

A New Initiative on Precision Medicine

New England Journal of Medicine

372, 793-795

DOI: [10.1056/nejmp1500523](https://doi.org/10.1056/nejmp1500523)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Localized structural frustration for evaluating the impact of sequence variants. <i>Nucleic Acids Research</i> , 2013, 44, 10062-10073.	6.5	13
2	Genetic Variants Associated With Phenytoin-Related Severe Cutaneous Adverse Reactions. <i>JAMA - Journal of the American Medical Association</i> , 2014, 312, 525.	3.8	256
3	Application of Smart Infrastructure Systems approach to precision medicine. <i>Applied & Translational Genomics</i> , 2015, 7, 40-44.	2.1	5
4	Genetic Susceptibility to Oxidative Stress and Cardiovascular Disease. <i>EBioMedicine</i> , 2015, 2, 1864-1865.	2.7	4
5	[An] enumeration shall be made. <i>Neurology</i> , 2015, 85, 1191-1192.	1.5	0
6	News from the NIH: potential contributions of the behavioral and social sciences to the precision medicine initiative. <i>Translational Behavioral Medicine</i> , 2015, 5, 243-246.	1.2	53
7	Personalized management of hepatocellular carcinoma based on molecular information: Future prospects. <i>Clinical Liver Disease</i> , 2015, 5, 132-135.	1.0	4
8	Bench-to-Bedside; Clinical and Translational Research; Personalized Medicine; Precision Medicine—What's in a Name?. <i>Clinical and Translational Science</i> , 2015, 8, 171-173.	1.5	20
9	New paradigms in sepsis: from prevention to protection of failing microcirculation. <i>Journal of Thrombosis and Haemostasis</i> , 2015, 13, 1743-1756.	1.9	91
10	Epidemiology and genetics of cystic fibrosis in Asia: In preparation for the next generation treatments. <i>Respirology</i> , 2015, 20, 1172-1181.	1.3	50
12	Progress in oral personalized medicine: contribution of omics™. <i>Journal of Oral Microbiology</i> , 2015, 7, 282-283.	1.2	4
13	Innovative Interventional and Imaging Registries: Precision Medicine in Cerebrovascular Disorders. <i>Interventional Neurology</i> , 2015, 4, 5-17.	1.8	402
14	Targeting Breast Cancer Metastasis. <i>Breast Cancer: Basic and Clinical Research</i> , 2015, 9s1, BCBCR.S25460.	0.6	145
15	Precision Medicine and Non-Colorectal Cancer Liver Metastases: Fiction or Reality?. <i>Visceral Medicine</i> , 2015, 31, 434-439.	0.5	1
18	Developing therapeutic antibodies™ with the precision of William Tell. <i>Current Opinion in Nephrology and Hypertension</i> , 2015, 24, 1.	1.0	19
19	Interdisciplinary training to build an informatics workforce for precision medicine. <i>Applied & Translational Genomics</i> , 2015, 6, 28-30.	2.1	12
20	Hard Work Ahead: Fine Mapping and Functional Follow-up of Susceptibility Alleles in Cancer GWAS. <i>Current Epidemiology Reports</i> , 2015, 2, 205-217.	1.1	1
21	Precision Medicine—The New Reality. <i>Journal of Perianesthesia Nursing</i> , 2015, 30, 457-458.	0.3	1

#	ARTICLE	IF	CITATIONS
22	Differential Acceptance of Genomic Medicine Approaches Between Future and Practicing Physicians. Medical Science Educator, 2015, 25, 233-236.	0.7	2
23	BigQ: a NoSQL based framework to handle genomic variants in i2b2. BMC Bioinformatics, 2015, 16, 415.	1.2	20
24	Genomics is changing personal healthcare and medicine: the dawn of iPH (individualized preventive) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.4	4
25	Big biomedical data and cardiovascular disease research: opportunities and challenges. European Heart Journal Quality of Care & Clinical Outcomes, 2015, 1, 9-16.	1.8	48
26	NIST RM 8398: Standardizing Discoveries. Genetic Testing and Molecular Biomarkers, 2015, 19, 589-590.	0.3	1
27	Where is the person in precision medicine?. Journal of Evaluation in Clinical Practice, 2015, 21, 1022-1023.	0.9	1
28	Pharmacogenomics and Implications for Nursing Practice. Journal of Nursing Scholarship, 2015, 47, 496-504.	1.1	19
29	Pharmacists in Australian general practice: an opportunity for expertise in precision medicine. Therapeutic Advances in Drug Safety, 2015, 6, 186-188.	1.0	14
30	Precision in psychiatry. Acta Psychiatrica Scandinavica, 2015, 132, 310-311.	2.2	3
31	Delivering on the Promise of Patient-Centered Care. Journal of the National Comprehensive Cancer Network: JNCCN, 2015, 13, 495-497.	2.3	7
32	Benefits and Risks of Sharing Genomic Information. Genetic Testing and Molecular Biomarkers, 2015, 19, 648-649.	0.3	7
33	Predictive biomarkers for treatment selection: statistical considerations. Biomarkers in Medicine, 2015, 9, 1121-1135.	0.6	25
34	Nursing Needs Big Data and Big Data Needs Nursing. Journal of Nursing Scholarship, 2015, 47, 477-484.	1.1	154
35	Personalized medicine in sarcoidosis. Current Opinion in Pulmonary Medicine, 2015, 21, 532-537.	1.2	9
36	Refinement of Molecular Diagnostic Protocol of Auditory Neuropathy Spectrum Disorder. Medicine (United States), 2015, 94, e1996.	0.4	15
37	Strengthening the role of convergence science in medicine. Convergent Science Physical Oncology, 2015, 1, 026001.	2.6	5
38	Sex Differences Research, Precision Medicine, and the Future of Women's Health. Journal of Women's Health, 2015, 24, 969-971.	1.5	42
39	Convergent Science Physical Oncology. Convergent Science Physical Oncology, 2015, 1, 010201.	2.6	0

#	ARTICLE	IF	CITATIONS
40	The Value of Establishing the Quantitative Accuracy of PET/CT Imaging. <i>Journal of Nuclear Medicine</i> , 2015, 56, 1133-1134.	2.8	8
41	Management of Incidental Findings in Clinical Genomic Sequencing. <i>Current Protocols in Human Genetics</i> , 2015, 87, 9.23.1-9.23.16.	3.5	12
42	A NEW ERA FOR HEALTHCARE. <i>Gastroenterology Nursing</i> , 2015, 38, 249-250.	0.2	3
43	Towards a Personalized Treatment of Head and Neck Cancer. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2015, , 28-32.	1.8	3
44	Comment on: "The impact of category, cytopathology and cytogenetics on development and progression of clonal and malignant myeloid transformation in inherited bone marrow failure syndromes". <i>Haematologica</i> , 2015, 100, e378-e378.	1.7	1
45	Personalized cancer medicine: present status and future perspectives. <i>Journal of the Korean Medical Association</i> , 2015, 58, 1021.	0.1	1
46	New Frontiers in Healthcare and Technology: Internet-and Web-Based Mental Options Emerge to Complement In-Person and Telepsychiatric Care Options. <i>Journal of Health & Medical Informatics</i> , 2015, 06, .	0.2	5
47	Potential of epigenetic therapies in the management of solid tumors. <i>Cancer Management and Research</i> , 2015, 7, 241.	0.9	47
48	Precision medicine: are we there?. <i>Medical Journal of Australia</i> , 2015, 203, 132-133.	0.8	3
49	Genomics in medicine: From promise to practice. <i>South African Medical Journal</i> , 2015, 105, 545.	0.2	5
50	China is Prepared to Fight Against Emerging Mental Health Disorders?. <i>International Journal of Emergency Mental Health</i> , 0, s3, .	0.3	1
51	The NCI and the Takeoff of Nanomedicine. <i>Journal of Nanomedicine & Biotherapeutic Discovery</i> , 2015, 05, .	0.6	1
52	Patients' Induced Pluripotent Stem Cells to Model Drug Induced Adverse Events: A Role in Predicting Thiopurine Induced Pancreatitis?. <i>Current Drug Metabolism</i> , 2015, 17, 91-98.	0.7	7
54	Lessons from Toxicology: Developing a 21st-Century Paradigm for Medical Research. <i>Environmental Health Perspectives</i> , 2015, 123, A268-72.	2.8	57
55	The Future of Molecular Medicine: Biomarkers, BATTLEs, and Big Data. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2015, , 22-27.	1.8	6
56	Human Genome Project: Twenty-five years of big biology. <i>Nature</i> , 2015, 526, 29-31.	13.7	184
57	The Key to Individualized Addiction Treatment is Comprehensive Assessment and Monitoring of Symptoms and Behavioral Change. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2015, 5, 477-495.	1.0	4
58	Privacy, Personhood, and Property in the Age of Genomics. <i>Laws</i> , 2015, 4, 377-412.	0.5	2

#	ARTICLE	IF	CITATIONS
59	Alignment of Short Reads: A Crucial Step for Application of Next-Generation Sequencing Data in Precision Medicine. <i>Pharmaceutics</i> , 2015, 7, 523-541.	2.0	27
60	Control of Body Weight by Eating Behavior in Children. <i>Frontiers in Pediatrics</i> , 2015, 3, 89.	0.9	9
61	Personalized medicine and stroke prevention: where are we?. <i>Vascular Health and Risk Management</i> , 2015, 11, 601.	1.0	14
62	Diversity in Clinical and Biomedical Research: A Promise Yet to Be Fulfilled. <i>PLoS Medicine</i> , 2015, 12, e1001918.	3.9	424
63	Identification of Medically Actionable Secondary Findings in the 1000 Genomes. <i>PLoS ONE</i> , 2015, 10, e0135193.	1.1	74
64	Building SuperModels: emerging patient avatars for use in precision and systems medicine. <i>Frontiers in Physiology</i> , 2015, 6, 318.	1.3	13
65	A Commentary on "A New Initiative on Precision Medicine" <i>Frontiers in Psychiatry</i> , 2015, 6, 88.	1.3	8
66	Policy Capacity in the Learning Healthcare System Comment on "Health Reform Requires Policy Capacity". <i>International Journal of Health Policy and Management</i> , 2015, 4, 841-843.	0.5	4
67	Molecular prognostic prediction in liver cirrhosis. <i>World Journal of Gastroenterology</i> , 2015, 21, 10262.	1.4	12
68	Discussion of "Combining Health Data Uses to Ignite Health System Learning" <i>Methods of Information in Medicine</i> , 2015, 54, 488-499.	0.7	4
69	Phenytoin Hypersensitivity: It's Time for Some Individuality. <i>Epilepsy Currents</i> , 2015, 15, 177-179.	0.4	1
70	Personomics. <i>JAMA Internal Medicine</i> , 2015, 175, 888.	2.6	76
71	When do confounding by indication and inadequate risk adjustment bias critical care studies? A simulation study. <i>Critical Care</i> , 2015, 19, 195.	2.5	50
72	Here/In This Issue and There/Abstract Thinking: Precision Medicine for Child and Adolescent Psychiatry. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2015, 54, 435-436.	0.3	1
73	Are at Least 12 Months of Dual Antiplatelet Therapy Needed for All Patients With Drug-Eluting Stents?. <i>Circulation</i> , 2015, 131, 2010-2019.	1.6	5
74	Muscle Weakness in Critical Illness. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 191, 1094-1096.	2.5	4
75	Precision Medicine "Personalized, Problematic, and Promising. <i>New England Journal of Medicine</i> , 2015, 372, 2229-2234.	13.9	816
76	The FDA and Genomic Tests "Getting Regulation Right. <i>New England Journal of Medicine</i> , 2015, 372, 2258-2264.	13.9	76

#	ARTICLE	IF	CITATIONS
77	Towards a New Synthesis for Development in Adulthood. <i>Research in Human Development</i> , 2015, 12, 229-236.	0.8	6
79	Adverse Outcome Pathways--Organizing Toxicological Information to Improve Decision Making. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 356, 170-181.	1.3	160
80	Evolving concepts of heredity and genetics in Orthodontics. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2015, 148, 922-938.	0.8	32
81	Planning for the Future of Epidemiology in the Era of Big Data and Precision Medicine: Table 1. <i>American Journal of Epidemiology</i> , 2015, 182, kww228.	1.6	28
82	Toward Precision Medicine in Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 1272-1274.	2.5	8
83	Designer cells finely tuned for therapy. <i>Science</i> , 2015, 350, 1478-1479.	6.0	7
84	Exploiting microRNA Specificity and Selectivity: Paving a Sustainable Path Towards Precision Medicine. <i>Advances in Experimental Medicine and Biology</i> , 2015, 888, 1-3.	0.8	5
85	Personalized medicine and economic evaluation in oncology: all theory and no practice?. <i>Expert Review of Pharmacoeconomics and Outcomes Research</i> , 2015, 15, 733-738.	0.7	15
86	Molecular classification of hepatocellular carcinoma: potential therapeutic implications. <i>Hepatic Oncology</i> , 2015, 2, 371-379.	4.2	95
87	Biomarkers of (osteo)arthritis. <i>Biomarkers</i> , 2015, 20, 513-518.	0.9	56
88	Allergen Immunotherapy (AIT): a prototype of Precision Medicine. <i>World Allergy Organization Journal</i> , 2015, 8, 31.	1.6	74
89	Evidence-based and precision medicine: the quest for pragmatic balance in autism. <i>Personalized Medicine</i> , 2015, 12, 525-527.	0.8	2
90	A Federated Network for Translational Cancer Research Using Clinical Data and Biospecimens. <i>Cancer Research</i> , 2015, 75, 5194-5201.	0.4	33
91	Royal Australian and New Zealand College of Psychiatrists clinical practice guidelines for mood disorders. <i>Australian and New Zealand Journal of Psychiatry</i> , 2015, 49, 1087-1206.	1.3	600
92	Personalizing precision medicine. <i>Journal of the American Society of Hypertension</i> , 2015, 9, 415-416.	2.3	1
93	Patient engagement: challenges and opportunities for physicians. <i>Annals of Allergy, Asthma and Immunology</i> , 2015, 115, 459-462.	0.5	6
94	The Benefits of Whole-Genome Sequencing Now and in the Future. <i>Molecular Syndromology</i> , 2015, 6, 108-109.	0.3	11
95	Transcriptional Enhancers: Bridging the Genome and Phenome. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2015, 80, 17-26.	2.0	28

#	ARTICLE	IF	CITATIONS
96	The Future of Pharmaceutical Manufacturing Sciences. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 3612-3638.	1.6	303
97	A Smart Mobile Lab-on-Chip-Based Medical Diagnostics System Architecture Designed for Evolvability. , 2015, , .		8
98	The future of murine sepsis and trauma research models. <i>Journal of Leukocyte Biology</i> , 2015, 98, 945-952.	1.5	89
99	Clinical Implementation of Cardiovascular Pharmacogenomics. <i>Mayo Clinic Proceedings</i> , 2015, 90, 701-704.	1.4	8
100	Utilizing population variation, vaccination, and systems biology to study human immunology. <i>Trends in Immunology</i> , 2015, 36, 479-493.	2.9	77
102	Let a Hundred Flowers Bloom: The Role of Context Dependence in Creating Phenotypic Diversity following Targeted Therapy. <i>Molecular Cell</i> , 2015, 57, 763-764.	4.5	2
103	Complete Revascularization in Patients Undergoing Primary Percutaneous Coronary Intervention for STEMI. <i>Journal of the American College of Cardiology</i> , 2015, 66, 331-332.	1.2	0
104	Opportunities and Challenges of Genotyping Patients With Nephrotic Syndrome in the Genomic Era. <i>Seminars in Nephrology</i> , 2015, 35, 212-221.	0.6	15
105	Metabolome progression during early gut microbial colonization of gnotobiotic mice. <i>Scientific Reports</i> , 2015, 5, 11589.	1.6	29
106	The Genetic Basis of Mendelian Phenotypes: Discoveries, Challenges, and Opportunities. <i>American Journal of Human Genetics</i> , 2015, 97, 199-215.	2.6	574
107	Asthma Pharmacogenomics: 2015 Update. <i>Current Allergy and Asthma Reports</i> , 2015, 15, 42.	2.4	19
108	Heterogeneity of chronic obstructive pulmonary disease exacerbations: a two-axes classification proposal. <i>Lancet Respiratory Medicine</i> , the, 2015, 3, 729-734.	5.2	46
109	Spatial and temporal epidemiological analysis in the Big Data era. <i>Preventive Veterinary Medicine</i> , 2015, 122, 213-220.	0.7	57
110	Probing for a deeper understanding of rhabdomyosarcoma: insights from complementary model systems. <i>Nature Reviews Cancer</i> , 2015, 15, 426-439.	12.8	101
111	Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes. <i>Circulation Research</i> , 2015, 117, 80-88.	2.0	372
112	Pharmacogenomics in cardiology - genetics and drug response: 10 years of progress. <i>Future Cardiology</i> , 2015, 11, 281-286.	0.5	7
113	Race and Melanocortin 1 Receptor Polymorphism R163Q Are Associated with Post-Burn Hypertrophic Scarring: A Prospective Cohort Study. <i>Journal of Investigative Dermatology</i> , 2015, 135, 2394-2401.	0.3	38
114	Developing Peripheral Blood Gene Expression-Based Diagnostic Tests for Coronary Artery Disease: a Review. <i>Journal of Cardiovascular Translational Research</i> , 2015, 8, 372-380.	1.1	7

#	ARTICLE	IF	CITATIONS
115	Palbociclib for the Treatment of Estrogen Receptorâ€“Positive, HER2-Negative Metastatic Breast Cancer. <i>Clinical Cancer Research</i> , 2015, 21, 3591-3596.	3.2	29
116	Pharmacogenetics in irritable bowel syndrome. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2015, 11, 1187-1191.	1.5	5
117	Guidelines for incorporating scientific knowledge and practice on rare diseases into higher education: neuronal ceroid lipofuscinoses as a model disorder. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 2316-2323.	1.8	13
118	FDA as a catalyst for translation. <i>Science Translational Medicine</i> , 2015, 7, 296ed9.	5.8	10
119	Combined HSP90 and kinase inhibitor therapy: Insights from The Cancer Genome Atlas. <i>Cell Stress and Chaperones</i> , 2015, 20, 729-741.	1.2	19
120	Responseâ€“Applying antibiotics lessons to antivirals. <i>Science</i> , 2015, 348, 1437-1437.	6.0	1
121	Patients as first-order participants in health, health care, and research. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2015, 22, 935-935.	2.2	0
122	Can Precision Medicine Reduce Overdiagnosis?. <i>Academic Radiology</i> , 2015, 22, 1040-1041.	1.3	7
123	Heterogeneity of autoimmune diseases: pathophysiologic insights from genetics and implications for new therapies. <i>Nature Medicine</i> , 2015, 21, 730-738.	15.2	189
124	Brain disorders? Precisely. <i>Science</i> , 2015, 348, 499-500.	6.0	586
125	Personalized medicine, endotypes, and intensive care medicine. <i>Intensive Care Medicine</i> , 2015, 41, 1138-1140.	3.9	9
127	Is precision medicine the route to a healthy world?. <i>Lancet, The</i> , 2015, 385, 1617.	6.3	35
128	The curious incident of the translational dog that didnâ€™t bark. <i>Trends in Cell Biology</i> , 2015, 25, 187-189.	3.6	2
129	Current concepts in targeting chronic obstructive pulmonary disease pharmacotherapy: making progress towards personalised management. <i>Lancet, The</i> , 2015, 385, 1789-1798.	6.3	209
130	Radionuclide Myocardial Perfusion Imaging for the Evaluation of Patients With Known or Suspected Coronary Artery Disease in the Era of Multimodality Cardiovascular Imaging. <i>Progress in Cardiovascular Diseases</i> , 2015, 57, 644-653.	1.6	29
131	Genome-wide association studies of late-onset cardiovascular disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 83, 131-141.	0.9	42
132	Developing Medicines That Mimic the Natural Successes of the Human Genome. <i>Journal of the American College of Cardiology</i> , 2015, 65, 1562-1566.	1.2	39
133	Targeting â€™types: Precision Medicine in Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 191, 1093-1094.	2.5	3

#	ARTICLE	IF	CITATIONS
134	The erosion of physical activity in Western societies: an economic death march. <i>Diabetologia</i> , 2015, 58, 1730-1734.	2.9	23
135	Cutting the Gordian Helix – Regulating Genomic Testing in the Era of Precision Medicine. <i>New England Journal of Medicine</i> , 2015, 372, 1185-1186.	13.9	56
136	Textbook of Personalized Medicine. , 2015, , .		27
137	Five critical elements to ensure the precision medicine. <i>Cancer and Metastasis Reviews</i> , 2015, 34, 313-318.	2.7	44
138	Charting a future for epidemiologic training. <i>Annals of Epidemiology</i> , 2015, 25, 458-465.	0.9	280
139	Engineering as a new frontier for translational medicine. <i>Science Translational Medicine</i> , 2015, 7, 281fs13.	5.8	19
140	Precision Chemistry for Precision Medicine. <i>ACS Central Science</i> , 2015, 1, 11-13.	5.3	5
141	Biological data sciences in genome research. <i>Genome Research</i> , 2015, 25, 1417-1422.	2.4	40
142	Safety in reproductive medicine: breadth, depth and discovery. <i>Human Reproduction</i> , 2015, 30, 2252-2253.	0.4	3
143	Immune Cell Regulatory Pathways Unexplored as Host-Directed Therapeutic Targets for <i>Mycobacterium tuberculosis</i> : An Opportunity to Apply Precision Medicine Innovations to Infectious Diseases. <i>Clinical Infectious Diseases</i> , 2015, 61, S200-S216.	2.9	33
144	Racial/ethnic standards for fetal growth: the NICHD Fetal Growth Studies. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 213, 449.e1-449.e41.	0.7	348
145	Using e-technologies in clinical trials. <i>Contemporary Clinical Trials</i> , 2015, 45, 41-54.	0.8	124
146	Nephrology research – the past, present and future. <i>Nature Reviews Nephrology</i> , 2015, 11, 677-687.	4.1	23
147	Accessing Genetic Information with Liquid Biopsies. <i>Trends in Genetics</i> , 2015, 31, 564-575.	2.9	121
148	Long-term rescue of cone photoreceptor degeneration in retinitis pigmentosa 2 (<i>RP2</i>)-knockout mice by gene replacement therapy. <i>Human Molecular Genetics</i> , 2015, 24, 6446-6458.	1.4	38
149	Cancer Genomics in Clinical Context. <i>Trends in Cancer</i> , 2015, 1, 36-43.	3.8	6
150	The development of precision medicine in clinical practice. <i>Clinical and Translational Medicine</i> , 2015, 4, 69.	1.7	15
151	Genomics innovation: transforming healthcare, business, and the global economy. <i>Genome</i> , 2015, 58, 511-517.	0.9	5

#	ARTICLE	IF	CITATIONS
152	Standardization efforts enabling next-generation sequencing and microarray based biomarkers for precision medicine. <i>Biomarkers in Medicine</i> , 2015, 9, 1265-1272.	0.6	9
153	Prevention and follow-up in thromboembolic ischemic stroke: Do we need to think out of the box?. <i>Thrombosis Research</i> , 2015, 136, 1067-1073.	0.8	4
154	Prenatal Programming and Toxicity (PPTOX) Introduction. <i>Endocrinology</i> , 2015, 156, 3405-3407.	1.4	15
155	An update on genome-wide association studies of hypertension. <i>Applied Informatics</i> , 2015, 2, .	0.5	12
156	Between Pathways and Networks Lies Context: Implications for Precision Medicine. <i>Science Progress</i> , 2015, 98, 253-263.	1.0	0
157	Improving the efficacy of mammography screening: the potential and challenge of developing new computer-aided detection approaches. <i>Expert Review of Medical Devices</i> , 2015, 12, 497-499.	1.4	15
158	Modelling mass and heat transfer in nano-based cancer hyperthermia. <i>Royal Society Open Science</i> , 2015, 2, 150447.	1.1	60
159	Do not let precision medicine be kidnapped. <i>Frontiers of Medicine</i> , 2015, 9, 512-513.	1.5	2
160	Driving Innovation in Health Systems through an Apps-Based Information Economy. <i>Cell Systems</i> , 2015, 1, 8-13.	2.9	113
161	Expression quantitative trait locus analysis for translational medicine. <i>Genome Medicine</i> , 2015, 7, 60.	3.6	69
162	Genetics of Inflammatory Bowel Diseases. <i>Gastroenterology</i> , 2015, 149, 1163-1176.e2.	0.6	319
163	Drug repurposing in oncology—patient and health systems opportunities. <i>Nature Reviews Clinical Oncology</i> , 2015, 12, 732-742.	12.5	247
164	Targeted therapies to improve CFTR function in cystic fibrosis. <i>Genome Medicine</i> , 2015, 7, 101.	3.6	46
165	Achieving best outcomes for patients with cardiovascular disease in China by enhancing the quality of medical care and establishing a learning health-care system. <i>Lancet, The</i> , 2015, 386, 1493-1505.	6.3	74
166	Acute Lymphoblastic Leukemia in Children. <i>New England Journal of Medicine</i> , 2015, 373, 1541-1552.	13.9	1,484
167	New genomic somatic amplifications and deletions in papillary thyroid cancer. <i>Endocrine</i> , 2015, 50, 270-271.	1.1	0
168	Personalizing Diabetes Prevention: Is it Time to Focus on the Intervention?. <i>Journal of General Internal Medicine</i> , 2015, 30, 1570-1571.	1.3	0
169	Systems biology approaches to adverse drug effects: the example of cardio-oncology. <i>Nature Reviews Clinical Oncology</i> , 2015, 12, 718-731.	12.5	88

#	ARTICLE	IF	CITATIONS
170	Report of the AMIA EHR-2020 Task Force on the status and future direction of EHRs. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 1102-1110.	2.2	161
171	Molecular pathological epidemiology gives clues to paradoxical findings. European Journal of Epidemiology, 2015, 30, 1129-1135.	2.5	34
172	Cancer Genetics and Implications for Clinical Management. Surgical Clinics of North America, 2015, 95, 919-934.	0.5	6
173	Public Health in the Precision-Medicine Era. New England Journal of Medicine, 2015, 373, 499-501.	13.9	213
174	Integrative Clinical Sequencing in the Management of Refractory or Relapsed Cancer in Youth. JAMA - Journal of the American Medical Association, 2015, 314, 913.	3.8	333
175	RUNX3 contributes to carboplatin resistance in epithelial ovarian cancer cells. Gynecologic Oncology, 2015, 138, 647-655.	0.6	29
176	Genetics, Genetic Testing, and Biomarkers of Digestive Diseases. Gastroenterology, 2015, 149, 1131-1133.	0.6	9
177	Precision Medicine in Breast Cancer Care. JAMA Oncology, 2015, 1, 1109.	3.4	8
178	Prediction of treatment outcomes in major depressive disorder. Expert Review of Clinical Pharmacology, 2015, 8, 669-672.	1.3	26
179	Advances in the Molecular Analysis of Soft Tissue Tumors and Clinical Implications. Surgical Pathology Clinics, 2015, 8, 525-537.	0.7	14
180	Clinical and Translational Research. Journal of Dental Research, 2015, 94, 1177-1178.	2.5	2
181	Pharmacogenomics of long-acting β_2 -agonists. Expert Opinion on Drug Metabolism and Toxicology, 2015, 11, 1733-1751.	1.5	15
182	Mining the social mediome. Trends in Molecular Medicine, 2015, 21, 528-529.	3.5	23
183	Red Blood Cell Transfusion. JAMA - Journal of the American Medical Association, 2015, 314, 1557.	3.8	37
184	SMART on FHIR Genomics: facilitating standardized clinico-genomic apps. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 1173-1178.	2.2	110
185	Precision renal medicine: a roadmap towards targeted kidney fibrosis therapies. Fibrogenesis and Tissue Repair, 2015, 8, 16.	3.4	13
186	Genetic Discoveries Drive Molecular Analyses and Targeted Therapeutic Options in the Epilepsies. Current Neurology and Neuroscience Reports, 2015, 15, 70.	2.0	12
187	Precision medicine at Memorial Sloan Kettering Cancer Center: clinical next-generation sequencing enabling next-generation targeted therapy trials. Drug Discovery Today, 2015, 20, 1422-1428.	3.2	136

#	ARTICLE	IF	CITATIONS
188	CCR 20th Anniversary Commentary: Triple-Negative Breast Cancer in 2015â€”Still in the Ballpark. <i>Clinical Cancer Research</i> , 2015, 21, 3813-3814.	3.2	11
189	The molecular classification of hereditary endocrine diseases. <i>Endocrine</i> , 2015, 50, 575-579.	1.1	1
190	Modeling psychiatric disorders for developing effective treatments. <i>Nature Medicine</i> , 2015, 21, 979-988.	15.2	127
191	Understanding Population Cardiovascular Health. <i>Circulation</i> , 2015, 132, 1303-1304.	1.6	5
192	A Roadmap for Personalized Care in Radiology. <i>Radiology</i> , 2015, 277, 638-643.	3.6	12
193	Big Data Analytics. <i>Lecture Notes in Computer Science</i> , 2015, , .	1.0	4
194	Strategies for stem cell patent applications in the light of recent court cases. <i>Pharmaceutical Patent Analyst</i> , 2015, 4, 431-441.	0.4	2
195	Preserving Genome Privacy in Research Studies. , 2015, , 425-441.		4
196	Multi-omics Multi-scale Big Data Analytics for Cancer Genomics. <i>Lecture Notes in Computer Science</i> , 2015, , 228-243.	1.0	3
197	An integrated genotyping approach for HLA and other complex genetic systems. <i>Human Immunology</i> , 2015, 76, 928-938.	1.2	57
198	Reply. <i>Journal of the American College of Cardiology</i> , 2015, 66, 330-331.	1.2	1
199	Making the Case to Study the Volume-Outcome Relationship in Hematologic Cancers. <i>Mayo Clinic Proceedings</i> , 2015, 90, 1393-1399.	1.4	11
200	Perspectives on research activity in the USA on Cancer Precision Medicine. <i>Japanese Journal of Clinical Oncology</i> , 2016, 46, hvv162.	0.6	7
201	Relevance of Personalized Health Care in Patients with Arterial Hypertension: Where are we now?. , 2016, , .		1
202	The impact of genomics on health outcomes, quality, and safety. <i>Nursing Management</i> , 2016, 47, 23-26.	0.2	18
203	Personalized medicine. <i>Journal of King Abdulaziz University, Islamic Economics</i> , 2016, 37, 1309-1311.	0.5	10
204	The Limits of Informed Consent for an Overwhelmed Patient: Clinicians' Role in Protecting Patients and Preventing Overwhelm. <i>AMA Journal of Ethics</i> , 2016, 18, 869-886.	0.4	89
205	Learning about the Importance of Mutation Prevention from Curable Cancers and Benign Tumors. <i>Journal of Cancer</i> , 2016, 7, 436-445.	1.2	13

#	ARTICLE	IF	CITATIONS
206	Epistemology, Ethics, and Progress in Precision Medicine. Perspectives in Biology and Medicine, 2016, 59, 293-310.	0.3	5
207	Bioinformatics Workflow for Clinical Whole Genome Sequencing at Partners HealthCare Personalized Medicine. Journal of Personalized Medicine, 2016, 6, 12.	1.1	22
208	Prognostic Epigenetics. , 2016, , 177-195.		0
209	Personalized Epigenetics. , 2016, , 843-858.		2
210	The Epigenomic Self in Personalized Medicine: Between Responsibility and Empowerment. Sociological Review, 2016, 64, 203-220.	0.9	9
211	Cell Biology: An Overviewã†. , 2016, , .		0
212	Big Data Science and Its Applications in Health and Medical Research: Challenges and Opportunities. Journal of Biometrics & Biostatistics, 2016, 7, .	4.0	10
213	Implementation of Pharmacogenetic Testing Within the Veterans Health Administration From 2011 to 2013. Military Medicine, 2016, 181, 1375-1381.	0.4	1
214	Clinical Decision Support: a 25 Year Retrospective and a 25 Year Vision. Yearbook of Medical Informatics, 2016, 25, S103-S116.	0.8	166
215	Towards the Design of a Patient-Specific Virtual Tumour. Computational and Mathematical Methods in Medicine, 2016, 2016, 1-12.	0.7	15
216	Evolving to a new service-dominant logic for health care. Innovation and Entrepreneurship in Health, 0, , 25.	2.0	52
217	Pragmatic medicine in solid cancer: a translational alternative to precision medicine. OncoTargets and Therapy, 2016, 9, 1839.	1.0	6
218	The Association between Gene-Environment Interactions and Diseases Involving the Human GST Superfamily with SNP Variants. International Journal of Environmental Research and Public Health, 2016, 13, 379.	1.2	65
219	Implications of direct-to-consumer whole-exome sequencing in South Africa. South African Medical Journal, 2016, 106, 139.	0.2	3
220	A Broad-Spectrum Health Delivery Model and Intelligent Mobile Information-Network to Strengthen Individual-Based Primary Care Medicine: Scientific Foundation and Architecture. Journal of Healthcare Communications, 2016, 01, .	0.8	0
221	Research projects in the Surgeon-Scientist and Clinician-Investigator programs at the University of Toronto (1987-2016): a cohort study. CMAJ Open, 2016, 4, E444-E447.	1.1	8
222	Racial Health Disparities, and Variant Red Cell and Iron Homeostasis. Journal of Health Care for the Poor and Underserved, 2016, 27, 741-761.	0.4	5
223	Refining Breast Cancer Risk Stratification: Additional Genes, Additional Information. American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting, 2016, 35, 44-56.	1.8	19

#	ARTICLE	IF	CITATIONS
224	Anticipating the Future of Research on Substance Use and Substance Use Disorders. , 2016, , .		0
225	Clinical benefit of a precision medicine based approach for guiding treatment of refractory cancers. Oncotarget, 2016, 7, 56491-56500.	0.8	75
226	The Quantified Brain: A Framework for Mobile Device-Based Assessment of Behavior and Neurological Function. Applied Clinical Informatics, 2016, 07, 290-298.	0.8	15
227	Precision Medicine for Endocrinology. International Journal of Endocrinology and Metabolism, 2016, 14, e40283.	0.3	6
228	The VA Point-of-Care Precision Oncology Program: Balancing Access with Rapid Learning in Molecular Cancer Medicine. Biomarkers in Cancer, 2016, 8, BIC.S37548.	3.6	19
229	Consumer Health Informatics: Past, Present, and Future of a Rapidly Evolving Domain. Yearbook of Medical Informatics, 2016, 25, S42-S47.	0.8	46
230	The Obliteration of Life: Depersonalisation and Disembodiment in the Terabyte Era. SSRN Electronic Journal, 2016, , .	0.4	0
231	Anticipating the Future of Research on Substance Use and Substance Use Disorders. , 2016, , .		0
232	“Tailored-to-You” Public Engagement and the Political Legitimation of Precision Medicine. Perspectives in Biology and Medicine, 2016, 59, 172-188.	0.3	20
233	Eight Mutations of Three Genes (EDA, EDAR, and WNT10A) Identified in Seven Hypohidrotic Ectodermal Dysplasia Patients. Genes, 2016, 7, 65.	1.0	25
234	Detecting Circulating Tumor DNA in Hepatocellular Carcinoma Patients Using Droplet Digital PCR Is Feasible and Reflects Intratumoral Heterogeneity. Journal of Cancer, 2016, 7, 1907-1914.	1.2	84
235	Cell-free DNA and next-generation sequencing in the service of personalized medicine for lung cancer. Oncotarget, 2016, 7, 71013-71035.	0.8	69
236	“You have the right to protect your health” Perceptions of Secondhand Smoke and Exposure Mitigation Strategies in Low-Income Patients With Heart Disease, San Francisco, 2011-2012. Preventing Chronic Disease, 2016, 13, E116.	1.7	0
237	Cancer Clinical Research. , 2016, , 41-53.		3
238	A New Era of Clinical Research Methods in a Data-Rich Environment. , 2016, , 343-355.		12
239	The New Role of Biomedical Informatics in the Age of Digital Medicine. Methods of Information in Medicine, 2016, 55, 392-402.	0.7	14
240	Discussion of “The New Role of Biomedical Informatics in the Age of Digital Medicine” Methods of Information in Medicine, 2016, 55, 403-421.	0.7	8
241	Lost in Translation: The Gap in Scientific Advancements and Clinical Application. Frontiers in Bioengineering and Biotechnology, 2016, 4, 43.	2.0	67

#	ARTICLE	IF	CITATIONS
242	Exploration of Molecular Network Variations in Different Subtypes of Human Non-functional Pituitary Adenomas. <i>Frontiers in Endocrinology</i> , 2016, 7, 13.	1.5	33
243	Editorial: Systems Biological Aspects of Pituitary Tumors. <i>Frontiers in Endocrinology</i> , 2016, 7, 86.	1.5	16
244	Principles for Developing Patient Avatars in Precision and Systems Medicine. <i>Frontiers in Genetics</i> , 2016, 6, 365.	1.1	9
245	Incorporating Concomitant Medications into Genome-Wide Analyses for the Study of Complex Disease and Drug Response. <i>Frontiers in Genetics</i> , 2016, 7, 138.	1.1	2
246	Education in Medicine: Moving the Boundaries to Foster Interdisciplinarity. <i>Frontiers in Medicine</i> , 2016, 3, 15.	1.2	2
247	Alternate Service Delivery Models in Cancer Genetic Counseling: A Mini-Review. <i>Frontiers in Oncology</i> , 2016, 6, 120.	1.3	90
248	Toward Precision Medicine: How Far Is the Goal?. <i>International Journal of Molecular Sciences</i> , 2016, 17, 245.	1.8	3
249	A Novel Technique to Detect EGFR Mutations in Lung Cancer. <i>International Journal of Molecular Sciences</i> , 2016, 17, 792.	1.8	23
250	Clinical Metabolomics: The New Metabolic Window for Inborn Errors of Metabolism Investigations in the Post-Genomic Era. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1167.	1.8	92
251	Omics-Based Strategies in Precision Medicine: Toward a Paradigm Shift in Inborn Errors of Metabolism Investigations. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1555.	1.8	135
252	Precision Medicine and Advancing Genetic Technologies—Disability and Human Rights Perspectives. <i>Laws</i> , 2016, 5, 36.	0.5	13
253	Farewell to Animal Testing: Innovations on Human Intestinal Microphysiological Systems. <i>Micromachines</i> , 2016, 7, 107.	1.4	24
254	Challenges, Solutions, and Quality Metrics of Personal Genome Assembly in Advancing Precision Medicine. <i>Pharmaceutics</i> , 2016, 8, 15.	2.0	13
255	Personalized Proteomics: The Future of Precision Medicine. <i>Proteomes</i> , 2016, 4, 29.	1.7	101
256	A Microchip for Integrated Single-Cell Gene Expression Profiling and Genotoxicity Detection. <i>Sensors</i> , 2016, 16, 1489.	2.1	5
257	The impact of communicating genetic risks of disease on risk-reducing health behaviour: systematic review with meta-analysis. <i>BMJ, The</i> , 2016, 352, i1102.	3.0	362
258	Novel Diagnostic and Monitoring Tools in Stroke: an Individualized Patient-Centered Precision Medicine Approach. <i>Journal of Atherosclerosis and Thrombosis</i> , 2016, 23, 493-504.	0.9	34
259	Pathogenic Mutations in Cancer-Predisposing Genes: A Survey of 300 Patients with Whole-Genome Sequencing and Lifetime Electronic Health Records. <i>PLoS ONE</i> , 2016, 11, e0167847.	1.1	4

#	ARTICLE	IF	CITATIONS
260	Beyond Our Borders? Public Resistance to Global Genomic Data Sharing. PLoS Biology, 2016, 14, e2000206.	2.6	33
261	Text Mining Genotype-Phenotype Relationships from Biomedical Literature for Database Curation and Precision Medicine. PLoS Computational Biology, 2016, 12, e1005017.	1.5	81
262	Between Openness and Privacy in Genomics. PLoS Medicine, 2016, 13, e1001937.	3.9	86
263	Addressing Loss of Efficiency Due to Misclassification Error in Enriched Clinical Trials for the Evaluation of Targeted Therapies Based on the Cox Proportional Hazards Model. PLoS ONE, 2016, 11, e0153525.	1.1	0
264	Conducting Precision Medicine Research with African Americans. PLoS ONE, 2016, 11, e0154850.	1.1	45
265	Next-Generation Sequencing: The Translational Medicine Approach from "Bench to Bedside to Population" Medicines (Basel, Switzerland), 2016, 3, 14.	0.7	22
266	Animal-Free Chemical Safety Assessment. Frontiers in Pharmacology, 2016, 7, 218.	1.6	9
267	Smartphone-Based Psychotherapeutic Micro-Interventions to Improve Mood in a Real-World Setting. Frontiers in Psychology, 2016, 7, 1112.	1.1	58
268	Utility of Machine-Learning Approaches to Identify Behavioral Markers for Substance Use Disorders: Impulsivity Dimensions as Predictors of Current Cocaine Dependence. Frontiers in Psychiatry, 2016, 7, 34.	1.3	57
269	A Scoping Review of Tailored Self-management Interventions among Adults with Mobility Impairing Neurological and Musculoskeletal Conditions. Frontiers in Public Health, 2016, 4, 165.	1.3	11
270	Overview of DNA repair pathways, current targets, and clinical trials bench to clinic. , 2016, , 1-54.		6
271	Clinical Information Systems " From Yesterday to Tomorrow. Yearbook of Medical Informatics, 2016, 25, S62-S75.	0.8	16
272	Precision medicine with electronic medical records: from the patients and for the patients. Annals of Translational Medicine, 2016, 4, S61-S61.	0.7	11
273	Systematic Molecular Phenotyping: A Path Toward Precision Emergency Medicine?. Academic Emergency Medicine, 2016, 23, 1097-1106.	0.8	15
274	Ambivalence: Prerequisite for success in motivational interviewing with adolescents?. Addiction, 2016, 111, 1900-1907.	1.7	29
275	Keeping Score of Severity Scores. Critical Care Medicine, 2016, 44, 639-640.	0.4	4
276	Age, Pao 2/Fio 2, and Plateau Pressure Score: A Proposal for a Simple Outcome Score in Patients With the Acute Respiratory Distress Syndrome*. Critical Care Medicine, 2016, 44, 1361-1369.	0.4	82
277	Human-induced pluripotent stem cell approaches to model inborn and acquired metabolic heart diseases. Current Opinion in Cardiology, 2016, 31, 266-274.	0.8	13

#	ARTICLE	IF	CITATIONS
278	Shifting paradigms in multiple sclerosis. <i>Current Opinion in Neurology</i> , 2016, 29, 354-361.	1.8	12
279	How precise is precision medicine for schizophrenia?. <i>Current Opinion in Psychiatry</i> , 2016, 29, 187-189.	3.1	8
280	Targeted Treatment of a Rare Vaginal Sarcoma With an Anaplastic Lymphoma Kinase Inhibitor. <i>Obstetrics and Gynecology</i> , 2016, 127, 222-225.	1.2	4
281	Statistical methods for studying disease subtype heterogeneity. <i>Statistics in Medicine</i> , 2016, 35, 782-800.	0.8	204
282	Empowered Consumers and the Health Care Team. <i>Advances in Nursing Science</i> , 2016, 39, 26-37.	0.6	2
283	Management of Pediatric Psoriasis: What's True, What's Left to Do?. <i>Pediatric Dermatology</i> , 2016, 33, 231-233.	0.5	3
284	Rescue of protein expression defects may not be enough to abolish the proarrhythmic phenotype of long QT type 2 mutations. <i>Journal of Physiology</i> , 2016, 594, 4031-4049.	1.3	28
285	Genome-wide association studies and epigenome-wide association studies go together in cancer control. <i>Future Oncology</i> , 2016, 12, 1645-1664.	1.1	28
286	Discovery, Development, and Adoption of Medications to Treat Alcohol Use Disorder: Goals for the Phases of Medications Development. <i>Alcoholism: Clinical and Experimental Research</i> , 2016, 40, 1368-1379.	1.4	55
287	<sc>FIT</sc> for the future: a case for risk-based colorectal cancer screening using the faecal immunochemical test. <i>Colorectal Disease</i> , 2016, 18, 650-653.	0.7	10
288	Computational cardiology and risk stratification for sudden cardiac death: one of the grand challenges for cardiology in the 21st century. <i>Journal of Physiology</i> , 2016, 594, 6893-6908.	1.3	14
289	Precision Medicine an Interprofessional Science. <i>Clinical Nursing Research</i> , 2016, 25, 359-361.	0.7	3
290	Is There a Role for Genetics in the Prevention of Sudden Cardiac Death?. <i>Journal of Cardiovascular Electrophysiology</i> , 2016, 27, 1124-1132.	0.8	11
291	Biomarker development in the precision medicine era: lung cancer as a case study. <i>Nature Reviews Cancer</i> , 2016, 16, 525-537.	12.8	406
292	An emerging role for cytopathology in precision oncology. <i>Cancer Cytopathology</i> , 2016, 124, 167-173.	1.4	23
294	Field Synopsis of Sex in Clinical Prediction Models for Cardiovascular Disease. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2016, 9, S8-15.	0.9	9
295	<i><sc>TECRL</sc></i>: connecting sequence to consequence for a new sudden cardiac death gene. <i>EMBO Molecular Medicine</i> , 2016, 8, 1364-1365.	3.3	6
296	Protecting genomic data analytics in the cloud: state of the art and opportunities. <i>BMC Medical Genomics</i> , 2016, 9, 63.	0.7	43

#	ARTICLE	IF	CITATIONS
297	Imatinib Treatment of Lymphangiomatosis (Generalized Lymphatic Anomaly). Journal of the National Comprehensive Cancer Network: JNCCN, 2016, 14, 383-386.	2.3	10
298	Tratamiento personalizado del carcinoma hepatocelular basado en informaci3n molecular: perspectivas futuras. Clinical Liver Disease, 2016, 8, S43-S48.	1.0	0
299	Learning Optimal Individualized Treatment Rules from Electronic Health Record Data. , 2016, 2016, 65-71.		13
300	Health 4.0: The case of multiple sclerosis. , 2016, , .		9
301	A Bacterial Component to Alzheimer's-Type Dementia Seen via a Systems Biology Approach that Links Iron Dysregulation and Inflammagen Shedding to Disease. Journal of Alzheimer's Disease, 2016, 53, 1237-1256.	1.2	56
302	A randomized trial Examining The Impact Of Communicating Genetic And Lifestyle Risks For Obesity. Obesity, 2016, 24, 2481-2490.	1.5	8
303	A Comprehensive Review on Eryptosis. Cellular Physiology and Biochemistry, 2016, 39, 1977-2000.	1.1	163
304	Synthetic Hormones and Clot Formation. Microscopy and Microanalysis, 2016, 22, 878-886.	0.2	7
305	Phenome-wide association study maps new diseases to the human major histocompatibility complex region. Journal of Medical Genetics, 2016, 53, 681-689.	1.5	29
306	Pharmacokinetically guided algorithm of 5-fluorouracil dosing, a reliable strategy of precision chemotherapy for solid tumors: a meta-analysis. Scientific Reports, 2016, 6, 25913.	1.6	16
307	Behavioral informatics: Dynamical models for measuring and assessing behaviors for precision interventions. , 2016, 2016, 190-193.		6
308	The future of epidemiology: methods or matter?. International Journal of Epidemiology, 2016, 45, 1699-1716.	0.9	8
309	Preparing clinicians for genomic medicine. Postgraduate Medical Journal, 2016, 92, 369-371.	0.9	22
310	Metformin-Sustained Weight Loss and Reduced Android Fat Tissue At 12 Months In Empowir (Enhance) Tj ETQq1 1 0.784314 rgBT /Ove Randomized Trial of Normoglycemic Women with Midlife Weight Gain. Endocrine Practice, 2016, 22, 575-586.	1.1	5
311	General Overview, Conclusions, and Future Directions. Frontiers of Neurology and Neuroscience, 2016, 39, 154-162.	3.0	2
312	Identifying Genetic Variants in Adolescents With Oppositional Defiant Disorders and/or Conduct Disorders: A Brief Report. Journal of Child and Adolescent Psychiatric Nursing, 2016, 29, 154-157.	0.8	1
313	Comparing machine learning clustering with latent class analysis on cancer symptoms' data. , 2016, , .		8
314	Can there be science without philosophy?. Nephrology Dialysis Transplantation, 2016, 31, 1977-1981.	0.4	2

#	ARTICLE	IF	CITATIONS
315	Stratification of responders towards eculizumab using a structural epitope mapping strategy. Scientific Reports, 2016, 6, 31365.	1.6	16
316	U-prove based security framework for mobile device authentication in eHealth networks. , 2016, , .		3
317	A Paradigm Shift Is Needed in the Field of Pulmonary Arterial Hypertension for Its Entrance Into the Precision Medicine Era. Circulation Research, 2016, 119, 1276-1279.	2.0	16
318	Circulating free DNA in the era of precision oncology: Pre- and post-analytical concerns. Chronic Diseases and Translational Medicine, 2016, 2, 223-230.	0.9	30
319	Prognostic impact of mutation profiling in patients with stage II and III colon cancer. Scientific Reports, 2016, 6, 24310.	1.6	30
320	Phenomenal value for human health. Science, 2016, 354, 1534-1536.	6.0	12
321	Coronary Plaque Morphology and the Anti-Inflammatory Impact of Atorvastatin. Circulation: Cardiovascular Imaging, 2016, 9, .	1.3	46
322	The tip of the iceberg: challenges of accessing hospital electronic health record data for biological data mining. BioData Mining, 2016, 9, 29.	2.2	6
323	Predicting Incident Coronary Heart Disease Many Markers at a Time. Circulation: Cardiovascular Genetics, 2016, 9, 472-473.	5.1	1
324	Pluripotent Stem Cell-Derived Hepatocyte-like Cells: A Tool to Study Infectious Disease. Current Pathobiology Reports, 2016, 4, 147-156.	1.6	11
325	The role of metabolomics in precision medicine. Expert Review of Precision Medicine and Drug Development, 2016, 1, 517-532.	0.4	13
326	Companion and Complementary Diagnostics: Clinical and Regulatory Perspectives. Trends in Cancer, 2016, 2, 706-712.	3.8	49
327	What Can Big Data Offer the Pharmacovigilance of Orphan Drugs?. Clinical Therapeutics, 2016, 38, 2533-2545.	1.1	25
328	The Importance of Biopsy in the Era of Molecular Medicine. Cancer Journal (Sudbury, Mass), 2016, 22, 418-422.	1.0	32
329	The Sangre Por Salud Biobank: Facilitating Genetic Research in an Underrepresented Latino Community. Public Health Genomics, 2016, 19, 229-238.	0.6	19
330	Creating a pandemic of health: What is the role of digital technologies?. Journal of Public Health Policy, 2016, 37, 260-268.	1.0	8
331	Precision Medicine and the Changing Landscape of Research Ethics. Oncology Nursing Forum, 2016, 43, 149-150.	0.5	11
332	Current-day precision oncology: from cancer prevention, screening, drug development, and treatment – have we fallen short of the promise?. Current Opinion in Oncology, 2016, 28, 441-446.	1.1	12

#	ARTICLE	IF	CITATIONS
334	Clonal haematopoiesis harbouring AML-associated mutations is ubiquitous in healthy adults. <i>Nature Communications</i> , 2016, 7, 12484.	5.8	523
335	EMA, 2016, 2016, 1124-1128.		81
336	Applying a computer-aided scheme to detect a new radiographic image marker for prediction of chemotherapy outcome. <i>BMC Medical Imaging</i> , 2016, 16, 52.	1.4	6
337	Scar-cinoma: viewing the fibrotic lung mesenchymal cell in the context of cancer biology. <i>European Respiratory Journal</i> , 2016, 47, 1842-1854.	3.1	25
338	SMART precision cancer medicine: a FHIR-based app to provide genomic information at the point of care. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2016, 23, 701-710.	2.2	53
339	Merging Electronic Health Record Data and Genomics for Cardiovascular Research. <i>Circulation: Cardiovascular Genetics</i> , 2016, 9, 193-202.	5.1	20
340	Molecular diagnosis and precision medicine in allergy management. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016, 54, 1705-1714.	1.4	20
341	Imputing Gene Expression in Uncollected Tissues Within and Beyond GTEX. <i>American Journal of Human Genetics</i> , 2016, 98, 697-708.	2.6	51
342	Guiding Oncology Patients Through the Maze of Precision Medicine. <i>Journal of Health Communication</i> , 2016, 21, 5-17.	1.2	27
343	Developing knowledge resources to support precision medicine: principles from the Clinical Pharmacogenetics Implementation Consortium (CPIC). <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2016, 23, 796-801.	2.2	83
344	Comparative Effectiveness of Personalized Lifestyle Management Strategies for Cardiovascular Disease Risk Reduction. <i>Journal of the American Heart Association</i> , 2016, 5, e002737.	1.6	42
345	Pharmacometabolomics-aided Pharmacogenomics in Autoimmune Disease. <i>EBioMedicine</i> , 2016, 5, 40-45.	2.7	25
346	Enhanced Infrastructure for Optimizing the Design and Execution of Clinical Trials and Longitudinal Cohort Studies in the Era of Precision Medicine. <i>Journal of Pediatrics</i> , 2016, 171, 300-306.e2.	0.9	8
347	Response monitoring using quantitative ultrasound methods and supervised dictionary learning in locally advanced breast cancer. <i>Proceedings of SPIE</i> , 2016, , .	0.8	0
348	Population-based approaches to genetics of migraine. <i>Cephalalgia</i> , 2016, 36, 692-703.	1.8	11
349	Precision Medicine in Gastrointestinal Pathology. <i>Archives of Pathology and Laboratory Medicine</i> , 2016, 140, 449-460.	1.2	3
350	mTOR inhibitors in urinary bladder cancer. <i>Tumor Biology</i> , 2016, 37, 11541-11551.	0.8	23
351	Comment on: Comparative physiogenomic analyses of weight loss in response to two modes of bariatric surgery: demonstration with candidate neuropsychiatric and cardiometabolic genes. <i>Surgery for Obesity and Related Diseases</i> , 2016, 12, 377-378.	1.0	0

#	ARTICLE	IF	CITATIONS
352	Limitations in Translating Animal Studies to Humans in Cardiovascular Disease. <i>Journal of Cardiovascular Translational Research</i> , 2016, 9, 165-166.	1.1	13
353	Challenges, priorities and novel therapies for hypoxemic respiratory failure and pulmonary hypertension in the neonate. <i>Journal of Perinatology</i> , 2016, 36, S32-S36.	0.9	18
354	The cancer's gone, but did chemotherapy damage your heart?. <i>Nature Reviews Cardiology</i> , 2016, 13, 383-384.	6.1	11
355	Current state of the art for enhancing urine biomarker discovery. <i>Expert Review of Proteomics</i> , 2016, 13, 609-626.	1.3	101
356	Percutaneous cholecystostomy: institutional experience and outcomes. <i>Journal of Vascular and Interventional Radiology</i> , 2016, 27, S216.	0.2	1
357	A method to decipher pleiotropy by detecting underlying heterogeneity driven by hidden subgroups applied to autoimmune and neuropsychiatric diseases. <i>Nature Genetics</i> , 2016, 48, 803-810.	9.4	62
358	Social Determinants of Racial Disparities in CKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 2576-2595.	3.0	209
359	Genomic and clinical predictors for improving estimator precision in randomized trials of breast cancer treatments. <i>Contemporary Clinical Trials Communications</i> , 2016, 3, 48-54.	0.5	1
360	An Emerging Role for Radiation Oncology in Precision Oncology. <i>EBioMedicine</i> , 2016, 5, 9.	2.7	0
362	Risk of psychiatric illness from advanced paternal age is not predominantly from de novo mutations. <i>Nature Genetics</i> , 2016, 48, 718-724.	9.4	98
363	Burden of Nonsynonymous Mutations among TCGA Cancers and Candidate Immune Checkpoint Inhibitor Responses. <i>Cancer Research</i> , 2016, 76, 3767-3772.	0.4	124
364	DGIdb 2.0: mining clinically relevant drug-gene interactions. <i>Nucleic Acids Research</i> , 2016, 44, D1036-D1044.	6.5	359
365	Enabling personalized cancer medicine decisions: The challenging pharmacological approach of PBPK models for nanomedicine and pharmacogenomics (Review). <i>Oncology Reports</i> , 2016, 35, 1891-1904.	1.2	22
366	Report of the National Heart, Lung, and Blood Institute Working Group. <i>Circulation</i> , 2016, 133, 1410-1418.	1.6	33
367	Viscoelastic Properties Measurement of Human Lymphocytes by Atomic Force Microscopy Based on Magnetic Beads Cell Isolation. <i>IEEE Transactions on Nanobioscience</i> , 2016, 15, 398-411.	2.2	33
368	Evidence and Perspectives on the 24-hour Management of Hypertension: Hemodynamic Biomarker-Initiated "Anticipation Medicine"™ for Zero Cardiovascular Event. <i>Progress in Cardiovascular Diseases</i> , 2016, 59, 262-281.	1.6	116
369	Time for Integrating Clinical, Lifestyle and Molecular Data to Predict Drug Responses. <i>EBioMedicine</i> , 2016, 7, 9-10.	2.7	2
370	Applying a radiomics approach to predict prognosis of lung cancer patients. <i>Proceedings of SPIE</i> , 2016, , .	0.8	2

#	ARTICLE	IF	CITATIONS
371	Realizing Our Potential in Biobanking: Disease Advocacy Organizations Enliven Translational Research. <i>Biopreservation and Biobanking</i> , 2016, 14, 314-318.	0.5	4
372	Association of DiaRem Score With Cure of Type 2 Diabetes Following Bariatric Surgery. <i>JAMA Surgery</i> , 2016, 151, 779.	2.2	19
373	Risk literacy in medical decision-making. <i>Science</i> , 2016, 352, 413-414.	6.0	38
374	Omics Profiling in Precision Oncology. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 2525-2536.	2.5	84
375	The impact of oophorectomy on survival after breast cancer in BRCA1-positive breast cancer patients. <i>Breast Cancer Research and Treatment</i> , 2016, 156, 371-378.	1.1	13
376	Pharmacogenomics in diabetes mellitus: insights into drug action and drug discovery. <i>Nature Reviews Endocrinology</i> , 2016, 12, 337-346.	4.3	47
377	21st Century Women's Health. <i>Mayo Clinic Proceedings</i> , 2016, 91, 695-700.	1.4	6
378	On nanopore DNA sequencing by signal and noise analysis of ionic current. <i>Nanotechnology</i> , 2016, 27, 215502.	1.3	17
379	Precision medicine in patients with allergic diseases: Airway diseases and atopic dermatitisâ€”PRACTALL document of the European Academy of Allergy and Clinical Immunology and the American Academy of Allergy, Asthma & Immunology. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 1347-1358.	1.5	249
380	From genomic medicine to precision medicine: highlights of 2015. <i>Genome Medicine</i> , 2016, 8, 12.	3.6	32
381	Translation of Human-Induced Pluripotent Stem Cells. <i>Journal of the American College of Cardiology</i> , 2016, 67, 2161-2176.	1.2	209
382	Text mining for precision medicine: automating disease-mutation relationship extraction from biomedical literature. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2016, 23, 766-772.	2.2	52
383	Facilitating a culture of responsible and effective sharing of cancer genome data. <i>Nature Medicine</i> , 2016, 22, 464-471.	15.2	83
384	A framework for understanding and targeting residual disease in oncogene-driven solid cancers. <i>Nature Medicine</i> , 2016, 22, 472-478.	15.2	145
385	An informatics research agenda to support precision medicine: seven key areas. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2016, 23, 791-795.	2.2	61
386	A bioinformatics approach for precision medicine off-label drug drug selection among triple negative breast cancer patients. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2016, 23, 741-749.	2.2	13
387	Precision medicine for psychopharmacology: a general introduction. <i>Expert Review of Neurotherapeutics</i> , 2016, 16, 831-839.	1.4	15
388	Diagnostics based on nucleic acid sequence variant profiling: PCR, hybridization, and NGS approaches. <i>Advanced Drug Delivery Reviews</i> , 2016, 105, 3-19.	6.6	118

#	ARTICLE	IF	CITATIONS
389	Bleeding Assessment Tools: Limits and Advantages for the Diagnosis and Prognosis of Inherited Bleeding Disorders. <i>Seminars in Thrombosis and Hemostasis</i> , 2016, 42, 463-470.	1.5	9
390	Neurogenomics in Africa: Perspectives, progress, possibilities and priorities. <i>Journal of the Neurological Sciences</i> , 2016, 366, 213-223.	0.3	30
391	Genetic variation in IBD: progress, clues to pathogenesis and possible clinical utility. <i>Expert Review of Clinical Immunology</i> , 2016, 12, 1091-1107.	1.3	70
392	Molecular Imaging and Precision Medicine. <i>Cardiology</i> , 2016, 133, 178-180.	0.6	10
393	Health Care Segregation, Physician Recommendation, and Racial Disparities in BRCA1/2 Testing Among Women With Breast Cancer. <i>Journal of Clinical Oncology</i> , 2016, 34, 2610-2618.	0.8	136
394	The Business of Trust. <i>Academic Medicine</i> , 2016, 91, 462-464.	0.8	3
395	Metabolomics enables precision medicine: A White Paper, Community Perspective. <i>Metabolomics</i> , 2016, 12, 149.	1.4	434
396	HIV, Aging, and Viral Coinfections: Taking the Long View. <i>Current HIV/AIDS Reports</i> , 2016, 13, 269-278.	1.1	21
397	Nontumor Prognostic Factors in Hepatocellular Carcinoma. , 2016, , 139-147.		2
398	Commentary: The central questions of human genetics: Richard Lewontin's 1968 senior lecture in Victor McKusick's Bar Harbor short course. <i>International Journal of Epidemiology</i> , 2016, 45, 668-672.	0.9	2
399	Some Lingering Concerns about the Precision Medicine Initiative. <i>Journal of Law, Medicine and Ethics</i> , 2016, 44, 520-525.	0.4	9
400	Toward Precision Epidemiology. <i>JAMA Psychiatry</i> , 2016, 73, 1008.	6.0	48
401	Multiplex SNP genotyping in whole blood using an integrated microfluidic lab-on-a-chip. <i>Lab on A Chip</i> , 2016, 16, 4012-4019.	3.1	17
402	Definition and application of precision medicine. <i>Chinese Journal of Traumatology - English Edition</i> , 2016, 19, 249-250.	0.7	28
403	21st Century Cardio-Oncology. <i>JACC Basic To Translational Science</i> , 2016, 1, 386-398.	1.9	29
404	Development of in vivo imaging. <i>Allergology International</i> , 2016, 65, 223-224.	1.4	0
405	Toward Precision Medicine: A Cancer Molecular Subtyping Nanostrategy for RNA Biomarkers in Tumor and Urine. <i>Small</i> , 2016, 12, 6233-6242.	5.2	52
406	Biomarkers in Search of Precision Medicine in IBD. <i>American Journal of Gastroenterology</i> , 2016, 111, 1682-1690.	0.2	45

#	ARTICLE	IF	CITATIONS
407	Enhancing Literacy in Cardiovascular Genetics: A Scientific Statement From the American Heart Association. <i>Circulation: Cardiovascular Genetics</i> , 2016, 9, 448-467.	5.1	64
408	The Future of Cardiac Imaging. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 1211-1223.	2.3	41
409	Exigencies of Biomarker Research in the Developing World: A Focus on the Dearth of Biobanking Resources. , 2016, , 1-7.		0
410	Thyroid dysfunction in the era of precision medicine. <i>EndocrinologÃa Y NutriciÃ³n (English Edition)</i> , 2016, 63, 354-363.	0.5	4
411	Identification of a TSPY co-expression network associated with DNA hypomethylation and tumor gene expression in somatic cancers. <i>Journal of Genetics and Genomics</i> , 2016, 43, 577-585.	1.7	8
412	A microchip for integrated single-cell genotoxicity assay. <i>Talanta</i> , 2016, 161, 804-811.	2.9	3
413	Precision medicine in diffuse large B-cell lymphoma: Hype or hope?. <i>European Journal of Cancer</i> , 2016, 68, 22-26.	1.3	1
414	Rational prescribing: the principles of drug selection. <i>Clinical Medicine</i> , 2016, 16, 459-464.	0.8	50
415	Precision medicine: from pharmacogenomics to pharmacoproteomics. <i>Clinical Proteomics</i> , 2016, 13, 25.	1.1	33
416	The Ensembl Variant Effect Predictor. <i>Genome Biology</i> , 2016, 17, 122.	3.8	5,181
417	Guidelines for Large-Scale Sequence-Based Complex Trait Association Studies: Lessons Learned from the NHLBI Exome Sequencing Project. <i>American Journal of Human Genetics</i> , 2016, 99, 791-801.	2.6	79
418	State-of-the-Art Series on Precision Medicine in Respiratory Diseases. <i>Respiration</i> , 2016, 92, 197-198.	1.2	1
419	Connecting the Dots. <i>Circulation</i> , 2016, 134, 362-364.	1.6	18
420	Challenges of implementing personalized (precision) medicine: a focus on diabetes. <i>Personalized Medicine</i> , 2016, 13, 485-497.	0.8	5
421	Data Mining and Clinical Decision Support Systems. <i>Computers in Health Care</i> , 2016, , 45-68.	0.2	6
422	Clinical Outcomes of <i>TP53</i> Mutations in Cancers. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2016, 6, a026294.	2.9	49
424	Precision medicine in acute myeloid leukemia: Hope, hype or both?. <i>Leukemia Research</i> , 2016, 48, 73-77.	0.4	12
425	Precision medicine in idiopathic pulmonary fibrosis. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2016, 109, 585-587.	0.2	15

#	ARTICLE	IF	CITATIONS
426	Population-Based Precision Cancer Screening: A Symposium on Evidence, Epidemiology, and Next Steps. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016, 25, 1449-1455.	1.1	43
427	Environmental influences on reproductive health: the importance of chemical exposures. <i>Fertility and Sterility</i> , 2016, 106, 905-929.	0.5	87
428	Pediatric Oncology Provider Views on Performing a Biopsy of Solid Tumors in Children with Relapsed or Refractory Disease for the Purpose of Genomic Profiling. <i>Annals of Surgical Oncology</i> , 2016, 23, 990-997.	0.7	17
429	Leveraging big data to transform target selection and drug discovery. <i>Clinical Pharmacology and Therapeutics</i> , 2016, 99, 285-297.	2.3	147
430	Controversies in Inherited Bleeding Disorders. <i>Seminars in Thrombosis and Hemostasis</i> , 2016, 42, 459-462.	1.5	6
431	Use of metaphors about exome and whole genome sequencing. <i>American Journal of Medical Genetics, Part A</i> , 2016, 170, 1127-1133.	0.7	4
432	Gene mutation-based and specific therapies in precision medicine. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 577-580.	1.6	24
433	Clinical implications of omics and systems medicine: focus on predictive and individualized treatment. <i>Journal of Internal Medicine</i> , 2016, 279, 229-240.	2.7	49
434	Views of Cohort Study Participants about Returning Research Results in the Context of Precision Medicine. <i>Public Health Genomics</i> , 2016, 19, 269-275.	0.6	6
435	Metastatic Breast Cancer With <i>ESR1</i> Mutation: Clinical Management Considerations From the Molecular and Precision Medicine (MAP) Tumor Board at Massachusetts General Hospital. <i>Oncologist</i> , 2016, 21, 1035-1040.	1.9	18
436	Toward Precision Medicine: <i>TBC1D4</i> Disruption Is Common Among the Inuit and Leads to Underdiagnosis of Type 2 Diabetes. <i>Diabetes Care</i> , 2016, 39, 1889-1895.	4.3	33
437	Implementing genomics and pharmacogenomics in the clinic: The National Human Genome Research Institute's genomic medicine portfolio. <i>Atherosclerosis</i> , 2016, 253, 225-236.	0.4	23
438	Omic Biological Markers. , 2016, , 63-80.		0
439	Current Status of Genome Editing in Cardiovascular Medicine. , 2016, , 107-126.		1
440	Opportunities for community awareness platforms in personal genomics and bioinformatics education. <i>Briefings in Bioinformatics</i> , 2016, 18, bbw078.	3.2	2
441	Genetics of cardiovascular diseases: lessons learned from a decade of genomics research in Iceland. <i>Scandinavian Cardiovascular Journal</i> , 2016, 50, 260-265.	0.4	4
442	Current Controversies in the Pharmacological Treatment of Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 541-549.	2.5	73
443	Precision medicine, genomics and drug discovery: Table 1.. <i>Human Molecular Genetics</i> , 2016, 25, R166-R172.	1.4	43

#	ARTICLE	IF	CITATIONS
444	Aggregation and Prion-Like Properties of Misfolded Tumor Suppressors: Is Cancer a Prion Disease?. Cold Spring Harbor Perspectives in Biology, 2016, 8, a023614.	2.3	70
445	PRECISION MEDICINE: DATA AND DISCOVERY FOR IMPROVED HEALTH AND THERAPY. , 2016, ,		2
446	Uncertainty in the Era of Precision Medicine. New England Journal of Medicine, 2016, 375, 711-713.	13.9	106
447	Oestrogen receptor status, treatment and breast cancer prognosis in Icelandic BRCA2 mutation carriers. British Journal of Cancer, 2016, 115, 776-783.	2.9	35
448	Towards precision medicine. Nature Reviews Genetics, 2016, 17, 507-522.	7.7	651
449	Epigenetic Mechanisms as Key Regulators in Disease. , 2016, , 37-66.		0
450	Diagnosis and Molecular Classification of Lung Cancer. Cancer Treatment and Research, 2016, 170, 25-46.	0.2	172
451	Transcriptome Profiling of Patient-Specific Human iPSC-Cardiomyocytes Predicts Individual Drug Safety and Efficacy Responses In Vitro. Cell Stem Cell, 2016, 19, 311-325.	5.2	131
452	Parkinson's disease is ready for precision medicine. Personalized Medicine, 2016, 13, 405-407.	0.8	7
453	The Tohoku Medical Megabank Project: Design and Mission. Journal of Epidemiology, 2016, 26, 493-511.	1.1	236
454	MathIOmica: An Integrative Platform for Dynamic Omics. Scientific Reports, 2016, 6, 37237.	1.6	35
456	¾ Exploring De-Identified Electronic Health Record Data with i2b2. , 2016, , 221-234.		0
457	Transcriptome Variability in Keratocystic Odontogenic Tumor Suggests Distinct Molecular Subtypes. Scientific Reports, 2016, 6, 24236.	1.6	9
458	Unsupervised data-driven stratification of mentalizing heterogeneity in autism. Scientific Reports, 2016, 6, 35333.	1.6	60
459	Evaluation of sex- and gender-based medicine training in post-graduate medical education: a cross-sectional survey study. Biology of Sex Differences, 2016, 7, 38.	1.8	21
460	Pharmacogenomics to achieve precision medicine. American Journal of Health-System Pharmacy, 2016, 73, 1906-1907.	0.5	7
461	The Qatar genome: a population-specific tool for precision medicine in the Middle East. Human Genome Variation, 2016, 3, 16016.	0.4	103
462	Stable Upconversion Nanohybrid Particles for Specific Prostate Cancer Cell Immunodetection. Scientific Reports, 2016, 6, 37533.	1.6	25

#	ARTICLE	IF	CITATIONS
463	Improving the diagnosis of eosinophilic asthma. <i>Expert Review of Respiratory Medicine</i> , 2016, 10, 1093-1103.	1.0	38
464	Defining Glomerular Disease in Mechanistic Terms: Implementing an Integrative Biology Approach in Nephrology. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2016, 11, 2054-2060.	2.2	37
465	Analysis of Treatment Tolerance and Factors Associated with Overall Survival in Elderly Patients with Glioblastoma. <i>World Neurosurgery</i> , 2016, 95, 77-84.	0.7	18
466	From "Personalized" to "Precision" Medicine: The Ethical and Social Implications of Rhetorical Reform in Genomic Medicine. <i>Hastings Center Report</i> , 2016, 46, 21-33.	0.7	115
467	Precision Medicine in Assisted Conception: A Multicenter Observational Treatment Cohort Study of the Annexin A5 M2 Haplotype as a Biomarker for Antithrombotic Treatment to Improve Pregnancy Outcome. <i>EBioMedicine</i> , 2016, 10, 298-304.	2.7	22
468	Defining a Mobile Health Roadmap for Cardiovascular Health and Disease. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	38
469	Challenges and Hurdles to Business as Usual in Drug Development for Treatment of Rare Diseases. <i>Clinical Pharmacology and Therapeutics</i> , 2016, 100, 339-341.	2.3	5
470	New Therapeutic Approaches to Modulate and Correct Cystic Fibrosis Transmembrane Conductance Regulator. <i>Pediatric Clinics of North America</i> , 2016, 63, 751-764.	0.9	26
471	Potential Reuse of Oncology Drugs in the Treatment of Rare Diseases. <i>Trends in Pharmacological Sciences</i> , 2016, 37, 843-857.	4.0	18
472	Physical Activity and Cancer Outcomes: A Precision Medicine Approach. <i>Clinical Cancer Research</i> , 2016, 22, 4766-4775.	3.2	228
473	Effects of methotrexate on the viscoelastic properties of single cells probed by atomic force microscopy. <i>Journal of Biological Physics</i> , 2016, 42, 551-569.	0.7	28
474	Precision Education Initiative: Moving Toward Personalized Education. <i>Mind, Brain, and Education</i> , 2016, 10, 209-211.	0.9	60
475	Personalized Therapy by Phenotype and Genotype. <i>Diabetes Care</i> , 2016, 39, S127-S136.	4.3	13
476	Pharmacokinetic Pharmacogenetic Prescribing Guidelines for Antidepressants: A Template for Psychiatric Precision Medicine. <i>Mayo Clinic Proceedings</i> , 2016, 91, 897-907.	1.4	62
477	Mission critical: the need for proteomics in the era of next-generation sequencing and precision medicine. <i>Human Molecular Genetics</i> , 2016, 25, R182-R189.	1.4	23
478	Circulation : The Beat Goes On. <i>Circulation</i> , 2016, 134, 6-8.	1.6	6
479	Prevention of stroke: a strategic global imperative. <i>Nature Reviews Neurology</i> , 2016, 12, 501-512.	4.9	162
480	The Traveling Microbiome. <i>Current Infectious Disease Reports</i> , 2016, 18, 29.	1.3	28

#	ARTICLE	IF	CITATIONS
481	Inherited heart disease “ what can we expect from the second decade of human i<scp>PS</scp> cell research?. FEBS Letters, 2016, 590, 2482-2493.	1.3	31
482	Precision medicine and the changing role of regulatory agencies. Nature Reviews Drug Discovery, 2016, 15, 805-806.	21.5	14
483	The Anatomy to Genomics (ATG) Start Genetics medical school initiative: incorporating exome sequencing data from cadavers used for Anatomy instruction into the first year curriculum. BMC Medical Genomics, 2016, 9, 62.	0.7	10
484	Twenty Years in Maine. Current Topics in Developmental Biology, 2016, 116, 435-443.	1.0	0
485	Thyroid dysfunction in the era of precision medicine. Endocrinologia Y Nutricion: Organo De La Sociedad Espanola De Endocrinologia Y Nutricion, 2016, 63, 354-363.	0.8	5
486	Precision Medicine: What Challenges Are We Facing?. Genomics, Proteomics and Bioinformatics, 2016, 14, 253-261.	3.0	15
487	A Patient Centered Cloud Platform for Mobile-Health Enabled Clinical Research. , 2016, , .		2
488	Systematic Analysis of Cell-to-Cell Expression Variation of T Lymphocytes in a Human Cohort Identifies Aging and Genetic Associations. Immunity, 2016, 45, 1162-1175.	6.6	42
489	Development and validation of a whole-exome sequencing test for simultaneous detection of point mutations, indels and copy-number alterations for precision cancer care. Npj Genomic Medicine, 2016, 1, .	1.7	68
490	The minimal amount of starting DNA for Agilentâ€™s hybrid capture-based targeted massively parallel sequencing. Scientific Reports, 2016, 6, 26732.	1.6	37
491	Indel variant analysis of short-read sequencing data with Scalpel. Nature Protocols, 2016, 11, 2529-2548.	5.5	99
492	Using group data to treat individuals: understanding heterogeneous treatment effects in the age of precision medicine and patient-centred evidence. International Journal of Epidemiology, 2016, 45, dyw125.	0.9	66
493	Consent Issues in Genetic Research: Views of Research Participants. Public Health Genomics, 2016, 19, 220-228.	0.6	21
494	Precision medicine in oncology: New practice models and roles for oncology pharmacists. American Journal of Health-System Pharmacy, 2016, 73, 1935-1942.	0.5	34
495	Aggregate penetrance of genomic variants for actionable disorders in European and African Americans. Science Translational Medicine, 2016, 8, 364ra151.	5.8	55
496	Medicine in the early twenty-first century: paradigm and anticipation - EPMA position paper 2016. EPMA Journal, 2016, 7, 23.	3.3	292
497	The rise of genomic profiling in ovarian cancer. Expert Review of Molecular Diagnostics, 2016, 16, 1337-1351.	1.5	18
498	Keep Swimming Toward Precision Medicine Discoveries. Zebrafish, 2016, 13, 545-547.	0.5	2

#	ARTICLE	IF	CITATIONS
500	The search for imaging biomarkers in psychiatric disorders. <i>Nature Medicine</i> , 2016, 22, 1248-1255.	15.2	180
501	Large Cohorts: Toward Routine Databases for Public Health Science. <i>American Journal of Public Health</i> , 2016, 106, 1536-1537.	1.5	1
502	Computational Approaches to Accelerating Novel Medicine and Better Patient Care from Bedside to Benchtop. <i>Advances in Protein Chemistry and Structural Biology</i> , 2016, 102, 147-179.	1.0	2
503	The Internet of Things and Cognitive Computing. <i>Handbook of Statistics</i> , 2016, , 341-373.	0.4	3
504	Quantifying unobserved protein-coding variants in human populations provides a roadmap for large-scale sequencing projects. <i>Nature Communications</i> , 2016, 7, 13293.	5.8	35
505	Printed Drug-Delivery Systems for Improved Patient Treatment. <i>Trends in Pharmacological Sciences</i> , 2016, 37, 1070-1080.	4.0	116
506	Translational Biomedical Informatics. <i>Advances in Experimental Medicine and Biology</i> , 2016, , .	0.8	1
507	Text Mining for Precision Medicine: Bringing Structure to EHRs and Biomedical Literature to Understand Genes and Health. <i>Advances in Experimental Medicine and Biology</i> , 2016, 939, 139-166.	0.8	46
508	The Development of Integrative Medicine. <i>Integrative Medicine International</i> , 2016, 3, 96-98.	0.6	5
509	Progress and prospects for the discovery of biomarkers for gastric cancer: a focus on proteomics. <i>Expert Review of Proteomics</i> , 2016, 13, 1131-1139.	1.3	11
510	Ethical and legal considerations for pediatric biobank consent: current and future perspectives. <i>Personalized Medicine</i> , 2016, 13, 597-607.	0.8	5
511	Advancing pharmaceutical quality: An overview of science and research in the U.S. FDA's Office of Pharmaceutical Quality. <i>International Journal of Pharmaceutics</i> , 2016, 515, 390-402.	2.6	54
512	Going Digital: A Survey on Digitalization and Large-Scale Data Analytics in Healthcare. <i>Proceedings of the IEEE</i> , 2016, 104, 2180-2206.	16.4	89
513	Evolving telehealth reimbursement in Australia. <i>Internal Medicine Journal</i> , 2016, 46, 977-981.	0.5	12
514	Challenge of phenotype estimation for optimal treatment of Krabbe disease. <i>Journal of Neuroscience Research</i> , 2016, 94, 1025-1030.	1.3	12
515	Identification of genomic loci associated with resting heart rate and shared genetic predictors with all-cause mortality. <i>Nature Genetics</i> , 2016, 48, 1557-1563.	9.4	131
516	Early diagnosis of Alzheimer's disease from elevated olfactory mucosal miR-206 level. <i>Scientific Reports</i> , 2016, 6, 20364.	1.6	50
517	Citizen science or scientific citizenship? Disentangling the uses of public engagement rhetoric in national research initiatives. <i>BMC Medical Ethics</i> , 2016, 17, 33.	1.0	138

#	ARTICLE	IF	CITATIONS
518	The Impact of Precision Medicine in Diabetes: A Multidimensional Perspective. <i>Diabetes Care</i> , 2016, 39, 1854-1857.	4.3	17
519	The Reemergence of the Asthma-COPD Overlap Syndrome: Characterizing a Syndrome in the Precision Medicine Era. <i>Current Allergy and Asthma Reports</i> , 2016, 16, 81.	2.4	3
520	ST2-Based Precision Medicine in Device Management: the Next Frontier Beyond MADIT-CRT?. <i>Journal of Cardiovascular Translational Research</i> , 2016, 9, 419-420.	1.1	0
521	The Pace of Technologic Change. <i>American Journal of Preventive Medicine</i> , 2016, 51, 816-824.	1.6	144
522	“Big Data” for breast cancer: where to look and what you will find. <i>Npj Breast Cancer</i> , 2016, 2, .	2.3	21
523	Resolving <i>TYK2</i> locus genotype-to-phenotype differences in autoimmunity. <i>Science Translational Medicine</i> , 2016, 8, 363ra149.	5.8	186
524	Mendelian randomization analysis of a time-varying exposure for binary disease outcomes using functional data analysis methods. <i>Genetic Epidemiology</i> , 2016, 40, 744-755.	0.6	13
526	Sex based subgroup differences in randomized controlled trials: empirical evidence from Cochrane meta-analyses. <i>BMJ</i> , The, 2016, 355, i5826.	3.0	56
527	Advanced Mass Spectrometric Technologies as the Key in Novel Drug Development Linked with Clinical Proteomics. <i>Journal of the Mass Spectrometry Society of Japan</i> , 2016, 64, 65-69.	0.0	0
528	Genomics: Prediction, Prevention, Priorities, and Punnett. <i>Annals of Internal Medicine</i> , 2016, 164, 197.	2.0	0
529	Genomic medicine in the military. <i>Npj Genomic Medicine</i> , 2016, 1, 15008.	1.7	25
530	Understanding scientific data sharing outside of the academy. <i>Proceedings of the Association for Information Science and Technology</i> , 2016, 53, 1-5.	0.3	1
531	Polytobacco Use and the “Customization Generation” New Perspectives for Tobacco Control. <i>Journal of Drug Education</i> , 2016, 46, 51-63.	0.1	5
532	If you build it, they will come: unintended future uses of organised health data collections. <i>BMC Medical Ethics</i> , 2016, 17, 54.	1.0	47
533	Integrating cancer genomic data into electronic health records. <i>Genome Medicine</i> , 2016, 8, 113.	3.6	57
534	Genomic Information may Inhibit Weight-Related Behavior Change Inclinations Among Individuals in a Fear State. <i>Annals of Behavioral Medicine</i> , 2016, 50, 452-459.	1.7	11
536	The biorepository portal toolkit: an honest brokered, modular service oriented software tool set for biospecimen-driven translational research. <i>BMC Genomics</i> , 2016, 17, 434.	1.2	18
537	Becoming partners, retaining autonomy: ethical considerations on the development of precision medicine. <i>BMC Medical Ethics</i> , 2016, 17, 67.	1.0	40

#	ARTICLE	IF	CITATIONS
538	From paediatrics to geriatrics: a life course perspective on the MRC National Survey of Health and Development. <i>European Journal of Epidemiology</i> , 2016, 31, 1069-1079.	2.5	10
539	DNMT3A R882 Mutations Predict a Poor Prognosis in AML. <i>Medicine (United States)</i> , 2016, 95, e3519.	0.4	44
540	Assessment of Genomic Literacy Among Baccalaureate Nursing Students in the United States. <i>Nurse Educator</i> , 2016, 41, 313-318.	0.6	12
541	The Role of Laboratory Tests in Crohn's Disease. <i>Clinical Medicine Insights Gastroenterology</i> , 2016, 9, CGast.S38203.	1.0	27
542	Therapeutic drug monitoring: A patient management tool for precision medicine. <i>Clinical Pharmacology and Therapeutics</i> , 2016, 99, 148-150.	2.3	34
543	Genome engineering tools for building cellular models of disease. <i>FEBS Journal</i> , 2016, 283, 3222-3231.	2.2	23
544	Annual Research Review: Building a science of personalized intervention for youth mental health. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2016, 57, 216-236.	3.1	192
545	Predicting the risk of sudden cardiac death. <i>Journal of Physiology</i> , 2016, 594, 2445-2458.	1.3	19
546	Leadership, Literacy, and Translational Expertise in Genomics: Challenges and Opportunities for Social Work. <i>Health and Social Work</i> , 2016, 41, e52-e59.	0.5	13
547	Global burden of stroke and risk factors in 188 countries, during 1990â€“2013: a systematic analysis for the Global Burden of Disease Study 2013. <i>Lancet Neurology</i> , The, 2016, 15, 913-924.	4.9	1,107
548	Big data to smart data in Alzheimer's disease: The brain health modeling initiative to foster actionable knowledge. <i>Alzheimer's and Dementia</i> , 2016, 12, 1014-1021.	0.4	65
549	Systematic identification of phenotypically enriched loci using a patient network of genomic disorders. <i>BMC Genomics</i> , 2016, 17, 232.	1.2	7
550	Massively Parallel Genetics. <i>Genetics</i> , 2016, 203, 617-619.	1.2	24
551	Precision Bariatrics: Toward a New Paradigm of Personalized Devices in Obesity Therapeutics. <i>Obesity Surgery</i> , 2016, 26, 1642-1645.	1.1	10
552	Current status of personalized medicine based on pharmacogenetics in cardiovascular medicine. <i>Expert Review of Precision Medicine and Drug Development</i> , 2016, 1, 5-8.	0.4	1
553	Current Concepts of Pharmacogenetics, Pharmacogenomics, and the "Druggable" Genome. , 2016, , 161-183.		0
554	Embracing an integrative approach to tissue biomarker research in cancer: Perspectives and lessons learned. <i>Briefings in Bioinformatics</i> , 2017, 18, bbw044.	3.2	9
555	ICM: a web server for integrated clustering of multi-dimensional biomedical data. <i>Nucleic Acids Research</i> , 2016, 44, W154-W159.	6.5	18

#	ARTICLE	IF	CITATIONS
556	Pharmacogenomics of multifactorial diseases: a focus on psoriatic arthritis. <i>Pharmacogenomics</i> , 2016, 17, 943-951.	0.6	14
557	Human Induced Pluripotent Stem Cells as a Platform for Personalized and Precision Cardiovascular Medicine. <i>Physiological Reviews</i> , 2016, 96, 1093-1126.	13.1	93
558	Clinical phenotyping in selected national networks: demonstrating the need for high-throughput, portable, and computational methods. <i>Artificial Intelligence in Medicine</i> , 2016, 71, 57-61.	3.8	84
559	Imaging Atherosclerotic Plaque Calcification: Translating Biology. <i>Current Atherosclerosis Reports</i> , 2016, 18, 51.	2.0	23
560	Precision Imaging: more descriptive, predictive and integrative imaging. <i>Medical Image Analysis</i> , 2016, 33, 27-32.	7.0	12
561	Precision medicine of aneurysmal subarachnoid hemorrhage, vasospasm and delayed cerebral ischemia. <i>Expert Review of Neurotherapeutics</i> , 2016, 16, 1251-1262.	1.4	21
562	Emerging technologies to measure neighborhood conditions in public health: implications for interventions and next steps. <i>International Journal of Health Geographics</i> , 2016, 15, 20.	1.2	66
563	Challenges influencing next generation technologies for precision medicine. <i>Expert Review of Precision Medicine and Drug Development</i> , 2016, 1, 121-123.	0.4	2
564	Use of big data in drug development for precision medicine. <i>Expert Review of Precision Medicine and Drug Development</i> , 2016, 1, 245-253.	0.4	28
565	The Current Situation on Major Depressive Disorder in China: Research on Mechanisms and Clinical Practice. <i>Neuroscience Bulletin</i> , 2016, 32, 389-397.	1.5	26
566	Current Insights into the Mechanisms and Development of Treatments for Heavy-Drinking Cigarette Smokers. <i>Current Addiction Reports</i> , 2016, 3, 125-137.	1.6	30
567	Whole genome sequencing and its applications in medical genetics. <i>Quantitative Biology</i> , 2016, 4, 115-128.	0.3	7
568	Cross-Tissue Regulatory Gene Networks in Coronary Artery Disease. <i>Cell Systems</i> , 2016, 2, 196-208.	2.9	120
571	Million Veteran Program: A mega-biobank to study genetic influences on health and disease. <i>Journal of Clinical Epidemiology</i> , 2016, 70, 214-223.	2.4	726
572	Precision Dosing in Children. <i>Expert Review of Precision Medicine and Drug Development</i> , 2016, 1, 69-78.	0.4	18
573	Regulatory barriers to the advancement of precision medicine. <i>Expert Review of Precision Medicine and Drug Development</i> , 2016, 1, 319-329.	0.4	7
574	Application of Biomaterials in Cardiac Repair and Regeneration. <i>Engineering</i> , 2016, 2, 141-148.	3.2	74
575	North Carolina Macular Dystrophy Is Caused by Dysregulation of the Retinal Transcription Factor PRDM13. <i>Ophthalmology</i> , 2016, 123, 9-18.	2.5	105

#	ARTICLE	IF	CITATIONS
576	Rethinking the role and impact of health information technology: informatics as an interventional discipline. BMC Medical Informatics and Decision Making, 2016, 16, 40.	1.5	21
577	Biomarker Tests for Molecularly Targeted Therapies – The Key to Unlocking Precision Medicine. New England Journal of Medicine, 2016, 375, 4-6.	13.9	101
578	NIH Precision Medicine Initiative: Implications for Diabetes Research: Table 1. Diabetes Care, 2016, 39, 1080-1084.	4.3	37
579	Exercise Promotes Healthy Aging of Skeletal Muscle. Cell Metabolism, 2016, 23, 1034-1047.	7.2	335
580	Pragmatic Clinical Trials in CKD: Opportunities and Challenges. Journal of the American Society of Nephrology: JASN, 2016, 27, 2948-2954.	3.0	39
581	Human gut-on-a-chip technology: will this revolutionize our understanding of IBD and future treatments?. Expert Review of Gastroenterology and Hepatology, 2016, 10, 1-3.	1.4	33
582	Economic analysis of <i>ALK</i> testing and crizotinib therapy for advanced non-small-cell lung cancer. Pharmacogenomics, 2016, 17, 985-994.	0.6	22
583	Tracking medical genetic literature through machine learning. Molecular Genetics and Metabolism, 2016, 118, 255-258.	0.5	5
584	Integrating electronic health record genotype and phenotype datasets to transform patient care. Clinical Pharmacology and Therapeutics, 2016, 99, 298-305.	2.3	23
585	Field Synopsis of the Role of Sex in Stroke Prediction Models. Journal of the American Heart Association, 2016, 5, .	1.6	11
586	The impact of personalized medicine of Type 2 diabetes mellitus in the global health context. Personalized Medicine, 2016, 13, 381-393.	0.8	3
587	Precision medicine in cardiology. Nature Reviews Cardiology, 2016, 13, 591-602.	6.1	183
588	The epigenomic self in personalized medicine: between responsibility and empowerment. Sociological Review Mongraph, 2016, 64, 203-220.	0.9	10
589	Precision medicine ethics. Current Opinion in Oncology, 2016, 28, 83-87.	1.1	40
590	Novel technologies and emerging biomarkers for personalized cancer immunotherapy. , 2016, 4, 3.		183
591	A Bright Future for Precision Medicine: Advances in Fluorescent Chemical Probe Design and Their Clinical Application. Cell Chemical Biology, 2016, 23, 122-136.	2.5	200
592	Digital health revolution: perfect storm or perfect opportunity for pharmaceutical R&D?. Drug Discovery Today, 2016, 21, 900-911.	3.2	42
593	Toward clinical genomics in everyday medicine: perspectives and recommendations. Expert Review of Molecular Diagnostics, 2016, 16, 521-532.	1.5	58

#	ARTICLE	IF	CITATIONS
594	Predicting treatment outcome in depression: so far, so good. <i>Lancet Psychiatry</i> , 2016, 3, 192-194.	3.7	3
595	The Promise and Potential Perils of Big Data for Advancing Symptom Management Research in Populations at Risk for Health Disparities. <i>Annual Review of Nursing Research</i> , 2016, 34, 247-260.	0.7	27
596	Intervention Research in Late-Life Depression: Challenges and Opportunities. <i>American Journal of Geriatric Psychiatry</i> , 2016, 24, 6-10.	0.6	13
597	Opportunities for the Cardiovascular Community in the Precision Medicine Initiative. <i>Circulation</i> , 2016, 133, 226-231.	1.6	50
598	Dietary and Policy Priorities for Cardiovascular Disease, Diabetes, and Obesity. <i>Circulation</i> , 2016, 133, 187-225.	1.6	1,501
599	Reduction in the environmental exposure of pharmaceuticals through diagnostics, Personalised Healthcare and other approaches. A mini review and discussion paper. <i>Sustainable Chemistry and Pharmacy</i> , 2016, 3, 1-7.	1.6	26
600	Precision respiratory medicine and the microbiome. <i>Lancet Respiratory Medicine</i> , 2016, 4, 73-82.	5.2	27
601	Candidate genetic modifiers of retinitis pigmentosa identified by exploiting natural variation in <i>Drosophila</i> . <i>Human Molecular Genetics</i> , 2016, 25, 651-659.	1.4	81
602	Cancer prevention as part of precision medicine: "plenty to be done". <i>Carcinogenesis</i> , 2016, 37, 2-9.	1.3	112
603	Using a theragnostic approach in juvenile idiopathic arthritis. <i>Expert Opinion on Orphan Drugs</i> , 2016, 4, 269-280.	0.5	2
604	Precision medicine for acute myeloid leukemia. <i>Expert Review of Hematology</i> , 2016, 9, 1-3.	1.0	14
605	Exome sequencing explained: a practical guide to its clinical application. <i>Briefings in Functional Genomics</i> , 2016, 15, 374-384.	1.3	58
606	Impact of Genetic Counseling and Testing on Altruistic Motivations to Test for BRCA1/2: a Longitudinal Study. <i>Journal of Genetic Counseling</i> , 2016, 25, 572-582.	0.9	8
607	Integration of molecular pathology, epidemiology and social science for global precision medicine. <i>Expert Review of Molecular Diagnostics</i> , 2016, 16, 11-23.	1.5	86
608	Circulating Tumor Cells, DNA, and mRNA: Potential for Clinical Utility in Patients With Melanoma. <i>Oncologist</i> , 2016, 21, 84-94.	1.9	20
609	Clinical Pharmacology: Current Topics and Case Studies. , 2016, , .		2
610	Archibald E. Garrod: the father of precision medicine. <i>Genetics in Medicine</i> , 2016, 18, 1088-1089.	1.1	23
611	Cardiovascular Pharmacogenomics" Implications for Patients With CKD. <i>Advances in Chronic Kidney Disease</i> , 2016, 23, 82-90.	0.6	12

#	ARTICLE	IF	CITATIONS
612	Modifying release characteristics from 3D printed drug-eluting products. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 90, 47-52.	1.9	118
613	Pharmacogenomics for personalized pain medicine. <i>Acta Anaesthesiologica Taiwanica</i> , 2016, 54, 24-30.	1.0	23
614	Precision medicine: opportunities, possibilities, and challenges for patients and providers. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2016, 23, 787-790.	2.2	64
615	Precision Medicine in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 193, 593-594.	2.5	7
616	Using Electronic Health Records for Population Health Research: A Review of Methods and Applications. <i>Annual Review of Public Health</i> , 2016, 37, 61-81.	7.6	368
617	Improvements in symptomatic treatment strategies for cystic fibrosis: delivering CF care in the 21st century. <i>Expert Opinion on Orphan Drugs</i> , 2016, 4, 5-19.	0.5	2
618	Herbal Medicine Offered as an Initiative Therapeutic Option for the Management of Hepatocellular Carcinoma. <i>Phytotherapy Research</i> , 2016, 30, 863-877.	2.8	26
619	Initiation of a formalized precision medicine program in gynecologic oncology. <i>Gynecologic Oncology</i> , 2016, 141, 24-28.	0.6	15
620	Lessons from HeLa Cells: The Ethics and Policy of Biospecimens. <i>Annual Review of Genomics and Human Genetics</i> , 2016, 17, 395-417.	2.5	90
621	A Practical Guide to The Cancer Genome Atlas (TCGA). <i>Methods in Molecular Biology</i> , 2016, 1418, 111-141.	0.4	463
622	CUSTOM-SEQ: a prototype for oncology rapid learning in a comprehensive EHR environment. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2016, 23, 692-700.	2.2	6
623	Blood on the tracks “ toward precision medicine. <i>Leukemia and Lymphoma</i> , 2016, 57, 1753-1754.	0.6	0
624	The NIH Undiagnosed Diseases Program and Network: Applications to modern medicine. <i>Molecular Genetics and Metabolism</i> , 2016, 117, 393-400.	0.5	140
625	Induced pluripotent stem cells: at the heart of cardiovascular precision medicine. <i>Nature Reviews Cardiology</i> , 2016, 13, 333-349.	6.1	152
626	Causality at the dawn of the “omics” era in medicine and in nephrology. <i>Nephrology Dialysis Transplantation</i> , 2016, 31, 1381-1385.	0.4	4
627	Biomarkers and personalized medicine: current status and further perspectives with special focus on dermatology. <i>Experimental Dermatology</i> , 2016, 25, 333-339.	1.4	31
628	The implications of ageing and life expectancy in prostate cancer treatment. <i>Nature Reviews Urology</i> , 2016, 13, 289-295.	1.9	7
629	NCG 5.0: updates of a manually curated repository of cancer genes and associated properties from cancer mutational screenings. <i>Nucleic Acids Research</i> , 2016, 44, D992-D999.	6.5	95

#	ARTICLE	IF	CITATIONS
630	Precision Medicine: The New Frontier in Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 1213-1218.	2.5	59
631	Predictors of persistence of ADHD into adulthood: a systematic review of the literature and meta-analysis. European Child and Adolescent Psychiatry, 2016, 25, 1151-1159.	2.8	144
632	The Geisinger MyCode community health initiative: an electronic health record-linked biobank for precision medicine research. Genetics in Medicine, 2016, 18, 906-913.	1.1	340
633	Big Questions for "Big Data". Annals of Emergency Medicine, 2016, 67, 237-239.	0.3	9
634	Mobile technology and the digitization of healthcare. European Heart Journal, 2016, 37, 1428-1438.	1.0	318
635	Real-world cost-effectiveness of pharmacogenetic screening for epilepsy treatment. Neurology, 2016, 86, 1086-1094.	1.5	37
636	Testing HLA-B*15:02. Neurology, 2016, 86, 1080-1081.	1.5	4
637	Optimizing mouse models for precision cancer prevention. Nature Reviews Cancer, 2016, 16, 187-196.	12.8	59
638	Quality assurance in clinical trials—the role of pathology. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2016, 468, 83-92.	1.4	9
639	Risk rtPA: An iOS mobile application based on TURN for predicting 90-day outcome after IV thrombolysis. Clinical Neurology and Neurosurgery, 2016, 142, 148-152.	0.6	0
640	Unravelling the human genome-phenome relationship using phenome-wide association studies. Nature Reviews Genetics, 2016, 17, 129-145.	7.7	222
641	Are Genetic Tests for Atherosclerosis Ready for Routine Clinical Use?. Circulation Research, 2016, 118, 607-619.	2.0	28
642	The path to personalized vascular therapy "We are closer than we think. Vascular, 2016, 24, 552-555.	0.4	0
643	The Quest for Evidence for Proton Therapy: Model-Based Approach and Precision Medicine. International Journal of Radiation Oncology Biology Physics, 2016, 95, 30-36.	0.4	105
644	The European Hematology Association Roadmap for European Hematology Research: a consensus document. Haematologica, 2016, 101, 115-208.	1.7	67
645	THE CHALLENGES IN USING ELECTRONIC HEALTH RECORDS FOR PHARMACOGENOMICS AND PRECISION MEDICINE RESEARCH. , 2016, , .		6
646	Treatable traits: toward precision medicine of chronic airway diseases. European Respiratory Journal, 2016, 47, 410-419.	3.1	746
647	Erythrocytes and their role as health indicator: Using structure in a patient-orientated precision medicine approach. Blood Reviews, 2016, 30, 263-274.	2.8	72

#	ARTICLE	IF	CITATIONS
648	Strategies in functional proteomics: Unveiling the pathways to precision oncology. <i>Cancer Letters</i> , 2016, 382, 86-94.	3.2	7
649	Benefits of strict blood-pressure lowering in hypertension. <i>Nature Reviews Cardiology</i> , 2016, 13, 125-126.	6.1	10
650	LGBT Populations and Cancer: Is It an Ignored Epidemic?. <i>LGBT Health</i> , 2016, 3, 1-2.	1.8	21
651	Precision medicine should become more "sympathetic" in managing hypertension. <i>Journal of Hypertension</i> , 2016, 34, 629-631.	0.3	0
652	Personalized Medicine in Respiratory Disease. <i>Advances in Protein Chemistry and Structural Biology</i> , 2016, 102, 115-146.	1.0	20
653	Drug Resistance to EGFR Inhibitors in Lung Cancer. <i>Chemotherapy</i> , 2016, 61, 223-235.	0.8	57
654	Incorporating a Genetic Risk Score Into Coronary Heart Disease Risk Estimates. <i>Circulation</i> , 2016, 133, 1181-1188.	1.6	198
655	The possibility of clinical sequencing in the management of cancer. <i>Japanese Journal of Clinical Oncology</i> , 2016, 46, 399-406.	0.6	26
656	Clinical proteomics-driven precision medicine for targeted cancer therapy: current overview and future perspectives. <i>Expert Review of Proteomics</i> , 2016, 13, 367-381.	1.3	39
657	The obliteration of life: depersonalization and disembodiment in the terabyte era. <i>New Genetics and Society</i> , 2016, 35, 69-89.	0.7	42
658	Clinical Trial Accrual Targeting Genomic Alterations After Next-Generation Sequencing at a Non-National Cancer Institute "Designated Cancer Program. <i>Journal of Oncology Practice</i> , 2016, 12, e396-e404.	2.5	12
659	Medical student preparedness for an era of personalized medicine: findings from one US medical school. <i>Personalized Medicine</i> , 2016, 13, 129-141.	0.8	36
660	Personalized medicine in severe influenza. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2016, 35, 893-897.	1.3	14
661	Multilabel immunofluorescence and antigen reprobng on formalin-fixed paraffin-embedded sections: novel applications for precision pathology diagnosis. <i>Modern Pathology</i> , 2016, 29, 557-569.	2.9	17
662	Individualized Statin Benefit for Determining Statin Eligibility in the Primary Prevention of Cardiovascular Disease. <i>Circulation</i> , 2016, 133, 1574-1581.	1.6	66
663	Precision Medicine Comes to Thyroidology. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 799-803.	1.8	13
664	Trends In Orphan New Molecular Entities, 1983"2014: Half Were First In Class, And Rare Cancers Were The Most Frequent Target. <i>Health Affairs</i> , 2016, 35, 464-470.	2.5	23
665	Precision Medicine for Tobacco Dependence: Development and Validation of the Nicotine Metabolite Ratio. <i>Journal of NeuroImmune Pharmacology</i> , 2016, 11, 471-483.	2.1	60

#	ARTICLE	IF	CITATIONS
666	Signaling in Host-Associated Microbial Communities. <i>Cell</i> , 2016, 164, 1288-1300.	13.5	130
667	Developments of mass spectrometry-based technologies for effective drug development linked with clinical proteomes. <i>Drug Metabolism and Pharmacokinetics</i> , 2016, 31, 3-11.	1.1	9
668	Cardiometabolic crosstalk in obesity-associated arterial hypertension. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2016, 17, 19-28.	2.6	15
669	Recent progress in genetic and epigenetic research on type 2 diabetes. <i>Experimental and Molecular Medicine</i> , 2016, 48, e220-e220.	3.2	140
670	Precision medicine: an opportunity for a paradigm shift in veterinary medicine. <i>Journal of the American Veterinary Medical Association</i> , 2016, 248, 45-48.	0.2	18
671	An emerging micro-scale immuno-analytical diagnostic tool to see the unseen. Holding promise for precision medicine and P4 medicine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1021, 14-29.	1.2	23
672	Precision Medicine and Low- to Middle-Income Countries. <i>JAMA Oncology</i> , 2016, 2, 293.	3.4	19
673	Cancer: a global concern that demands new detection technologies. <i>Analyst, The</i> , 2016, 141, 367-370.	1.7	9
674	Patient Decision Aids for Discouraging Low-Value Health Care Procedures. <i>JAMA Internal Medicine</i> , 2016, 176, 41.	2.6	1
675	Protocol for the China PEACE (Patient-centered Evaluative Assessment of Cardiac Events) Million Persons Project pilot. <i>BMJ Open</i> , 2016, 6, e010200.	0.8	69
676	Epidemiology: Then and Now. <i>American Journal of Epidemiology</i> , 2016, 183, 372-380.	1.6	15
677	Biobanking Comes of Age: The Transition to Biospecimen Science. <i>Annual Review of Pharmacology and Toxicology</i> , 2016, 56, 211-228.	4.2	60
678	Genetic screening for gynecological cancer: where are we heading?. <i>Future Oncology</i> , 2016, 12, 207-220.	1.1	11
679	A Comparative Effectiveness Trial of Alternate Formats for Presenting Benefits and Harms Information for Low-Value Screening Services. <i>JAMA Internal Medicine</i> , 2016, 176, 31.	2.6	27
680	Radiomics: Images Are More than Pictures, They Are Data. <i>Radiology</i> , 2016, 278, 563-577.	3.6	5,341
681	Machine Learning in Genomic Medicine: A Review of Computational Problems and Data Sets. <i>Proceedings of the IEEE</i> , 2016, 104, 176-197.	16.4	186
682	Genomics of Immune Diseases and New Therapies. <i>Annual Review of Immunology</i> , 2016, 34, 121-149.	9.5	47
683	Epigenome-based personalized medicine in human cancer. <i>Epigenomics</i> , 2016, 8, 119-133.	1.0	76

#	ARTICLE	IF	CITATIONS
684	Reply from Authors re: Ronald C. Chen. Decisions Regarding Whether to Use Androgen Deprivation Therapy with Radiotherapy in Prostate Cancer: Is Cardiovascular Mortality the Most Relevant Outcome? <i>Eur Urol</i> 2016;69:211â€“2. <i>European Urology</i> , 2016, 69, 212-213.	0.9	2
685	Precision Treatment and Precision Prevention. <i>JAMA Pediatrics</i> , 2016, 170, 9.	3.3	53
686	Future Directions for Pain Management. <i>Hand Clinics</i> , 2016, 32, 91-98.	0.4	19
687	Precision Public Health for the Era of Precision Medicine. <i>American Journal of Preventive Medicine</i> , 2016, 50, 398-401.	1.6	398
688	Is basic science disappearing from medicine? The decline of biomedical research in the medical literature. <i>FASEB Journal</i> , 2016, 30, 515-518.	0.2	17
689	SomVarIUS: somatic variant identification from unpaired tissue samples. <i>Bioinformatics</i> , 2016, 32, 808-813.	1.8	44
690	Personal health indexing based on medical examinations: A data mining approach. <i>Decision Support Systems</i> , 2016, 81, 54-65.	3.5	28
691	Breast Imaging in the Era of Big Data: Structured Reporting and Data Mining. <i>American Journal of Roentgenology</i> , 2016, 206, 259-264.	1.0	51
692	The hallmarks of premalignant conditions: a molecular basis for cancer prevention. <i>Seminars in Oncology</i> , 2016, 43, 22-35.	0.8	27
693	Recent Advances and Emerging Applications in Text and Data Mining for Biomedical Discovery. <i>Briefings in Bioinformatics</i> , 2016, 17, 33-42.	3.2	131
694	Healthcare Information Management Systems. <i>Computers in Health Care</i> , 2016, , .	0.2	9
695	Big-data-based edge biomarkers: study on dynamical drug sensitivity and resistance in individuals. <i>Briefings in Bioinformatics</i> , 2016, 17, 576-592.	3.2	57
696	Fusion of Quantitative Image and Genomic Biomarkers to Improve Prognosis Assessment of Early Stage Lung Cancer Patients. <i>IEEE Transactions on Biomedical Engineering</i> , 2016, 63, 1034-1043.	2.5	100
697	Integrating â€œbig dataâ€ into surgical practice. <i>Surgery</i> , 2016, 159, 371-374.	1.0	20
698	Response to: â€“Lumacaftor/ivacaftor for patients homozygous for Phe508del-CFTR: should we curb our enthusiasm?â€™ by Jones and Barry. <i>Thorax</i> , 2016, 71, 185-186.	2.7	6
699	Existing and Future Drugs for the Treatment of the Dark Side of Addiction. <i>Annual Review of Pharmacology and Toxicology</i> , 2016, 56, 299-322.	4.2	90
700	A Framework for Prioritizing Research Investments in Precision Medicine. <i>Medical Decision Making</i> , 2016, 36, 567-580.	1.2	12
701	PD-L1 expression and prognostic impact in glioblastoma. <i>Neuro-Oncology</i> , 2016, 18, 195-205.	0.6	463

#	ARTICLE	IF	CITATIONS
702	Proteomics and drug discovery in cancer. Drug Discovery Today, 2016, 21, 264-277.	3.2	25
704	Next Generation Wellness: A Technology Model for Personalizing Healthcare. Computers in Health Care, 2016, , 355-374.	0.2	5
705	In vitro cardiac tissue models: Current status and future prospects. Advanced Drug Delivery Reviews, 2016, 96, 203-213.	6.6	150
706	Applications and limitations in translating genomics to clinical practice. Translational Research, 2016, 168, 1-5.	2.2	7
707	The progress in understanding and treatment of diabetic retinopathy. Progress in Retinal and Eye Research, 2016, 51, 156-186.	7.3	730
708	Advances in computational approaches for prioritizing driver mutations and significantly mutated genes in cancer genomes. Briefings in Bioinformatics, 2016, 17, 642-656.	3.2	120
709	Problems, challenges and promises: perspectives on precision medicine. Briefings in Bioinformatics, 2016, 17, 494-504.	3.2	100
710	Imaging of cerebrovascular disorders: precision medicine and the collaterome. Annals of the New York Academy of Sciences, 2016, 1366, 40-48.	1.8	23
711	Precision Medicine and Men's Health. American Journal of Men's Health, 2017, 11, 1124-1129.	0.7	10
712	Decision support systems for personalized and participative radiation oncology. Advanced Drug Delivery Reviews, 2017, 109, 131-153.	6.6	113
713	Protein glycosylation in gastric and colorectal cancers: Toward cancer detection and targeted therapeutics. Cancer Letters, 2017, 387, 32-45.	3.2	65
714	Translational bioinformatics in the era of real-time biomedical, health care and wellness data streams. Briefings in Bioinformatics, 2017, 18, 105-124.	3.2	146
715	Integration of multiple "OMIC" biomarkers: A precision medicine strategy for lung cancer. Lung Cancer, 2017, 107, 50-58.	0.9	45
716	Synaptic degeneration and neurogranin in the pathophysiology of Alzheimer's disease. Expert Review of Neurotherapeutics, 2017, 17, 47-57.	1.4	65
717	Translational Advances in the Field of Pulmonary Hypertension. From Population Genetics to Precision Medicine and Gene Editing. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 23-31.	2.5	32
718	Do Resting Plasma β -Endorphin Levels Predict Responses to Opioid Analgesics?. Clinical Journal of Pain, 2017, 33, 12-20.	0.8	11
719	The symptom phenotype of oncology outpatients remains relatively stable from prior to through 1 week following chemotherapy. European Journal of Cancer Care, 2017, 26, e12437.	0.7	31
720	A note on statistical repeatability and study design for high-throughput assays. Statistics in Medicine, 2017, 36, 790-798.	0.8	9

#	ARTICLE	IF	CITATIONS
721	Concise Review: Induced Pluripotent Stem Cell Research in the Era of Precision Medicine. <i>Stem Cells</i> , 2017, 35, 545-550.	1.4	67
722	Applications of Micro/Nano Automation Technology in Detecting Cancer Cells for Personalized Medicine. <i>IEEE Nanotechnology Magazine</i> , 2017, 16, 217-229.	1.1	25
723	Newborn Sequencing in Genomic Medicine and Public Health. <i>Pediatrics</i> , 2017, 139, .	1.0	174
724	Genome engineering of stem cell organoids for disease modeling. <i>Protein and Cell</i> , 2017, 8, 315-327.	4.8	30
725	Evaluating Precision Medicine's Ability to Improve Population Health. <i>JAMA - Journal of the American Medical Association</i> , 2017, 317, 440.	3.8	1
726	Precision Phenotyping in Heart Failure and Pattern Clustering of Ultrasound Data for the Assessment of Diastolic Dysfunction. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 1291-1303.	2.3	78
727	Expanding Access to Large-Scale Genomic Data While Promoting Privacy: A Game Theoretic Approach. <i>American Journal of Human Genetics</i> , 2017, 100, 316-322.	2.6	33
728	Imaging biomarkers and biotypes for depression. <i>Nature Medicine</i> , 2017, 23, 16-17.	15.2	32
729	Superficial erosion and the precision management of acute coronary syndromes: not one-size-fits-all. <i>European Heart Journal</i> , 2017, 38, ehw599.	1.0	34
730	Monte Carlo decision curve analysis using aggregate data. <i>European Journal of Clinical Investigation</i> , 2017, 47, 176-183.	1.7	5
731	Health 4.0: How Virtualization and Big Data are Revolutionizing Healthcare. , 2017, , .		100
732	Denominator Issues for Personally Generated Data in Population Health Monitoring. <i>American Journal of Preventive Medicine</i> , 2017, 52, 549-553.	1.6	27
733	Whole-Genome Sequencing in Healthy People. <i>Mayo Clinic Proceedings</i> , 2017, 92, 159-172.	1.4	40
734	PRINCESS: Privacy-protecting Rare disease International Network Collaboration via Encryption through Software guard extensionS. <i>Bioinformatics</i> , 2017, 33, 871-878.	1.8	75
735	An Evidence-Based Medicine Approach to Antihyperglycemic Therapy in Diabetes Mellitus to Overcome Overtreatment. <i>Circulation</i> , 2017, 135, 180-195.	1.6	39
736	Pathway-Structured Predictive Model for Cancer Survival Prediction: A Two-Stage Approach. <i>Genetics</i> , 2017, 205, 89-100.	1.2	31
737	Genetic and neural predictors of behavioral weight loss treatment: A preliminary study. <i>Obesity</i> , 2017, 25, 66-75.	1.5	7
738	The Case for Health 4.0. , 2017, , 1-22.		10

#	ARTICLE	IF	CITATIONS
739	Security for Cyber-Physical Systems in Healthcare. , 2017, , 233-251.		14
740	Health 4.0: Application of Industry 4.0 Design Principles in Future Asthma Management. , 2017, , 23-37.		49
741	Evolving health care through personal genomics. Nature Reviews Genetics, 2017, 18, 259-267.	7.7	98
742	Energy Homeostasis of Immune Cells: Translating Cell Bioenergetics into Clinical Application in Rheumatoid Arthritis. , 2017, , 123-144.		0
743	CIViC is a community knowledgebase for expert crowdsourcing the clinical interpretation of variants in cancer. Nature Genetics, 2017, 49, 170-174.	9.4	460
744	Understanding Human Autoimmunity and Autoinflammation Through Transcriptomics. Annual Review of Immunology, 2017, 35, 337-370.	9.5	69
745	Utilization of genetic tests: analysis of gene-specific billing in Medicare claims data. Genetics in Medicine, 2017, 19, 890-899.	1.1	31
746	Decline in Cardiovascular Mortality. Circulation Research, 2017, 120, 366-380.	2.0	562
747	The Undiagnosed Diseases Network: Accelerating Discovery about Health and Disease. American Journal of Human Genetics, 2017, 100, 185-192.	2.6	142
748	“Forward-Thinking” in U.S. Biobanking. Genetic Testing and Molecular Biomarkers, 2017, 21, 148-154.	0.3	12
749	Imagining roles for epigenetics in health promotion research. Journal of Behavioral Medicine, 2017, 40, 229-238.	1.1	11
750	Electronic Communication Channel Use and Health Information Source Preferences Among Latinos in Northern Manhattan. Journal of Community Health, 2017, 42, 349-357.	1.9	18
751	Pleiotropic genetic effects influencing sleep and neurological disorders. Lancet Neurology, The, 2017, 16, 158-170.	4.9	46
752	Cystic fibrosis treatment: targeting the basic defect. Expert Opinion on Orphan Drugs, 2017, 5, 181-192.	0.5	3
753	Objective assessment of dietary patterns by use of metabolic phenotyping: a randomised, controlled, crossover trial. Lancet Diabetes and Endocrinology,the, 2017, 5, 184-195.	5.5	194
754	Toward Precision Medicine of Symptom Control in Asthma. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 147-148.	2.5	3
755	Personalized medicine: a new option for nuclear medicine and molecular imaging in the third millennium. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 563-566.	3.3	24
756	Precision oncology for acute myeloid leukemia using a knowledge bank approach. Nature Genetics, 2017, 49, 332-340.	9.4	229

#	ARTICLE	IF	CITATIONS
757	Global Risk Assessment to Guide Blood Pressure Management in Cardiovascular Disease Prevention. Hypertension, 2017, 69, e2-e9.	1.3	37
758	Targeted tumor detection: guidelines for developing biotinylated diagnostics. Chemical Communications, 2017, 53, 2154-2157.	2.2	13
759	Precision medicine in allergic disease—food allergy, drug allergy, and anaphylaxis—document of the European Academy of Allergy and Clinical Immunology and the American Academy of Allergy, Asthma and Immunology. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 1006-1021.	2.7	143
760	Chemical Biology Towards Precision Medicine. Israel Journal of Chemistry, 2017, 57, 174-178.	1.0	0
761	Recruiting families at risk for hereditary breast and ovarian cancer from a statewide cancer registry: a methodological study. Cancer Causes and Control, 2017, 28, 191-201.	0.8	18
763	Impact of genetic background and experimental reproducibility on identifying chemical compounds with robust longevity effects. Nature Communications, 2017, 8, 14256.	5.8	102
764	Explorative Analyses of Nursing Research Data. Western Journal of Nursing Research, 2017, 39, 5-19.	0.6	2
765	The road to precision oncology. Nature Genetics, 2017, 49, 320-321.	9.4	12
766	Phenome-wide association studies: a new method for functional genomics in humans. Journal of Physiology, 2017, 595, 4109-4115.	1.3	38
767	Personalising airway clearance in chronic lung disease. European Respiratory Review, 2017, 26, 160086.	3.0	73
768	A new method for analysis of whole exome sequencing data (SELIM) depending on variant prioritization. Informatics in Medicine Unlocked, 2017, 8, 51-53.	1.9	2
769	Molecular classification of tissue from a transformed non-Hodgkin's lymphoma case with unexpected long-time remission. Experimental Hematology and Oncology, 2017, 6, 3.	2.0	2
770	New challenges to psycho-oncology research: Precision medicine oncology and targeted therapies. Psycho-Oncology, 2017, 26, 144-146.	1.0	10
771	Integrated precision medicine: the role of electronic health records in delivering personalized treatment. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2017, 9, e1378.	6.6	45
772	Update: looking beyond the 100,000 Genome Project. Personalized Medicine, 2017, 14, 85-87.	0.8	6
773	Common Genetic Variant Risk Score Is Associated With Drug-Induced QT Prolongation and Torsade de Pointes Risk. Circulation, 2017, 135, 1300-1310.	1.6	96
774	Monte Carlo Modeling-Based Digital Loop-Mediated Isothermal Amplification on a Spiral Chip for Absolute Quantification of Nucleic Acids. Analytical Chemistry, 2017, 89, 3716-3723.	3.2	21
775	What Goes Around Comes Around: Lessons Learned from Economic Evaluations of Personalized Medicine Applied to Digital Medicine. Value in Health, 2017, 20, 47-53.	0.1	18

#	ARTICLE	IF	CITATIONS
776	Decision Making on Medical Innovations in a Changing Health Care Environment: Insights from Accountable Care Organizations and Payers on Personalized Medicine and Other Technologies. <i>Value in Health</i> , 2017, 20, 40-46.	0.1	17
777	Towards a better cancer precision medicine: Systems biology meets immunotherapy. <i>Current Opinion in Systems Biology</i> , 2017, 2, 67-73.	1.3	7
778	From exomes to genomes: challenges and solutions in population-based genetic association studies. <i>European Journal of Human Genetics</i> , 2017, 25, 395-396.	1.4	4
779	Nanoparticle imaging probes for molecular imaging with computed tomography and application to cancer imaging. , 2017, , .		5
780	Evaluation of Evidence of Statistical Support and Corroboration of Subgroup Claims in Randomized Clinical Trials. <i>JAMA Internal Medicine</i> , 2017, 177, 554.	2.6	108
781	The Personal and Public Meaning of Biological Roots. <i>American Journal of Public Health</i> , 2017, 107, 11-13.	1.5	0
782	Corrected ROC analysis for misclassified binary outcomes. <i>Statistics in Medicine</i> , 2017, 36, 2148-2160.	0.8	11
783	Beliefs about genetic influences on eating behaviors: Characteristics and associations with weight management confidence. <i>Eating Behaviors</i> , 2017, 26, 93-98.	1.1	30
784	Review: Genetic research on alcohol use outcomes in African American populations: A review of the literature, associated challenges, and implications. <i>American Journal on Addictions</i> , 2017, 26, 486-493.	1.3	36
785	Informed Consent. <i>New England Journal of Medicine</i> , 2017, 376, 856-867.	13.9	158
786	Intraoperative irradiation: precision medicine for quality cancer control promotion. <i>Radiation Oncology</i> , 2017, 12, 36.	1.2	18
787	Development of large-scale functional networks from birth to adulthood: A guide to the neuroimaging literature. <i>NeuroImage</i> , 2017, 160, 15-31.	2.1	322
788	Toward Precision Diagnostics. <i>Academic Emergency Medicine</i> , 2017, 24, 644-646.	0.8	3
789	The acceptability of self-sampled screening for HPV DNA: a systematic review and meta-analysis. <i>Sexually Transmitted Infections</i> , 2017, 93, 56-61.	0.8	165
790	Disclosing Genetic Risk for Coronary Heart Disease: Attitudes Toward Personal Information in Health Records. <i>American Journal of Preventive Medicine</i> , 2017, 52, 499-506.	1.6	9
791	Public Attitudes toward Consent and Data Sharing in Biobank Research: A Large Multi-site Experimental Survey in the US. <i>American Journal of Human Genetics</i> , 2017, 100, 414-427.	2.6	172
792	Using Zebrafish for High-Throughput Screening of Novel Cardiovascular Drugs. <i>JACC Basic To Translational Science</i> , 2017, 2, 1-12.	1.9	34
793	Continuous Renal Replacement Therapy Update: An Emphasis on Safe and High-Quality Care. <i>AACN Advanced Critical Care</i> , 2017, 28, 31-40.	0.6	2

#	ARTICLE	IF	CITATIONS
794	Precision radiation oncology: Achievements and challenges. Precision Radiation Oncology, 2017, 1, 4-6.	0.4	2
795	Omics for Understanding the Gut-Liver-Microbiome Axis and Precision Medicine. Clinical Pharmacology in Drug Development, 2017, 6, 176-185.	0.8	16
796	Toxicology of Herbal Products. , 2017, , .		9
797	A Precision Medicine Initiative for Alzheimer's disease: the road ahead to biomarker-guided integrative disease modeling. Climacteric, 2017, 20, 107-118.	1.1	112
798	Which Results to Return: Subjective Judgments in Selecting Medically Actionable Genes. Genetic Testing and Molecular Biomarkers, 2017, 21, 184-194.	0.3	17
799	Why Has Model-Informed Precision Dosing Not Yet Become Common Clinical Reality? Lessons From the Past and a Roadmap for the Future. Clinical Pharmacology and Therapeutics, 2017, 101, 646-656.	2.3	169
800	Genomics and Precision Medicine for Clinicians and Scientists in Hypertension. Hypertension, 2017, 69, e10-e13.	1.3	29
801	Precision Medicine "Nobody Is Average. Clinical Pharmacology and Therapeutics, 2017, 101, 304-307.	2.3	13
804	BRIDG: a domain information model for translational and clinical protocol-driven research. Journal of the American Medical Informatics Association: JAMIA, 2017, 24, 882-890.	2.2	24
805	Randomised controlled trial evaluation of Tweet2Quit: a social network quit-smoking intervention. Tobacco Control, 2017, 26, 188-194.	1.8	77
806	A New Paradigm. "Learn " Learn More", Dose-Exposure-Response at the Center of Drug Development and Regulatory Approval. Clinical Pharmacology and Therapeutics, 2017, 102, 942-950.	2.3	10
807	Clinically useful brain imaging for neuropsychiatry: How can we get there?. Depression and Anxiety, 2017, 34, 578-587.	2.0	25
808	A Pathway to Personalizing Therapy for Metastases Using Liver-on-a-Chip Platforms. Stem Cell Reviews and Reports, 2017, 13, 364-380.	5.6	22
809	Precision Medicine With Point-of-Care Ultrasound. Pediatric Emergency Care, 2017, 33, 206-209.	0.5	16
810	Genetics of common complex diseases: a view from Iceland. European Journal of Internal Medicine, 2017, 41, 3-9.	1.0	3
811	Tumour ellipsification in ultrasound images for treatment prediction in breast cancer. , 2017, , .		1
812	Enhancing Insights into Pulmonary Vascular Disease through a Precision Medicine Approach. A Joint NHLBI "Cardiovascular Medical Research and Education Fund Workshop Report. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 1661-1670.	2.5	59
813	Deep learning: from chemoinformatics to precision medicine. Journal of Pharmaceutical Investigation, 2017, 47, 317-323.	2.7	11

#	ARTICLE	IF	CITATIONS
814	Automated detection and quantification of residual brain tumor using an interactive computer-aided detection scheme. Proceedings of SPIE, 2017, , .	0.8	0
815	The new field of "precision psychiatry". BMC Medicine, 2017, 15, 80.	2.3	347
816	Leveraging Molecular Data Analysis to Understand Drug Response in Systemic Sclerosis. Journal of Investigative Dermatology, 2017, 137, 1000-1002.	0.3	1
817	Drug-Induced Arrhythmias, Precision Medicine, and Small Data. Circulation: Arrhythmia and Electrophysiology, 2017, 10, .	2.1	1
818	Lung carcinogenesis and fibrosis taken together. Current Opinion in Pulmonary Medicine, 2017, 23, 290-297.	1.2	5
819	On a Collision Course: The Electronic Medical Record and Genetic Studies of Asthma. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 412-414.	2.5	4
820	Chaperone protein gets personal. Nature, 2017, 545, 36-37.	13.7	3
821	Clinical chemoproteomics"Opportunities and obstacles. Science Translational Medicine, 2017, 9, .	5.8	21
822	Twenty-First Century Diseases: Commonly Rare and Rarely Common?. Antioxidants and Redox Signaling, 2017, 27, 511-516.	2.5	0
823	Toward Usable Evidence. , 2017, 2017, 3071-3082.		30
824	Implications of the 21st Century Cures Act for the Behavioral and Social Sciences at the National Institutes of Health. Health Education and Behavior, 2017, 44, 356-359.	1.3	5
825	An American Thoracic Society/National Heart, Lung, and Blood Institute Workshop Report: Addressing Respiratory Health Equality in the United States. Annals of the American Thoracic Society, 2017, 14, 814-826.	1.5	27
826	Homocysteine and all-cause mortality in hypertensive adults without pre-existing cardiovascular conditions. Medicine (United States), 2017, 96, e5862.	0.4	20
827	Understanding principles of integration and segregation using whole-brain computational connectomics: implications for neuropsychiatric disorders. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20160283.	1.6	95
828	Dynamic and temporal assessment of human dried blood spot MS/MSALL shotgun lipidomics analysis. Nutrition and Metabolism, 2017, 14, 28.	1.3	28
829	Using genetics to inform new therapeutics for diabetes. Expert Review of Endocrinology and Metabolism, 2017, 12, 159-169.	1.2	0
830	Individualized antiretroviral therapeutic approaches. Aids, 2017, 31, 1065-1071.	1.0	22
831	Precision Dentistry in Early Childhood. Dental Clinics of North America, 2017, 61, 619-625.	0.8	19

#	ARTICLE	IF	CITATIONS
832	The Effect of Endogenous and Synthetic Estrogens on Whole Blood Clot Formation and Erythrocyte Structure. <i>Microscopy and Microanalysis</i> , 2017, 23, 599-606.	0.2	11
833	Metabolic Radiomics for Pretreatment 18F-FDG PET/CT to Characterize Locally Advanced Breast Cancer: Histopathologic Characteristics, Response to Neoadjuvant Chemotherapy, and Prognosis. <i>Scientific Reports</i> , 2017, 7, 1556.	1.6	101
834	<i>AJRCCM</i> : 100-Year Anniversary. <i>Progress in Interstitial Lung Disease. American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 1104-1107.	2.5	4
835	Introduction to Special Issue on Tobacco and Other Substance Use Disorders: Links and Implications. <i>American Journal of Drug and Alcohol Abuse</i> , 2017, 43, 129-131.	1.1	4
836	Precision immunomedicine. <i>Emerging Microbes and Infections</i> , 2017, 6, 1-3.	3.0	2
837	Precision reproductive medicine: multigene panel testing for infertility risk assessment. <i>Journal of Assisted Reproduction and Genetics</i> , 2017, 34, 967-973.	1.2	11
838	Pharmaceutical Industry Performance. <i>AAPS Advances in the Pharmaceutical Sciences Series</i> , 2017, , 3-25.	0.2	0
839	The Human Genome. , 2017, , 1-19.		0
840	Educational Issues and Strategies for Genomic Medicine. , 2017, , 299-311.		0
841	MicroRNA-21 as a prognostic biomarker in patients with pancreatic cancer – A systematic review and meta-analysis. <i>American Journal of Surgery</i> , 2017, 214, 515-524.	0.9	32
842	Landscape of Combination Immunotherapy and Targeted Therapy to Improve Cancer Management. <i>Cancer Research</i> , 2017, 77, 3666-3671.	0.4	93
843	The Effect of Sedation on Cortical Activation: A Randomized Study Comparing the Effects of Sedation With Midazolam, Propofol, and Dexmedetomidine on Auditory Processing. <i>Anesthesia and Analgesia</i> , 2017, 124, 1603-1610.	1.1	18
844	Precision toxicology based on single cell sequencing: an evolving trend in toxicological evaluations and mechanism exploration. <i>Archives of Toxicology</i> , 2017, 91, 2539-2549.	1.9	25
845	Inference in the age of big data: Future perspectives on neuroscience. <i>NeuroImage</i> , 2017, 155, 549-564.	2.1	161
846	Efficient design of clinical trials and epidemiological research: is it possible?. <i>Nature Reviews Cardiology</i> , 2017, 14, 493-501.	6.1	34
847	Cardiovascular precision medicine: Bad news from the front?. <i>Porto Biomedical Journal</i> , 2017, 2, 99-101.	0.4	1
848	Age and sex in drug development and testing for adults. <i>Pharmacological Research</i> , 2017, 121, 83-93.	3.1	65
849	Primer in Genetics and Genomics, Article 1. <i>Biological Research for Nursing</i> , 2017, 19, 7-17.	1.0	8

#	ARTICLE	IF	CITATIONS
850	The CKD Classification System in the Precision Medicine Era. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2017, 12, 346-348.	2.2	32
851	Open mHealth Architecture: A Primer for Tomorrow's Orthopedic Surgeon and Introduction to Its Use in Lower Extremity Arthroplasty. <i>Journal of Arthroplasty</i> , 2017, 32, 1058-1062.	1.5	35
852	A Precision Medicine Approach to Improve Cancer Rehabilitation's Impact and Integration with Cancer Care and Optimize Patient Wellness. <i>Current Physical Medicine and Rehabilitation Reports</i> , 2017, 5, 64-73.	0.3	24
853	Basic Concepts in Molecular Biology Related to Genetics and Epigenetics. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2017, 70, 744-753.	0.4	13
854	Precision Medicine for Heart Failure. <i>Circulation: Heart Failure</i> , 2017, 10, .	1.6	9
855	Pulmonary Hypertension and Precision Medicine through the "Omics" Looking Glass. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 1558-1560.	2.5	5
856	Dual antiretroviral therapy for HIV infection. <i>Expert Opinion on Drug Safety</i> , 2017, 16, 923-932.	1.0	47
857	Raman-Encoded Molecular Imaging with Topically Applied SERS Nanoparticles for Intraoperative Guidance of Lumpectomy. <i>Cancer Research</i> , 2017, 77, 4506-4516.	0.4	75
858	Introduction to a review series on precision hematology. <i>Blood</i> , 2017, 130, 408-409.	0.6	6
859	Precision Radiology: Predicting longevity using feature engineering and deep learning methods in a radiomics framework. <i>Scientific Reports</i> , 2017, 7, 1648.	1.6	123
860	GenomeVIP: a cloud platform for genomic variant discovery and interpretation. <i>Genome Research</i> , 2017, 27, 1450-1459.	2.4	15
861	<sc>P4</sc> medicine approach to obstructive sleep apnoea. <i>Respirology</i> , 2017, 22, 849-860.	1.3	51
862	Baseline risk factors for drug use among African-American patients during first-month induction/stabilization on methadone. <i>Journal of Substance Abuse Treatment</i> , 2017, 78, 15-21.	1.5	24
863	Immunogenomics: using genomics to personalize cancer immunotherapy. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2017, 471, 209-219.	1.4	7
864	Patient-Specific Induced Pluripotent Stem Cell-Based Disease Model for Pathogenesis Studies and Clinical Pharmacotherapy. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, .	2.1	10
865	Identifying "super responders" in pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2017, 7, 300-311.	0.8	19
866	Understanding the role of genetics in hypertension. <i>European Heart Journal</i> , 2017, 38, 2309-2312.	1.0	41
867	Pharmacogenetics of asthma. <i>Current Opinion in Pulmonary Medicine</i> , 2017, 23, 12-20.	1.2	27

#	ARTICLE	IF	CITATIONS
868	From mechanism to therapies in systemic lupus erythematosus. <i>Current Opinion in Rheumatology</i> , 2017, 29, 178-186.	2.0	32
869	Equal Treatment and Outcomes for Everyone with Multiple Myeloma: Are We There Yet?. <i>Current Hematologic Malignancy Reports</i> , 2017, 12, 309-316.	1.2	22
870	Breast Cancer Multi-classification from Histopathological Images with Structured Deep Learning Model. <i>Scientific Reports</i> , 2017, 7, 4172.	1.6	354
871	The need to develop a patient-centered precision medicine model for adults with chronic disability. <i>Expert Review of Molecular Diagnostics</i> , 2017, 17, 415-418.	1.5	7
872	Human heart disease: lessons from human pluripotent stem cell-derived cardiomyocytes. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 3711-3739.	2.4	51
873	Applying Quantitative CT Image Feature Analysis to Predict Response of Ovarian Cancer Patients to Chemotherapy. <i>Academic Radiology</i> , 2017, 24, 1233-1239.	1.3	41
874	A Fast and Accurate Algorithm to Test for Binary Phenotypes and Its Application to PheWAS. <i>American Journal of Human Genetics</i> , 2017, 101, 37-49.	2.6	116
875	Identification of epigenetic interactions between miRNA and DNA methylation associated with gene expression as potential prognostic markers in bladder cancer. <i>BMC Medical Genomics</i> , 2017, 10, 30.	0.7	59
876	Cancer subtypes in aetiological research. <i>European Journal of Epidemiology</i> , 2017, 32, 353-361.	2.5	15
878	Evaluating the Clinical Validity of Gene-Disease Associations: An Evidence-Based Framework Developed by the Clinical Genome Resource. <i>American Journal of Human Genetics</i> , 2017, 100, 895-906.	2.6	403
879	Optogenetic Approaches to Drug Discovery in Neuroscience and Beyond. <i>Trends in Biotechnology</i> , 2017, 35, 625-639.	4.9	31
880	Exercise for Disease Prevention and Management: A Precision Medicine Approach. <i>Journal of the American Medical Directors Association</i> , 2017, 18, 633-634.	1.2	21
881	Building dialogues between clinical and biomedical research through cross-species collaborations. <i>Seminars in Cell and Developmental Biology</i> , 2017, 70, 49-57.	2.3	16
882	Novel approach to classifying patients with pulmonary arterial hypertension using cluster analysis. <i>Pulmonary Circulation</i> , 2017, 7, 486-493.	0.8	12
883	Multi-disciplinary summit on genetics services for women with gynecologic cancers: A Society of Gynecologic Oncology White Paper. <i>Gynecologic Oncology</i> , 2017, 146, 217-224.	0.6	89
884	Imaging of Extracellular pH Using Hyperpolarized Molecules. <i>Israel Journal of Chemistry</i> , 2017, 57, 788-799.	1.0	14
885	National nursing science priorities: Creating a shared vision. <i>Nursing Outlook</i> , 2017, 65, 726-736.	1.5	42
886	Payer Coverage for Hereditary Cancer Panels: Barriers, Opportunities, and Implications for the Precision Medicine Initiative. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2017, 15, 219-228.	2.3	35

#	ARTICLE	IF	CITATIONS
887	Ethical considerations in genomic testing for hematologic disorders. <i>Blood</i> , 2017, 130, 460-465.	0.6	22
888	Individualized Knowledge Graph. <i>Circulation Research</i> , 2017, 120, 1078-1080.	2.0	17
889	Potential Impact and Study Considerations of Metabolomics in Cardiovascular Health and Disease: A Scientific Statement From the American Heart Association. <i>Circulation: Cardiovascular Genetics</i> , 2017, 10, .	5.1	140
890	The AlloMap [®] , a genomic biomarker story: 10 years after. <i>Clinical Transplantation</i> , 2017, 31, e12900.	0.8	26
891	Personal Sensing: Understanding Mental Health Using Ubiquitous Sensors and Machine Learning. <i>Annual Review of Clinical Psychology</i> , 2017, 13, 23-47.	6.3	510
892	Design and Rationale of the Metastatic Renal Cell Carcinoma (MaRCC) Registry: A Prospective Academic and Community-Based Study of Patients With Metastatic Renal Cell Cancer. <i>Cancer Investigation</i> , 2017, 35, 333-344.	0.6	5
893	Personalized medicine in interstitial lung diseases. <i>Current Opinion in Pulmonary Medicine</i> , 2017, 23, 231-236.	1.2	8
894	Moving beyond Bermuda: sharing data to build a medical information commons. <i>Genome Research</i> , 2017, 27, 897-901.	2.4	27
895	Antiemetic use in the ED: The authors respond. <i>American Journal of Emergency Medicine</i> , 2017, 35, 922-923.	0.7	1
897	The current status and problems confronted in delivering precision medicine in Japan and Europe. <i>Current Problems in Cancer</i> , 2017, 41, 166-175.	1.0	17
898	GSA: Genome Sequence Archive *. <i>Genomics, Proteomics and Bioinformatics</i> , 2017, 15, 14-18.	3.0	563
899	Overview of the BioBank Japan Project: Study design and profile. <i>Journal of Epidemiology</i> , 2017, 27, S2-S8.	1.1	451
900	Ethics and Epistemology in Big Data Research. <i>Journal of Bioethical Inquiry</i> , 2017, 14, 489-500.	0.9	57
901	Instrumental Assessment of Pediatric Dysphagia. <i>Seminars in Speech and Language</i> , 2017, 38, 135-146.	0.5	60
902	Does Stress Result in You Exercising Less? Or Does Exercising Result in You Being Less Stressed? Or Is It Both? Testing the Bi-directional Stress-Exercise Association at the Group and Person (N of 1) Level. <i>Annals of Behavioral Medicine</i> , 2017, 51, 799-809.	1.7	67
903	Clinical meaningfulness of Alzheimer's Disease Assessment Scale's Cognitive subscale change in relation to goal attainment in patients on cholinesterase inhibitors. <i>Alzheimer's and Dementia</i> , 2017, 13, 1098-1106.	0.4	20
904	Let's pull these technologies out of the ivory tower! The politics, ethos, and ironies of participant-driven genomic research. <i>BioSocieties</i> , 2017, 12, 494-519.	0.8	34
905	Effects of Patient Preferences on Outcomes in the Predictors of Remission in Depression to Individual and Combined Treatments (PRedICT) Study. <i>American Journal of Psychiatry</i> , 2017, 174, 546-556.	4.0	107

#	ARTICLE	IF	CITATIONS
906	Functional Connectivity of the Subcallosal Cingulate Cortex And Differential Outcomes to Treatment With Cognitive-Behavioral Therapy or Antidepressant Medication for Major Depressive Disorder. <i>American Journal of Psychiatry</i> , 2017, 174, 533-545.	4.0	268
907	Utilizing nutritional genomics to tailor diets for the prevention of cardiovascular disease: a guide for upcoming studies and implementations. <i>Expert Review of Molecular Diagnostics</i> , 2017, 17, 495-513.	1.5	25
908	SeqArray—a storage-efficient high-performance data format for WGS variant calls. <i>Bioinformatics</i> , 2017, 33, 2251-2257.	1.8	127
909	Sex-specific precision medicine: targeting CRT-D and other cardiovascular interventions to those most likely to benefit. <i>European Heart Journal</i> , 2017, 38, 1495-1497.	1.0	5
910	Precision Sports Medicine: The Future of Advancing Health and Performance in Youth and Beyond. <i>Strength and Conditioning Journal</i> , 2017, 39, 48-58.	0.7	4
911	Can genetic-based advice help you lose weight? Findings from the Food4Me European randomized controlled trial—3. <i>American Journal of Clinical Nutrition</i> , 2017, 105, 1204-1213.	2.2	50
912	Towards precision prevention: Technologies for identifying healthy individuals with high risk of disease. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2017, 800-802, 14-28.	0.4	20
913	Ethical Legal and Social Issues of Biobanking: Past, Present, and Future. <i>Biopreservation and Biobanking</i> , 2017, 15, 142-147.	0.5	62
914	Should precision medicine be encouraged in veterinary dermatology?. <i>Veterinary Dermatology</i> , 2017, 28, 527-527.	0.4	1
915	Long and short noncoding RNAs in lung cancer precision medicine: Opportunities and challenges. <i>Tumor Biology</i> , 2017, 39, 101042831769757.	0.8	25
916	Computational Approaches Toward Integrating Quantified Self Sensing and Social Media. , 2017, 2017, 1334-1349.		14
917	Electronic Medical Record—Integrated Pharmacogenomics and Related Clinical Decision Support Concepts. <i>Clinical Pharmacology and Therapeutics</i> , 2017, 102, 254-264.	2.3	67
918	Dropwise additive manufacturing of pharmaceutical products for amorphous and self emulsifying drug delivery systems. <i>International Journal of Pharmaceutics</i> , 2017, 524, 424-432.	2.6	34
920	What Does “Precision Medicine” Have to Say About Prevention?. <i>Epidemiology</i> , 2017, 28, 479-483.	1.2	8
921	Precision Medicine in Adrenal Disorders: the Next Generation. <i>Endocrine Practice</i> , 2017, 23, 672-679.	1.1	3
922	The Science of Sweet Dreams: Predicting Sleep Efficiency from Wearable Device Data. <i>Computer</i> , 2017, 50, 30-38.	1.2	71
923	A golden goat genome. <i>Nature Genetics</i> , 2017, 49, 485-486.	9.4	70
924	Geospatial Approaches to Cancer Control and Population Sciences. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017, 26, 472-475.	1.1	35

#	ARTICLE	IF	CITATIONS
925	How Can Genetically Informed Research Help Inform the Next Generation of Interparental and Parenting Interventions?. <i>Child Development</i> , 2017, 88, 446-458.	1.7	30
926	Intensive care medicine in 2050: precision medicine. <i>Intensive Care Medicine</i> , 2017, 43, 1507-1509.	3.9	42
927	Public health and precision medicine share a goal. <i>Journal of Evidence-Based Medicine</i> , 2017, 10, 76-80.	2.4	26
928	Personalised dosing of medicines for children. <i>Journal of Pharmacy and Pharmacology</i> , 2017, 69, 514-524.	1.2	23
930	Metabolomics through the lens of precision cardiovascular medicine. <i>Journal of Genetics and Genomics</i> , 2017, 44, 127-138.	1.7	21
931	The IGNITE Pharmacogenetics Working Group: An Opportunity for Building Evidence with Pharmacogenetic Implementation in a Real-World Setting. <i>Clinical and Translational Science</i> , 2017, 10, 143-146.	1.5	82
932	Development and validation of a radiomics nomogram for progression-free survival prediction in stage IV EGFR-mutant non-small cell lung cancer. <i>Proceedings of SPIE</i> , 2017, , .	0.8	0
933	The role of the microbiome in human health and disease: an introduction for clinicians. <i>BMJ: British Medical Journal</i> , 2017, 356, j831.	2.4	357
934	Tailoring of medical treatment: hemostasis and thrombosis towards precision medicine. <i>Haematologica</i> , 2017, 102, 411-418.	1.7	14
935	Positioning the principles of precision medicine in care pathways for allergic rhinitis and chronic rhinosinusitis â€” A <scp>EUFOREA</scp>â€™<scp>ARIA</scp>â€™<scp>EPOS</scp>â€™<scp>AIRWAYS ICP</scp> statement. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017, 72, 1297-1305.	2.7	130
936	Clinical Perspectives in Diagnostic-omics and Personalized Medicine Approach to Monitor Effectiveness and Toxicity of Phytocomplexes. , 2017, , 385-476.		1
937	Circumventing intratumoral heterogeneity to identify potential therapeutic targets in hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2017, 67, 293-301.	1.8	79
938	New solid state cadmium-zinc-telluride technology for cardiac single photon emission computed tomographic myocardial perfusion imaging. <i>Expert Review of Medical Devices</i> , 2017, 14, 213-222.	1.4	14
939	Pathologic diagnosis of breast cancer patients: evolution of the traditional clinical-pathologic paradigm toward â€œprecisionâ€ cancer therapy. <i>Biotechnic and Histochemistry</i> , 2017, 92, 175-200.	0.7	10
940	A Systematic Review of Obesity Disparities Research. <i>American Journal of Preventive Medicine</i> , 2017, 53, 113-122.	1.6	34
941	Gene alterations and epigenetic changes in intrahepatic cholangiocarcinoma. <i>Expert Review of Anticancer Therapy</i> , 2017, 17, 89-96.	1.1	3
942	The fuzzy world of precision medicine: deliberations of a precision medicine tumor board. <i>Personalized Medicine</i> , 2017, 14, 37-50.	0.8	15
943	Pharmacogenetics-guided analgesics in major abdominal surgery: Further benefits within an enhanced recovery protocol. <i>American Journal of Surgery</i> , 2017, 213, 467-472.	0.9	31

#	ARTICLE	IF	CITATIONS
944	Toward Precision and Reproducibility of Diffusion Tensor Imaging: A Multicenter Diffusion Phantom and Traveling Volunteer Study. <i>American Journal of Neuroradiology</i> , 2017, 38, 537-545.	1.2	109
945	Scalpels not hammers: The way forward for precision drug prescription. <i>Clinical Pharmacology and Therapeutics</i> , 2017, 101, 368-372.	2.3	26
946	Impact of genotyping errors on statistical power of association tests in genomic analyses: A case study. <i>Genetic Epidemiology</i> , 2017, 41, 152-162.	0.6	12
947	HARNESSING BIG DATA FOR PRECISION MEDICINE: INFRASTRUCTURES AND APPLICATIONS. , 2017, 22, 635-639.		1
948	Comprehensive population-based genome sequencing provides insight into hematopoietic regulatory mechanisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E327-E336.	3.3	39
950	Exome sequencing establishes a gelsolin mutation as the cause of inherited bulbar-onset neuropathy. <i>Muscle and Nerve</i> , 2017, 56, 1001-1005.	1.0	7
951	How "precise" is precision medicine in hematology?. <i>Haematologica</i> , 2017, 102, 4-6.	1.7	7
952	The Promises of Quantitative Proteomics in Precision Medicine. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 738-744.	1.6	38
953	Our Essential and Endangered Dentist-Scientist Workforce. <i>JDR Clinical and Translational Research</i> , 2017, 2, 10-22.	1.1	10
954	Principles of precision medicine in stroke. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 54-61.	0.9	64
955	Modelling mitral valvular dynamics—current trend and future directions. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2017, 33, e2858.	1.0	30
956	Counselors' Perspectives of Genomic Counseling Following Online Receipt of Multiple Actionable Complex Disease and Pharmacogenomic Results: a Qualitative Research Study. <i>Journal of Genetic Counseling</i> , 2017, 26, 738-751.	0.9	16
957	Implementing Precision Medicine: The Ethical Challenges. <i>Trends in Pharmacological Sciences</i> , 2017, 38, 8-14.	4.0	39
958	The Spike-and-Slab Lasso Generalized Linear Models for Prediction and Associated Genes Detection. <i>Genetics</i> , 2017, 205, 77-88.	1.2	37
959	Personalized Medicine Through Advanced Genomics. , 2017, , 31-48.		1
960	Using knowledge-driven genomic interactions for multi-omics data analysis: metadimensional models for predicting clinical outcomes in ovarian carcinoma. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017, 24, 577-587.	2.2	41
961	Learning Health Systems as Facilitators of Precision Medicine. <i>Clinical Pharmacology and Therapeutics</i> , 2017, 101, 359-367.	2.3	22
962	Genetically engineered and self-assembled oncolytic protein nanoparticles for targeted cancer therapy. <i>Biomaterials</i> , 2017, 120, 22-31.	5.7	27

#	ARTICLE	IF	CITATIONS
963	Looking beyond drivers and passengers in cancer genome sequencing data. <i>Annals of Oncology</i> , 2017, 28, 938-945.	0.6	27
964	Cancer Incidence and Survival Trends by Subtype Using Data from the Surveillance Epidemiology and End Results Program, 1992-2013. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017, 26, 632-641.	1.1	310
966	Fitting tissue chips and microphysiological systems into the grand scheme of medicine, biology, pharmacology, and toxicology. <i>Experimental Biology and Medicine</i> , 2017, 242, 1559-1572.	1.1	50
968	Big Data-Enabled Nursing. <i>Computers in Health Care</i> , 2017, , .	0.2	6
969	Knowledge for Precision Medicine. <i>JAMA - Journal of the American Medical Association</i> , 2017, 318, 1649.	3.8	47
970	Towards Personal Exposures: How Technology Is Changing Air Pollution and Health Research. <i>Current Environmental Health Reports</i> , 2017, 4, 463-471.	3.2	75
971	Chronic disease research in Europe and the need for integrated population cohorts. <i>European Journal of Epidemiology</i> , 2017, 32, 741-749.	2.5	65
973	Psychotropic drugs and CYP2D6 in late-life psychiatric and neurological disorders. What do we know?. <i>Expert Opinion on Drug Safety</i> , 2017, 16, 1373-1385.	1.0	8
974	A Research Agenda for Communication Scholars in the Precision Medicine Era. <i>Journal of Health Communication</i> , 2017, 22, 839-848.	1.2	21
975	From the Lesson of George Engel to Current Knowledge: The Biopsychosocial Model 40 Years Later. <i>Psychotherapy and Psychosomatics</i> , 2017, 86, 257-259.	4.0	32
976	Analysis and Annotation of Whole-Genome or Whole-Exome Sequencing Derived Variants for Clinical Diagnosis. <i>Current Protocols in Human Genetics</i> , 2017, 95, 9.24.1-9.24.28.	3.5	20
977	The integration of genomics testing and functional proteomics in the era of personalized medicine. <i>Expert Review of Proteomics</i> , 2017, 14, 1055-1058.	1.3	6
978	Idiopathic pulmonary fibrosis. <i>Nature Reviews Disease Primers</i> , 2017, 3, 17074.	18.1	786
979	Structural Challenges of Precision Medicine. <i>Journal of Law, Medicine and Ethics</i> , 2017, 45, 274-279.	0.4	18
981	The fungal meningitis outbreak five years later: what have we learned about <i>Exserohilum rostratum</i> ?. <i>Expert Review of Precision Medicine and Drug Development</i> , 2017, 2, 321-325.	0.4	0
982	<i>APOL1</i> and Cardiovascular Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1587-1589.	1.1	8
983	The Power of Zebrafish in Personalised Medicine. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1007, 179-197.	0.8	36
984	Multicohort analysis reveals baseline transcriptional predictors of influenza vaccination responses. <i>Science Immunology</i> , 2017, 2, .	5.6	122

#	ARTICLE	IF	CITATIONS
985	A systematic review of molecular responses to cancer therapy in normal human mucosa. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2017, 124, 355-366.	0.2	3
986	Finding the right balance between precision medicine and personalized care. <i>Cmaj</i> , 2017, 189, E1065-E1068.	0.9	23
987	Drug delivery by supramolecular design. <i>Chemical Society Reviews</i> , 2017, 46, 6600-6620.	18.7	551
988	A genome-by-environment interaction classifier for precision medicine: personal transcriptome response to rhinovirus identifies children prone to asthma exacerbations. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017, 24, 1116-1126.	2.2	23
989	Monodisperse Au@Fe ₂ C Janus Nanoparticles: An Attractive Multifunctional Material for Triple-Modal Imaging-Guided Tumor Photothermal Therapy. <i>ACS Nano</i> , 2017, 11, 9239-9248.	7.3	189
991	Health Economics as a Tool for Decision-Making in Mental Health Care. , 2017, , 179-190.		0
992	What does endotyping mean for treatment in chronic obstructive pulmonary disease?. <i>Lancet, The</i> , 2017, 390, 980-987.	6.3	78
993	Mindfulness-based Intervention in Elementary School Students With Anxiety and Depression: A Series of n-of-1 Trials on Effects and Feasibility. <i>Journal of Evidence-Based Complementary & Alternative Medicine</i> , 2017, 22, 856-869.	1.5	23
994	Machine learning: novel bioinformatics approaches for combating antimicrobial resistance. <i>Current Opinion in Infectious Diseases</i> , 2017, 30, 511-517.	1.3	55
995	Red cell genotyping precision medicine: a conference summary. <i>Therapeutic Advances in Hematology</i> , 2017, 8, 277-291.	1.1	16
996	Use of Adult Sensory Panel to Study Individual Differences in the Palatability of a Pediatric HIV Treatment Drug. <i>Clinical Therapeutics</i> , 2017, 39, 2038-2048.	1.1	13
997	Optimal preprocessing of serum and urine metabolomic data fusion for staging prostate cancer through design of experiment. <i>Analytica Chimica Acta</i> , 2017, 991, 68-75.	2.6	24
998	Passport to pathology: transforming the medical student pathology elective from a passive educational experience to an exciting, immersive clinical rotation. <i>Human Pathology</i> , 2017, 68, 34-39.	1.1	4
999	Interest in and reactions to genetic risk information: The role of implicit theories and self-affirmation. <i>Social Science and Medicine</i> , 2017, 190, 101-110.	1.8	14
1000	Tailored Approaches in Drug Development and Diagnostics: From Molecular Design to Biological Model Systems. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700258.	3.9	38
1001	Benzodiazepines use and breast cancer risk: A population-based study and gene expression profiling evidence. <i>Journal of Biomedical Informatics</i> , 2017, 74, 85-91.	2.5	5
1002	Will Big Data Close the Missing Heritability Gap?. <i>Genetics</i> , 2017, 207, 1135-1145.	1.2	56
1003	A Predictive Model for Selective Targeting of the Warburg Effect through GAPDH Inhibition with a Natural Product. <i>Cell Metabolism</i> , 2017, 26, 648-659.e8.	7.2	154

#	ARTICLE	IF	CITATIONS
1004	Development and validation of various phenotyping algorithms for Diabetes Mellitus using data from electronic health records. <i>Computer Methods and Programs in Biomedicine</i> , 2017, 152, 53-70.	2.6	14
1005	IMAGING GENOMICS. , 2017, 22, 51-57.		1
1006	How Research Training Will Shape the Future of Dental, Oral, and Craniofacial Research. <i>Journal of Dental Education</i> , 2017, 81, eS73-eS82.	0.7	14
1007	A geographic information system-based method for estimating cancer rates in non-census-defined geographical areas. <i>Cancer Causes and Control</i> , 2017, 28, 1095-1104.	0.8	4
1008	Risk Prediction Modeling on Family-Based Sequencing Data Using a Random Field Method. <i>Genetics</i> , 2017, 207, 63-73.	1.2	8
1009	Bacterial infection imaging with [¹⁸ F]fluoropropyl-trimethoprim. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8372-8377.	3.3	111
1010	Clinical Application of Targeted Deep Sequencing in Solid-Cancer Patients and Utility for Biomarker-Selected Clinical Trials. <i>Oncologist</i> , 2017, 22, 1169-1177.	1.9	14
1012	Mobile Health. , 2017, , .		18
1013	Reprint of Editorial Commentary: Genomics and drug discovery: The next frontier in precision medicine. <i>Trends in Cardiovascular Medicine</i> , 2017, 27, 360-362.	2.3	0
1014	Opportunities and Challenges for Environmental Exposure Assessment in Population-Based Studies. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017, 26, 1370-1380.	1.1	27
1015	Classification of radiology reports using neural attention models. , 2017, , .		28
1016	Mechanisms to protect the privacy of families when using the transmission disequilibrium test in genome-wide association studies. <i>Bioinformatics</i> , 2017, 33, 3716-3725.	1.8	20
1017	Detection of time delays and directional interactions based on time series from complex dynamical systems. <i>Physical Review E</i> , 2017, 96, 012221.	0.8	35
1018	Charting the future of cancer health disparities research: A position statement from the American Association for Cancer Research, the American Cancer Society, the American Society of Clinical Oncology, and the National Cancer Institute. <i>Ca-A Cancer Journal for Clinicians</i> , 2017, 67, 353-361.	157.7	49
1019	The emerging science of precision medicine and pharmacogenomics for Parkinson's disease. <i>Movement Disorders</i> , 2017, 32, 1139-1146.	2.2	42
1020	Conservation of the group O, Rhesus D negative blood supply. <i>Lancet Haematology</i> , 2017, 4, e195-e196.	2.2	2
1021	S-1 versus placebo in patients with sorafenib-refractory advanced hepatocellular carcinoma (S-CUBE): a randomised, double-blind, multicentre, phase 3 trial. <i>The Lancet Gastroenterology and Hepatology</i> , 2017, 2, 407-417.	3.7	51
1022	A new horizon for sepsis: Personalised medicine: Hype or hope?. <i>European Journal of Molecular and Clinical Medicine</i> , 2017, 3, 289.	0.5	0

#	ARTICLE	IF	CITATIONS
1024	Conceptos básicos en biología molecular relacionados con la genética y la epigenética. Revista Española De Cardiología, 2017, 70, 744-753.	0.6	18
1025	The Pharmacogenomic and Metabolomic Predictors of ACE Inhibitor and Angiotensin II Receptor Blocker Effectiveness and Safety. Cardiovascular Drugs and Therapy, 2017, 31, 471-482.	1.3	28
1026	Formalin-fixed paraffin-embedded sample conditions for deep next generation sequencing. Journal of Surgical Research, 2017, 220, 125-132.	0.8	45
1027	Nurse Faculty Knowledge of and Confidence in Teaching Genetics/Genomics. Nurse Educator, 2017, 42, 100-104.	0.6	15
1028	Charting the Future of Cancer Health Disparities Research: A Position Statement from the American Association for Cancer Research, the American Cancer Society, the American Society of Clinical Oncology, and the National Cancer Institute. Cancer Research, 2017, 77, 4548-4555.	0.4	52
1029	Improving biobank consent comprehension: a national randomized survey to assess the effect of a simplified form and review/retest intervention. Genetics in Medicine, 2017, 19, 505-512.	1.1	34
1030	Precision medicine: the foundation of future cancer therapeutics. Npj Precision Oncology, 2017, 1, 12.	2.3	82
1031	Modeling Treatment Response for Lamin A/C Related Dilated Cardiomyopathy in Human Induced Pluripotent Stem Cells. Journal of the American Heart Association, 2017, 6, .	1.6	60
1032	Brief Report: Human Acute Myeloid Leukemia Reprogramming to Pluripotency Is a Rare Event and Selects for Patient Hematopoietic Cells Devoid of Leukemic Mutations. Stem Cells, 2017, 35, 2095-2102.	1.4	27
1033	Surface-modified polymers for cardiac tissue engineering. Biomaterials Science, 2017, 5, 1976-1987.	2.6	26
1034	Personalizing Environmental Health. Journal of Occupational and Environmental Medicine, 2017, 59, e209-e214.	0.9	10
1035	New oncogenic subtypes in pediatric B-cell precursor acute lymphoblastic leukemia. Blood, 2017, 130, 1395-1401.	0.6	74
1036	New Perspectives on Pheochromocytoma and Paraganglioma: Toward a Molecular Classification. Endocrine Reviews, 2017, 38, 489-515.	8.9	241
1037	Early clinical trials in paediatric oncology in Spain: A nationwide perspective. Anales De Pediatr�a (English Edition), 2017, 87, 155-163.	0.1	0
1038	A Rebuttal to "The CKD Classification System in the Precision Medicine Era". Clinical Journal of the American Society of Nephrology: CJASN, 2017, 12, 1711-1713.	2.2	4
1039	Human genomics projects and precision medicine. Gene Therapy, 2017, 24, 551-561.	2.3	109
1040	A Novel Vaccine Targeting Glypican-3 as a Treatment for Hepatocellular Carcinoma. Molecular Therapy, 2017, 25, 2299-2308.	3.7	21
1041	Enabling miniaturised personalised diagnostics: from lab-on-a-chip to lab-in-a-drop. Lab on A Chip, 2017, 17, 3200-3220.	3.1	55

#	ARTICLE	IF	CITATIONS
1042	A precision medicine approach for psychiatric disease based on repeated symptom scores. <i>Journal of Psychiatric Research</i> , 2017, 95, 147-155.	1.5	9
1043	Diversity and inclusion in genomic research: why the uneven progress?. <i>Journal of Community Genetics</i> , 2017, 8, 255-266.	0.5	236
1044	If We Would Only Ask: How Henrietta Lacks Continues to Teach Us About Perceptions of Research and Genetic Research Among African Americans Today. <i>Journal of Racial and Ethnic Health Disparities</i> , 2017, 4, 735-745.	1.8	32
1045	Opportunities for model-based precision dosing in the treatment of sickle cell anemia. <i>Blood Cells, Molecules, and Diseases</i> , 2017, 67, 143-147.	0.6	5
1046	Large Scale Medical Data Mining for Accurate Diagnosis: A Blueprint. <i>Scalable Computing and Communications</i> , 2017, , 157-176.	0.5	16
1047	The opening/closure of the P-loop and hinge of BCR-ABL1 decodes the low/high bioactivities of dasatinib and axitinib. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 22444-22453.	1.3	9
1048	Crossing the health IT chasm: considerations and policy recommendations to overcome current challenges and enable value-based care. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017, 24, 1036-1043.	2.2	41
1049	A wellness study of 108 individuals using personal, dense, dynamic data clouds. <i>Nature Biotechnology</i> , 2017, 35, 747-756.	9.4	340
1050	Genotype-environment interaction on human cognitive function conditioned on the status of breastfeeding and maternal smoking around birth. <i>Scientific Reports</i> , 2017, 7, 6087.	1.6	9
1051	Integration of pharmacology, molecular pathology, and population data science to support precision gastrointestinal oncology. <i>Npj Precision Oncology</i> , 2017, 1, .	2.3	11
1052	Pharmacoepidemiology in the Era of Real-World Evidence. <i>Current Epidemiology Reports</i> , 2017, 4, 262-265.	1.1	6
1053	Ratiometric Mass Spectrometry for Cell Identification and Quantitation Using Intracellular "Dual-Biomarkers". <i>Scientific Reports</i> , 2017, 7, 17432.	1.6	9
1054	Microbial Insights into Asthmatic Immunopathology. A Forward-Looking Synthesis and Commentary. <i>Annals of the American Thoracic Society</i> , 2017, 14, S316-S325.	1.5	5
1055	Electrostatic confinement and manipulation of DNA molecules for genome analysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 13400-13405.	3.3	25
1056	Precision Oncology: Between Vaguely Right and Precisely Wrong. <i>Cancer Research</i> , 2017, 77, 6473-6479.	0.4	56
1057	Microinteraction Ecological Momentary Assessment Response Rates. , 2017, 1, 1-16.		36
1058	TBI Rehabilomics Research: an Exemplar of a Biomarker-Based Approach to Precision Care for Populations with Disability. <i>Current Neurology and Neuroscience Reports</i> , 2017, 17, 84.	2.0	18
1059	Detection of minimum biomarker features via bi-level optimization framework by nested hybrid differential evolution. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 81, 31-39.	2.7	3

#	ARTICLE	IF	CITATIONS
1060	A community effort to protect genomic data sharing, collaboration and outsourcing. Npj Genomic Medicine, 2017, 2, 33.	1.7	33
1061	Endoplasmic Reticulum Stress and Allergic Diseases. Current Allergy and Asthma Reports, 2017, 17, 82.	2.4	27
1062	Precision Medicine, CRISPR, and Genome Engineering. Advances in Experimental Medicine and Biology, 2017, , .	0.8	2
1063	Target Discovery for Precision Medicine Using High-Throughput Genome Engineering. Advances in Experimental Medicine and Biology, 2017, 1016, 123-145.	0.8	6
1064	Gut Microbiota and Salivary Diagnostics: The Mouth Is Salivating to Tell Us Something. BioResearch Open Access, 2017, 6, 123-132.	2.6	45
1065	Traumatic brain injury: integrated approaches to improve prevention, clinical care, and research. Lancet Neurology, The, 2017, 16, 987-1048.	4.9	1,571
1066	Enhancing Data Access and Utilization: Federal Big Data Initiative and Relevance to Health Disparities Research. Computers in Health Care, 2017, , 227-251.	0.2	0
1067	Textual analysis and visualization of research trends in data mining for electronic health records. Health Policy and Technology, 2017, 6, 389-400.	1.3	24
1068	Sustained accuracy improvement in intraocular lens power calculation with the application of quality control circle. Scientific Reports, 2017, 7, 14852.	1.6	9
1069	Beyond Dysplasia Grade. Gastrointestinal Endoscopy Clinics of North America, 2017, 27, 447-459.	0.6	4
1070	The Potential of Pharmacogenomics to Advance Kidney Disease Treatment. Clinical Journal of the American Society of Nephrology: CJASN, 2017, 12, 1035-1037.	2.2	2
1071	Does biomarker information impact breast cancer patients' preferences and physician recommendation for adjuvant chemotherapy?. Breast Cancer Research and Treatment, 2017, 165, 545-553.	1.1	2
1072	Towards efficiency in rare disease research: what is distinctive and important?. Science China Life Sciences, 2017, 60, 686-691.	2.3	52
1073	Omics-based biomarkers: current status and potential use in the clinic. Boletín Médico Del Hospital Infantil De México, 2017, 74, 219-226.	0.2	36
1074	Barriers to clinical adoption of next-generation sequencing: a policy Delphi panel's solutions. Personalized Medicine, 2017, 14, 339-354.	0.8	15
1075	Motivation, Perception, and Treatment Beliefs in the Myocardial Infarction Genes (MI-GENES) Randomized Clinical Trial. Journal of Genetic Counseling, 2017, 26, 1153-1161.	0.9	2
1076	Universal Genomic Testing: The next step in oncological decision-making or a dead end street?. European Journal of Cancer, 2017, 82, 72-79.	1.3	13
1077	Big Data and Population Health. Epidemiology, 2017, 28, 759-762.	1.2	21

#	ARTICLE	IF	CITATIONS
1078	Validity of Cardiovascular Data From Electronic Sources. <i>Circulation</i> , 2017, 136, 1207-1216.	1.6	50
1079	Lessons Learned from Two Decades of Anticancer Drugs. <i>Trends in Pharmacological Sciences</i> , 2017, 38, 852-872.	4.0	74
1080	Cyclodextrin-based biological stimuli-responsive carriers for smart and precision medicine. <i>Biomaterials Science</i> , 2017, 5, 1736-1745.	2.6	50
1081	Reversal of cancer gene expression correlates with drug efficacy and reveals therapeutic targets. <i>Nature Communications</i> , 2017, 8, 16022.	5.8	151
1082	Proteogenomics approaches for studying cancer biology and their potential in the identification of acute myeloid leukemia biomarkers. <i>Expert Review of Proteomics</i> , 2017, 14, 649-663.	1.3	7
1083	Personalized medicine in rheumatology: the paradigm of serum autoantibodies. <i>Autoimmunity Highlights</i> , 2017, 8, 10.	3.9	25
1084	The role of human host genetics in tuberculosis resistance. <i>Expert Review of Respiratory Medicine</i> , 2017, 11, 721-737.	1.0	16
1085	De-identified genomic data sharing: the research participant perspective. <i>Journal of Community Genetics</i> , 2017, 8, 173-181.	0.5	50
1086	Systems Medicine—Complexity Within, Simplicity Without. <i>Journal of Healthcare Informatics Research</i> , 2017, 1, 119-137.	5.3	16
1087	Enabling Precision Cardiology Through Multiscale Biology and Systems Medicine. <i>JACC Basic To Translational Science</i> , 2017, 2, 311-327.	1.9	61
1088	Personalizing Colon Cancer Screening: Role of Age and Comorbid Conditions. <i>Current Colorectal Cancer Reports</i> , 2017, 13, 220-226.	1.0	0
1089	Construction and implications of structural equation modeling network for pediatric cataract: a data mining research of rare diseases. <i>BMC Ophthalmology</i> , 2017, 17, 74.	0.6	5
1090	Challenges and strategies for implementing genomic services in diverse settings: experiences from the Implementing GeNomics In pracTicE (IGNITE) network. <i>BMC Medical Genomics</i> , 2017, 10, 35.	0.7	99
1091	Homologous recombination deficiency (HRD) testing in ovarian cancer clinical practice: a review of the literature. <i>Gynecologic Oncology Research and Practice</i> , 2017, 4, 4.	3.6	106
1092	Healthcare provider education to support integration of pharmacogenomics in practice: the eMERGE Network experience. <i>Pharmacogenomics</i> , 2017, 18, 1013-1025.	0.6	55
1093	Knowledge and Beliefs About Biospecimen Research Among Chinese Older Women in Chicago's Chinatown. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, S41-S49.	1.7	8
1094	Renal biopsy-driven molecular target identification in glomerular disease. <i>Pflugers Archiv European Journal of Physiology</i> , 2017, 469, 1021-1028.	1.3	9
1095	The Gene Ontology Handbook. <i>Methods in Molecular Biology</i> , 2017, , .	0.4	63

#	ARTICLE	IF	CITATIONS
1096	Precision wildlife medicine: applications of the human-centred precision medicine revolution to species conservation. <i>Global Change Biology</i> , 2017, 23, 1792-1805.	4.2	32
1097	Molecular Networking As a Drug Discovery, Drug Metabolism, and Precision Medicine Strategy. <i>Trends in Pharmacological Sciences</i> , 2017, 38, 143-154.	4.0	250
1098	Gene-expression profiling to predict responsiveness to immunotherapy. <i>Cancer Gene Therapy</i> , 2017, 24, 134-140.	2.2	72
1099	Cancer Precision Medicine: From Cancer Screening to Drug Selection and Personalized Immunotherapy. <i>Trends in Pharmacological Sciences</i> , 2017, 38, 15-24.	4.0	70
1100	Rac2 Modulates Atherosclerotic Calcification by Regulating Macrophage Interleukin-1 β Production. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 328-340.	1.1	91
1101	A Roadmap for Achieving Respiratory Health Equality. <i>Respiratory Medicine</i> , 2017, , 189-198.	0.1	0
1102	Precision engagement: the PMI's success will depend on more than genomes and big data. <i>Genetics in Medicine</i> , 2017, 19, 620-624.	1.1	17
1103	Statistical controversies in clinical research: basket trials, umbrella trials, and other master protocols: a review and examples. <i>Annals of Oncology</i> , 2017, 28, 34-43.	0.6	198
1104	Molecular pathological epidemiology: new developing frontiers of big data science to study etiologies and pathogenesis. <i>Journal of Gastroenterology</i> , 2017, 52, 265-275.	2.3	88
1105	Modeling, signaling and cytoskeleton dynamics: integrated modeling-experimental frameworks in cell migration. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2017, 9, e1365.	6.6	26
1106	Precision medicine in pediatric oncology: Lessons learned and next steps. <i>Pediatric Blood and Cancer</i> , 2017, 64, e26288.	0.8	71
1107	Future of environmental research in the age of epigenomics and exposomics. <i>Reviews on Environmental Health</i> , 2017, 32, 45-54.	1.1	46
1108	Mobile devices for the remote acquisition of physiological and behavioral biomarkers in psychiatric clinical research. <i>Journal of Psychiatric Research</i> , 2017, 85, 1-14.	1.5	63
1109	Using Big Data to Discover Diagnostics and Therapeutics for Gastrointestinal and Liver Diseases. <i>Gastroenterology</i> , 2017, 152, 53-67.e3.	0.6	61
1110	Next Generation Sequencing for Next Generation Diagnostics and Therapy. , 2017, , 87-102.		0
1112	Factors Associated with Interest in Gene Panel Testing and Risk Communication Preferences in Women from BRCA1/2 Negative Families. <i>Journal of Genetic Counseling</i> , 2017, 26, 480-490.	0.9	14
1113	Editorial commentary: Beyond the guidelines to expertise in precision stroke medicine. <i>Trends in Cardiovascular Medicine</i> , 2017, 27, 67-68.	2.3	4
1114	Biomarkers in cardiovascular disease: Statistical assessment and section on key novel heart failure biomarkers. <i>Trends in Cardiovascular Medicine</i> , 2017, 27, 123-133.	2.3	117

#	ARTICLE	IF	CITATIONS
1115	iCONCUR: informed consent for clinical data and bio-sample use for research. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017, 24, 380-387.	2.2	41
1116	Perfect 24-h management of hypertension: clinical relevance and perspectives. <i>Journal of Human Hypertension</i> , 2017, 31, 231-243.	1.0	27
1117	Using large sequencing data sets to refine intragenic disease regions and prioritize clinical variant interpretation. <i>Genetics in Medicine</i> , 2017, 19, 496-504.	1.1	15
1118	Integrating cardiomyocytes from human pluripotent stem cells in safety pharmacology: has the time come?. <i>British Journal of Pharmacology</i> , 2017, 174, 3749-3765.	2.7	104
1119	Editorial Commentary: Genomics and drug discovery: The next frontier in precision medicine. <i>Trends in Cardiovascular Medicine</i> , 2017, 27, 203-206.	2.3	0
1120	Strategies for Advancing Disease Definition Using Biomarkers and Genetics: The Bipolar and Schizophrenia Network for Intermediate Phenotypes. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 20-27.	1.1	42
1121	A machine learning-based framework to identify type 2 diabetes through electronic health records. <i>International Journal of Medical Informatics</i> , 2017, 97, 120-127.	1.6	255
1122	Molecular Imaging and Precision Medicine in Dementia and Movement Disorders. <i>PET Clinics</i> , 2017, 12, 119-136.	1.5	1
1123	“Omic and Electronic Health Record Big Data Analytics for Precision Medicine. <i>IEEE Transactions on Biomedical Engineering</i> , 2017, 64, 263-273.	2.5	198
1124	A common challenge in older adults: Classification, overlap, and therapy of depression and dementia. <i>Alzheimer's and Dementia</i> , 2017, 13, 59-71.	0.4	112
1125	Steroid-induced ocular hypertension/glaucoma: Focus on pharmacogenomics and implications for precision medicine. <i>Progress in Retinal and Eye Research</i> , 2017, 56, 58-83.	7.3	103
1126	Personalized learning: From neurogenetics of behaviors to designing optimal language training. <i>Neuropsychologia</i> , 2017, 98, 192-200.	0.7	28
1127	Major involvement of bacterial components in rheumatoid arthritis and its accompanying oxidative stress, systemic inflammation and hypercoagulability. <i>Experimental Biology and Medicine</i> , 2017, 242, 355-373.	1.1	72
1128	Integrating Bio-ontologies and Controlled Clinical Terminologies: From Base Pairs to Bedside Phenotypes. <i>Methods in Molecular Biology</i> , 2017, 1446, 275-287.	0.4	1
1129	Leveraging Physiology for Precision Drug Delivery. <i>Physiological Reviews</i> , 2017, 97, 189-225.	13.1	125
1130	Roles of tumor heterogeneity in the development of drug resistance: A call for precision therapy. <i>Seminars in Cancer Biology</i> , 2017, 42, 13-19.	4.3	54
1131	Classification of Chronic Rhinosinusitis – Working Toward Personalized Diagnosis. <i>Otolaryngologic Clinics of North America</i> , 2017, 50, 1-12.	0.5	15
1132	Detergents: Friends not foes for high-performance membrane proteomics toward precision medicine. <i>Proteomics</i> , 2017, 17, 1600209.	1.3	7

#	ARTICLE	IF	CITATIONS
1133	Machine learning approaches to personalize early prediction of asthma exacerbations. <i>Annals of the New York Academy of Sciences</i> , 2017, 1387, 153-165.	1.8	138
1134	Identification of disease-related genes based on tensor factorization with RNA-seq data of huntington's disease mice. , 2017, , .		1
1135	Spatio-temporal autoencoder for feature learning in patient data with missing observations. , 2017, , .		11
1136	Editorial: Emergence of Gene-Environment Interaction Analysis in Epidemiologic Research. <i>American Journal of Epidemiology</i> , 2017, 186, 751-752.	1.6	27
1137	Enabling prescription-based health apps. , 2017, , .		9
1138	Case report: Cytochrome P450 implications for comorbid ADHD and OCD pharmacotherapy. <i>Journal of Child and Adolescent Psychiatric Nursing</i> , 2017, 30, 126-132.	0.8	4
1139	Transcriptome assembly strategies for precision medicine. <i>Quantitative Biology</i> , 2017, 5, 280-290.	0.3	3
1140	Precision Medicine: Accelerating the Science to Revolutionize Cancer Care. <i>Clinical Journal of Oncology Nursing</i> , 2017, 21, 722-729.	0.3	6
1141	<i>What Is Trust?</i> Ethics and Risk Governance in Precision Medicine and Predictive Analytics. <i>OMICS A Journal of Integrative Biology</i> , 2017, 21, 704-710.	1.0	38
1142	Can accelerometry data improve estimates of heart rate variability from wrist pulse PPG sensors?. , 2017, 2017, 1587-1590.		9
1144	Omics-based biomarkers: current status and potential use in the clinic. <i>BoletÃn MÃ©dico Del Hospital Infantil De MÃ©xico (English Edition)</i> , 2017, 74, 219-226.	0.0	11
1146	DEVELOPMENT AND PERFORMANCE OF TEXT-MINING ALGORITHMS TO EXTRACT SOCIOECONOMIC STATUS FROM DE-IDENTIFIED ELECTRONIC HEALTH RECORDS. , 2017, 22, 230-241.		21
1147	Climate change adaptation: no one size fits all. <i>Lancet Planetary Health</i> , The, 2017, 1, e353-e354.	5.1	11
1148	Indigenous Genetics and Rare Diseases: Harmony, Diversity and Equity. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1031, 511-520.	0.8	15
1150	Guiding nanomaterials to tumors for breast cancer precision medicine: from tumor-targeting small-molecule discovery to targeted nanodrug delivery. <i>NPG Asia Materials</i> , 2017, 9, e452-e452.	3.8	42
1151	Current Challenges and New Opportunities for Gene-Environment Interaction Studies of Complex Diseases. <i>American Journal of Epidemiology</i> , 2017, 186, 753-761.	1.6	150
1152	Marking 15 years of the Genetic and Rare Diseases Information Center. <i>Translational Science of Rare Diseases</i> , 2017, 2, 77-88.	1.6	25
1153	Precision Dosing: Public Health Need, Proposed Framework, and Anticipated Impact. <i>Clinical and Translational Science</i> , 2017, 10, 443-454.	1.5	55

#	ARTICLE	IF	CITATIONS
1154	Informed Consent: The Case of "Omics" Literacy. <i>Oncology Nursing Forum</i> , 2017, 44, 28-30.	0.5	1
1155	2017 Roadmap for Innovation" ACC Health Policy Statement on Healthcare Transformation in the Era of Digital Health, Big Data, and Precision Health. <i>Journal of the American College of Cardiology</i> , 2017, 70, 2696-2718.	1.2	96
1156	Apply Resources to Practice: Use Current Genetics and Genomics Content in Oncology. <i>Clinical Journal of Oncology Nursing</i> , 2017, 21, 34-38.	0.3	4
1157	The Emerging Role of the Chief Research Informatics Officer in Academic Health Centers. <i>Applied Clinical Informatics</i> , 2017, 08, 845-853.	0.8	15
1158	Association between clinically recorded alcohol consumption and initial presentation of 12 cardiovascular diseases: population based cohort study using linked health records. <i>BMJ: British Medical Journal</i> , 2017, 356, j909.	2.4	224
1159	Systems healthcare: a holistic paradigm for tomorrow. <i>BMC Systems Biology</i> , 2017, 11, 142.	3.0	22
1160	Short-term prediction of low kidney function in ICU patients. , 2017, , .		0
1161	Counterfactual domain adversarial training of neural networks. , 2017, , .		0
1162	Cap-seq reveals complicated miRNA transcriptional mechanisms in <i>C. elegans</i> and mouse. <i>Quantitative Biology</i> , 2017, 5, 352-367.	0.3	14
1163	Genetic Profiling of Cancers of the Digestive System: Biological Insights and Clinical Implications. <i>Pathobiology</i> , 2017, 84, 306-322.	1.9	8
1165	BLOOM: Bloom filter based oblivious outsourced matchings. <i>BMC Medical Genomics</i> , 2017, 10, 44.	0.7	17
1166	PRESAGE: Privacy-preserving gEnetic testing via SoftwAre Guard Extension. <i>BMC Medical Genomics</i> , 2017, 10, 48.	0.7	32
1167	Alcohol Misuse Across the Life Span: Insights From Developmental Studies in Behavior Genetics. <i>Policy Insights From the Behavioral and Brain Sciences</i> , 2017, 4, 186-193.	1.4	1
1168	Toward the use of precision medicine for the treatment of head and neck squamous cell carcinoma. <i>Oncotarget</i> , 2017, 8, 2141-2152.	0.8	16
1169	From community engagement, to community-engaged research, to broadly engaged team science. <i>Journal of Clinical and Translational Science</i> , 2017, 1, 5-6.	0.3	37
1170	More Medicine, Fewer Clicks: How Informatics Can Actually Help Your Practice. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2017, 37, 450-459.	1.8	4
1171	Genomic Data Commons. , 2017, , 74-101.		11
1173	Assessing the readiness of precision medicine interoperability: An exploratory study of the National Institutes of Health genetic testing registry. <i>Journal of Innovation in Health Informatics</i> , 2017, 24, 323.	0.9	5

#	ARTICLE	IF	CITATIONS
1174	Precision Medicine Across the Cancer Continuum: Implementation and Implications for Cancer Disparities. <i>JCO Precision Oncology</i> , 2017, 1, 1-5.	1.5	3
1175	Toward Precision Healthcare: Context and Mathematical Challenges. <i>Frontiers in Physiology</i> , 2017, 8, 136.	1.3	28
1176	“Gestaltomics” Systems Biology Schemes for the Study of Neuropsychiatric Diseases. <i>Frontiers in Physiology</i> , 2017, 8, 286.	1.3	4
1177	Attitudes about Future Genetic Testing for Posttraumatic Stress Disorder and Addiction among Community-Based Veterans. <i>Frontiers in Psychiatry</i> , 2017, 8, 76.	1.3	8
1178	Applying Precision Public Health to Prevent Preterm Birth. <i>Frontiers in Public Health</i> , 2017, 5, 66.	1.3	35
1179	Chromosomal and Genomic Variations in Esophageal Squamous Cell Carcinoma: A Review of Technologies, Applications, and Prospections. <i>Journal of Cancer</i> , 2017, 8, 2492-2500.	1.2	16
1180	A High-Affinity Repebody for Molecular Imaging of EGFR-Expressing Malignant Tumors. <i>Theranostics</i> , 2017, 7, 2620-2633.	4.6	23
1181	EUFOREA Rhinology Research Forum 2016: report of the brainstorming sessions on needs and priorities in rhinitis and rhinosinusitis. <i>Rhinology</i> , 2017, 55, .	0.7	3
1182	High Levels of Circulating Type II Collagen Degradation Marker (CTX-II) Are Associated with Specific VDR Polymorphisms in Patients with Adult Vertebral Osteochondrosis. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2073.	1.8	9
1183	Service Innovations in the Healthcare Service Ecosystem: A Case Study. <i>Systems</i> , 2017, 5, 37.	1.2	14
1184	Deep Learning in Medical Imaging: General Overview. <i>Korean Journal of Radiology</i> , 2017, 18, 570.	1.5	834
1185	Drug discovery. , 2017, , 281-420.		1
1186	Handling Big Data in Precision Medicine. , 2017, , 251-268.		3
1187	Perspectives for Future DNA Sequencing Techniques and Applications. , 2017, , 141-153.		3
1188	Big Data Analytics for Genomic Medicine. <i>International Journal of Molecular Sciences</i> , 2017, 18, 412.	1.8	121
1189	Parents’ Attitudes toward Clinical Genetic Testing for Autism Spectrum Disorder”Data from a Norwegian Sample. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1078.	1.8	28
1190	Systems Biology: Methods and Applications. , 2017, , 434-480.		0
1191	Next-Generation Sequencing-Aided Rapid Molecular Diagnosis of Occult Macular Dystrophy in a Chinese Family. <i>Frontiers in Genetics</i> , 2017, 8, 107.	1.1	11

#	ARTICLE	IF	CITATIONS
1192	Applying Precision Medicine and Immunotherapy Advances from Oncology to Host-Directed Therapies for Infectious Diseases. <i>Frontiers in Immunology</i> , 2017, 8, 688.	2.2	9
1193	Defining Disease, Diagnosis, and Translational Medicine within a Homeostatic Perturbation Paradigm: The National Institutes of Health Undiagnosed Diseases Program Experience. <i>Frontiers in Medicine</i> , 2017, 4, 62.	1.2	23
1194	DNA Sequence Analysis in Clinical Medicine, Proceeding Cautiously. <i>Frontiers in Molecular Biosciences</i> , 2017, 4, 24.	1.6	14
1195	Considerations for Experimental Animal Models of Concussion, Traumatic Brain Injury, and Chronic Traumatic Encephalopathy—These Matters Matter. <i>Frontiers in Neurology</i> , 2017, 8, 240.	1.1	60
1196	Concussion As a Multi-Scale Complex System: An Interdisciplinary Synthesis of Current Knowledge. <i>Frontiers in Neurology</i> , 2017, 8, 513.	1.1	96
1197	The Genomics of Neonatal Abstinence Syndrome. <i>Frontiers in Pediatrics</i> , 2017, 5, 176.	0.9	13
1198	Clinical Impact of Genomic Information in Pediatric Leukemia. <i>Frontiers in Pediatrics</i> , 2017, 5, 263.	0.9	7
1199	Assessing Genetic Literacy Awareness and Knowledge Gaps in the US Population: Results from the Health Information National Trends Survey. <i>Public Health Genomics</i> , 2017, 20, 343-348.	0.6	61
1200	Bioinformatics and Precision Medicine. , 2017, , 145-160.		1
1201	Synthesis of Mixed Metal oxides Nano-Colloidal Particles and Investigation of the Cytotoxicity Effects on the Human Pulmonary cell lines: A prospective Approach in Anti-Tuberculosis Inhaled Nanoparticles. <i>Oriental Journal of Chemistry</i> , 2017, 33, 1529-1544.	0.1	5
1202	Ubiquitous Pharmacogenomics (U-PGx): The Time for Implementation is Now. An Horizon2020 Program to Drive Pharmacogenomics into Clinical Practice. <i>Current Pharmaceutical Biotechnology</i> , 2017, 18, 204-209.	0.9	51
1203	Mutational Landscapes of Smoking-Related Cancers in Caucasians and African Americans: Precision Oncology Perspectives at Wake Forest Baptist Comprehensive Cancer Center. <i>Theranostics</i> , 2017, 7, 2914-2923.	4.6	31
1204	Computational analyses and 3D printed models. , 2017, , 73-90.		4
1205	Hybrid polysaccharide-based systems for biomedical applications. , 2017, , 107-149.		3
1206	A selected reaction monitoring mass spectrometric assessment of biomarker candidates diagnosing large-cell neuroendocrine lung carcinoma by the scaling method using endogenous references. <i>PLoS ONE</i> , 2017, 12, e0176219.	1.1	12
1207	Meaningless comparisons lead to false optimism in medical machine learning. <i>PLoS ONE</i> , 2017, 12, e0184604.	1.1	44
1208	Relative predictive value of lung cancer screening CT versus myocardial perfusion attenuation correction CT in the evaluation of coronary calcium. <i>PLoS ONE</i> , 2017, 12, e0175678.	1.1	5
1209	Identifying genetic variants that affect viability in large cohorts. <i>PLoS Biology</i> , 2017, 15, e2002458.	2.6	71

#	ARTICLE	IF	CITATIONS
1210	Patient-specific modeling of individual sickle cell behavior under transient hypoxia. PLoS Computational Biology, 2017, 13, e1005426.	1.5	24
1211	Addressing the challenges of applying precision oncology. Npj Precision Oncology, 2017, 1, 28.	2.3	43
1212	Integrating data from randomized controlled trials and observational studies to predict the response to pregabalin in patients with painful diabetic peripheral neuropathy. BMC Medical Research Methodology, 2017, 17, 113.	1.4	6
1213	Security controls in an integrated Biobank to protect privacy in data sharing: rationale and study design. BMC Medical Informatics and Decision Making, 2017, 17, 100.	1.5	30
1214	Can learning health systems help organisations deliver personalised care?. BMC Medicine, 2017, 15, 177.	2.3	30
1215	Personalized medicine and Hispanic health: improving health outcomes and reducing health disparities – a National Heart, Lung, and Blood Institute workshop report. BMC Proceedings, 2017, 11, 11.	1.8	22
1216	Controlling the signal: Practical privacy protection of genomic data sharing through Beacon services. BMC Medical Genomics, 2017, 10, 39.	0.7	17
1217	Using omics approaches to understand pulmonary diseases. Respiratory Research, 2017, 18, 149.	1.4	90
1218	Methods for enhancing the reproducibility of biomedical research findings using electronic health records. BioData Mining, 2017, 10, 31.	2.2	20
1219	PD-1/PD-L blockade in gastrointestinal cancers: lessons learned and the road toward precision immunotherapy. Journal of Hematology and Oncology, 2017, 10, 146.	6.9	77
1220	Endotype-driven treatment in chronic upper airway diseases. Clinical and Translational Allergy, 2017, 7, 22.	1.4	117
1221	Exploratory ECG analysis of driving events using wavelet band metrics. , 2017, , .		1
1223	Shifting Institutional Roles in Biomedical Innovation in a Learning Healthcare System. SSRN Electronic Journal, 0, , .	0.4	0
1224	Human iPSC Models in Drug Discovery: Opportunities and Challenges. , 2017, , 48-73.		4
1225	Companion Diagnostics: From Biomarkers to Diagnostics. , 2017, , 530-545.		2
1226	Quantile Regression Models and Their Applications: A Review. Journal of Biometrics & Biostatistics, 2017, 08, .	4.0	64
1227	Innovative measures to combat rare diseases in China: The national rare diseases registry system, larger-scale clinical cohort studies, and studies in combination with precision medicine research. Intractable and Rare Diseases Research, 2017, 6, 1-5.	0.3	18
1228	Ethical Issues in Using Genomics to Influence Educational Practice. , 0, , 309-324.		0

#	ARTICLE	IF	CITATIONS
1229	Can composite digital monitoring biomarkers come of age? A framework for utilization. <i>Journal of Clinical and Translational Science</i> , 2017, 1, 373-380.	0.3	14
1230	Bidirectional Associations Between Psychological States and Physical Activity in Adolescents: A mHealth Pilot Study. <i>Journal of Pediatric Psychology</i> , 2017, 42, js099.	1.1	22
1231	The Exposome Paradigm in Human Health: Lessons from the Emory Exposome Summer Course. <i>Environmental Health Perspectives</i> , 2017, 125, 064502.	2.8	25
1232	Added Value from Secondary Use of Person Generated Health Data in Consumer Health Informatics. <i>Yearbook of Medical Informatics</i> , 2017, 26, 160-171.	0.8	18
1233	Precision Education Initiative: The Possibility of Personalized Education. , 0, , 159-182.		1
1234	Cancer Immunotherapy and Personalized Medicine: Emerging Technologies and Biomarker Based Approaches. <i>Journal of Molecular Biomarkers & Diagnosis</i> , 2017, 08, .	0.4	25
1235	Genes, Genomes, and Genomics. , 2017, , 1-23.		1
1236	Evaluation Considerations for Secondary Uses of Clinical Data: Principles for an Evidence-based Approach to Policy and Implementation of Secondary Analysis. <i>Yearbook of Medical Informatics</i> , 2017, 26, 59-67.	0.8	13
1237	KCNQ1 Gene Variants in Large Asymptomatic Populations: Considerations for Genomic Screening of Military Cohorts. <i>Military Medicine</i> , 2017, 182, e1795-e1800.	0.4	3
1238	Prevalence of clinically actionable genotypes and medication exposure of older adults in the community. <i>Pharmacogenomics and Personalized Medicine</i> , 2017, Volume10, 17-27.	0.4	2
1239	Commentary/Expert Reviews on Topic Personalized Treatment of Diabetes-Role of Stem Cell. <i>Journal of Biomedical Sciences</i> , 2017, 06, .	0.3	0
1240	Seeking an expanded, multidimensional conceptual approach to health literacy and health disparities research. <i>Information Services and Use</i> , 2017, 37, 59-83.	0.1	6
1241	Genetic identification of a common collagen disease in Puerto Ricans via identity-by-descent mapping in a health system. <i>ELife</i> , 2017, 6, .	2.8	65
1242	CRISPR-Cas9: a promising tool for gene editing on induced pluripotent stem cells. <i>Korean Journal of Internal Medicine</i> , 2017, 32, 42-61.	0.7	45
1243	3D High-Content Screening of Organoids for Drug Discovery. , 2017, , 388-415.		13
1244	Clinical Applications of Personalized Medicine: A New Paradigm and Challenge. <i>Current Pharmaceutical Biotechnology</i> , 2017, 18, 194-203.	0.9	89
1245	Bsm1 (rs1544410) and FokI (rs2228570) vitamin D receptor polymorphisms, smoking, and body mass index as risk factors of cutaneous malignant melanoma in northeast Italy. <i>Cancer Biology and Medicine</i> , 2017, 14, 302.	1.4	18
1246	Differences in Treatment Effect Size Between Overall Survival and Progression-Free Survival in Immunotherapy Trials: A Meta-Epidemiologic Study of Trials With Results Posted at ClinicalTrials.gov. <i>Journal of Clinical Oncology</i> , 2017, 35, 1686-1694.	0.8	52

#	ARTICLE	IF	CITATIONS
1247	Charting the Future of Cancer Health Disparities Research: A Position Statement From the American Association for Cancer Research, the American Cancer Society, the American Society of Clinical Oncology, and the National Cancer Institute. <i>Journal of Clinical Oncology</i> , 2017, 35, 3075-3082.	0.8	62
1249	Gastric Cancer in Asia: Unique Features and Management. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2017, 37, 279-291.	1.8	27
1250	Identifying Health Information Technology Needs of Oncologists to Facilitate the Adoption of Genomic Medicine: Recommendations From the 2016 American Society of Clinical Oncology Omics and Precision Oncology Workshop. <i>Journal of Clinical Oncology</i> , 2017, 35, 3153-3159.	0.8	20
1251	Recent Advances in Understanding and Managing Cardiomyopathy. <i>F1000Research</i> , 2017, 6, 1659.	0.8	2
1252	Personomics: The Missing Link in the Evolution from Precision Medicine to Personalized Medicine. <i>Journal of Personalized Medicine</i> , 2017, 7, 11.	1.1	39
1253	Beyond Positive Margins and Extracapsular Extension: Evaluating the Utilization and Clinical Impact of Postoperative Chemoradiotherapy in Resected Locally Advanced Head and Neck Cancer. <i>Journal of Clinical Oncology</i> , 2017, 35, 1550-1560.	0.8	43
1254	A Community Effort to Protect Genomic Data Sharing, Collaboration and Outsourcing. <i>SSRN Electronic Journal</i> , 2017, , .	0.4	0
1256	PEER-REVIEWED JOURNAL EDITORS'™ VIEWS ON REAL-WORLD EVIDENCE. <i>International Journal of Technology Assessment in Health Care</i> , 2018, 34, 111-119.	0.2	11
1257	Importance of investing in adolescence from a developmental science perspective. <i>Nature</i> , 2018, 554, 441-450.	13.7	614
1258	Operationalizing the Reciprocal Engagement Model of Genetic Counseling Practice: a Framework for the Scalable Delivery of Genomic Counseling and Testing. <i>Journal of Genetic Counseling</i> , 2018, 27, 1111-1129.	0.9	25
1259	Microfluidic cell sorting by stiffness to examine heterogenic responses of cancer cells to chemotherapy. <i>Cell Death and Disease</i> , 2018, 9, 239.	2.7	52
1260	Evidence-based medicine and big genomic data. <i>Human Molecular Genetics</i> , 2018, 27, R2-R7.	1.4	29
1261	Systematic Protein Prioritization for Targeted Proteomics Studies through Literature Mining. <i>Journal of Proteome Research</i> , 2018, 17, 1383-1396.	1.8	16
1262	Precision Medicine in Prostate Cancer: Approach to the Patient. <i>Molecular Pathology Library</i> , 2018, , 3-12.	0.1	0
1263	Patient-Specific Cardiovascular Computational Modeling: Diversity of Personalization and Challenges. <i>Journal of Cardiovascular Translational Research</i> , 2018, 11, 80-88.	1.1	97
1264	From here to 2025: Personalised medicine and healthcare for an immediate future. <i>Journal of Cancer Policy</i> , 2018, 16, 6-21.	0.6	11
1265	Genome-wide CRISPR screen reveals SGOL1 as a druggable target of sorafenib-treated hepatocellular carcinoma. <i>Laboratory Investigation</i> , 2018, 98, 734-744.	1.7	40
1266	Clinical judgement in precision medicine. <i>Journal of Evaluation in Clinical Practice</i> , 2018, 24, 646-648.	0.9	4

#	ARTICLE	IF	CITATIONS
1267	Periodontal profile classes predict periodontal disease progression and tooth loss. <i>Journal of Periodontology</i> , 2018, 89, 148-156.	1.7	37
1268	Towards precision medicine; a new biomedical cosmology. <i>Medicine, Health Care and Philosophy</i> , 2018, 21, 443-456.	0.9	17
1269	Biobanking in Precision Medicine. <i>Current Pharmacology Reports</i> , 2018, 4, 91-101.	1.5	5
1270	Toward achieving precision health. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	134
1271	INTEGRATING COMMUNITY-LEVEL DATA RESOURCES FOR PRECISION MEDICINE RESEARCH. , 2018, , .		3
1272	The research participant perspective related to the conduct of genomic cohort studies: A systematic review of the quantitative literature. <i>Translational Behavioral Medicine</i> , 2018, 8, 119-129.	1.2	26
1273	IMAGING GENOMICS. , 2018, , .		0
1274	Lung Disease and Genomics. <i>AACN Advanced Critical Care</i> , 2018, 29, 74-83.	0.6	1
1275	Moments of Wonder. <i>American Journal of Medicine</i> , 2018, 131, 852-853.	0.6	2
1276	Precision medicine. <i>Brazilian Journal of Otorhinolaryngology</i> , 2018, 84, 263-264.	0.4	0
1277	Emerging Roles for Clinical Pharmacometrics in Cancer Precision Medicine. <i>Current Pharmacology Reports</i> , 2018, 4, 276-283.	1.5	10
1278	Current and emerging two-drug approaches for HIV-1 therapy in ART-naïve and ART-experienced, virologically suppressed patients. <i>Expert Opinion on Pharmacotherapy</i> , 2018, 19, 713-738.	0.9	34
1279	Sex-Related Differences in Patients With Inflammatory Bowel Disease: Results of 2 Prospective Cohort Studies. <i>Inflammatory Bowel Diseases</i> , 2018, 24, 1298-1306.	0.9	53
1280	Dosimetry in the Radioiodine Treatment of Hyperthyroidism. , 2018, , 33-44.		1
1281	Principles of Precision Prevention Science for Improving Recruitment and Retention of Participants. <i>Prevention Science</i> , 2018, 19, 689-694.	1.5	34
1282	Personalised medicine in interstitial lung diseases. <i>European Respiratory Review</i> , 2018, 27, 170117.	3.0	16
1283	“You-on-a-chip”™ for precision medicine. <i>Expert Review of Precision Medicine and Drug Development</i> , 2018, 3, 137-146.	0.4	13
1284	Point of care diaphragm ultrasound in infants with bronchiolitis: A prospective study. <i>Pediatric Pulmonology</i> , 2018, 53, 778-786.	1.0	45

#	ARTICLE	IF	CITATIONS
1285	Initial severity of major depression and efficacy of new generation antidepressants: individual participant data meta-analysis. <i>Acta Psychiatrica Scandinavica</i> , 2018, 137, 450-458.	2.2	39
1286	A nursing theory-guided framework for genetic and epigenetic research. <i>Nursing Inquiry</i> , 2018, 25, e12238.	1.1	4
1287	Getting serious about the early-life epilepsies. <i>Neurology</i> , 2018, 90, 842-848.	1.5	8
1288	High-throughput mouse phenomics for characterizing mammalian gene function. <i>Nature Reviews Genetics</i> , 2018, 19, 357-370.	7.7	78
1290	Beyond Consent: Building Trusting Relationships With Diverse Populations in Precision Medicine Research. <i>American Journal of Bioethics</i> , 2018, 18, 3-20.	0.5	152
1291	Inheritance and Health: What Really Matters?. <i>American Journal of Public Health</i> , 2018, 108, 606-607.	1.5	2
1292	A Blood Test for Alzheimer's Disease: Progress, Challenges, and Recommendations. <i>Journal of Alzheimer's Disease</i> , 2018, 64, S289-S297.	1.2	15
1293	Neuroimmune Biomarkers in Mental Illness. <i>Current Topics in Behavioral Neurosciences</i> , 2018, 40, 45-78.	0.8	27
1294	Obesity as a Disease, Not a Behavior. <i>Circulation</i> , 2018, 137, 1543-1545.	1.6	20
1295	Tree-based ensemble methods for individualized treatment rules. <i>Biostatistics and Epidemiology</i> , 2018, 2, 61-83.	0.4	2
1296	Approaches to cutaneous wound healing: basics and future directions. <i>Cell and Tissue Research</i> , 2018, 374, 217-232.	1.5	85
1297	Nutritional Genomics and Direct-to-Consumer Genetic Testing: An Overview. <i>Advances in Nutrition</i> , 2018, 9, 128-135.	2.9	39
1298	Genetic counseling among minority populations in the era of precision medicine. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2018, 178, 68-74.	0.7	24
1299	Accumulating Data to Optimally Predict Obesity Treatment (ADOPT) Core Measures: Psychosocial Domain. <i>Obesity</i> , 2018, 26, S45-S54.	1.5	25
1300	Shifting institutional roles in biomedical innovation in a learning healthcare system. <i>Journal of Institutional Economics</i> , 2018, 14, 1139-1162.	1.3	4
1301	Precision Therapy of Head and Neck Squamous Cell Carcinoma. <i>Journal of Dental Research</i> , 2018, 97, 614-621.	2.5	44
1302	Improving decision making on DPYD and <i>UGT1A1</i> patients' profiling with an innovative reimbursement strategy. <i>Pharmacogenomics</i> , 2018, 19, 301-304.	0.6	1
1303	The NSIGHT1-randomized controlled trial: rapid whole-genome sequencing for accelerated etiologic diagnosis in critically ill infants. <i>Npj Genomic Medicine</i> , 2018, 3, 6.	1.7	156

#	ARTICLE	IF	CITATIONS
1304	COPD: time to improve its taxonomy?. ERJ Open Research, 2018, 4, 00132-2017.	1.1	84
1305	<scp>TNF</scp> level affects etanercept clearance: <scp>TNF</scp> concentration as a new correction factor of allometric scaling to predict individual etanercept clearances in patients with ankylosing spondylitis. Clinical and Experimental Pharmacology and Physiology, 2018, 45, 643-651.	0.9	8
1306	Regulatory-accepted drug development tools are needed to accelerate innovative CNS disease treatments. Biochemical Pharmacology, 2018, 151, 291-306.	2.0	27
1307	How Sensors, Devices, and Biomarkers Can Transform Precision Medicine: Perspectives From a Clinical and Translational Science Institute. Clinical Therapeutics, 2018, 40, 345-348.	1.1	5
1308	Federated learning of predictive models from federated Electronic Health Records. International Journal of Medical Informatics, 2018, 112, 59-67.	1.6	492
1309	Population-Wide Genetic Risk Prediction of Complex Diseases: A Pilot Feasibility Study in Macau Population for Precision Public Healthcare Planning. Scientific Reports, 2018, 8, 1853.	1.6	7
1310	The NCI-MATCH trial and precision medicine in gynecologic cancers. Gynecologic Oncology, 2018, 148, 585-590.	0.6	38
1312	What Is an Addictive Disorder?. JAMA Psychiatry, 2018, 75, 229.	6.0	44
1313	A roadmap towards personalized immunology. Npj Systems Biology and Applications, 2018, 4, 9.	1.4	43
1314	When Personal Feels Invasive: Foreseeing Challenges in Precision Medicine Communication. Journal of Health Communication, 2018, 23, 144-152.	1.2	12
1315	Salivary proteomics in lichen planus: A relationship with pathogenesis?. Oral Diseases, 2018, 24, 784-792.	1.5	16
1316	Medical Genomics: Personalized Precision. , 0, , 301-330.		0
1317	Cloud computing for genomic data analysis and collaboration. Nature Reviews Genetics, 2018, 19, 208-219.	7.7	205
1318	Precision medicine in diabetes: an opportunity for clinical translation. Annals of the New York Academy of Sciences, 2018, 1411, 140-152.	1.8	32
1319	SH2B1 promotes epithelialâ€mesenchymal transition through the IRS1/Î²â€catenin signaling axis in lung adenocarcinoma. Molecular Carcinogenesis, 2018, 57, 640-652.	1.3	13
1320	The inflammatory effects of TNF-Î± and complement component 3 on coagulation. Scientific Reports, 2018, 8, 1812.	1.6	95
1321	Advanced Topics on Dose-Finding Designs. SpringerBriefs in Statistics, 2018, , 81-89.	0.3	0
1322	Engineering precision biomaterials for personalized medicine. Science Translational Medicine, 2018, 10, .	5.8	145

#	ARTICLE	IF	CITATIONS
1323	Application of single-cell sequencing in human cancer. <i>Briefings in Functional Genomics</i> , 2018, 17, 273-282.	1.3	34
1324	Variability Assessment of 90 Salivary Proteins in Intraday and Interday Samples from Healthy Donors by Multiple Reaction Monitoring-Mass Spectrometry. <i>Proteomics - Clinical Applications</i> , 2018, 12, 1700039.	0.8	17
1325	Genetics and Genomics of Systemic Hypertension. , 2018, , 723-740.		0
1326	The Glycoproteomics-MS for Studying Glycosylation in Cardiac Hypertrophy and Heart Failure. <i>Proteomics - Clinical Applications</i> , 2018, 12, e1700075.	0.8	17
1327	Precision nutrition for prevention and management of type 2 diabetes. <i>Lancet Diabetes and Endocrinology</i> , 2018, 6, 416-426.	5.5	159
1328	The impact of rectal cancer tumor height on recurrence rates and metastatic location: A competing risk analysis of a national database. <i>Cancer Epidemiology</i> , 2018, 53, 56-64.	0.8	16
1329	Integrating bioinformatics approaches for a comprehensive interpretation of metabolomics datasets. <i>Current Opinion in Biotechnology</i> , 2018, 54, 1-9.	3.3	50
1330	Protecting Your Patients'™ Interests in the Era of Big Data, Artificial Intelligence, and Predictive Analytics. <i>Journal of the American College of Radiology</i> , 2018, 15, 580-586.	0.9	96
1331	A meta-analysis approach with filtering for identifying gene-level gene-environment interactions. <i>Genetic Epidemiology</i> , 2018, 42, 434-446.	0.6	5
1332	Implementing genome-driven personalized cardiology in clinical practice. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 115, 142-157.	0.9	21
1333	Patient understanding of, satisfaction with, and perceived utility of whole-genome sequencing: findings from the MedSeq Project. <i>Genetics in Medicine</i> , 2018, 20, 1069-1076.	1.1	58
1334	Transcriptional characterization of immunological infiltrates and their relation with glioblastoma patients overall survival. <i>Oncolmmunology</i> , 2018, 7, e1431083.	2.1	28
1335	Companion diagnostics: new opportunities for safe and effective anti-infectious disease therapies. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-2.	3.0	3
1336	Shifting sands: the complexities and uncertainties of the evolving US regulatory, policy, and scientific landscape for biospecimen research. <i>Diagnostic Histopathology</i> , 2018, 24, 136-148.	0.2	5
1337	Cumplimiento terapéutico del tratamiento con estatinas: medicina de precisión para optimizar la adherencia. <i>Revista Espanola De Cardiologia</i> , 2018, 71, 4-5.	0.6	3
1338	Advances in Renal Cell Imaging. <i>Seminars in Nephrology</i> , 2018, 38, 52-62.	0.6	19
1339	Translating Knowledge Into Therapy for Acute Kidney Injury. <i>Seminars in Nephrology</i> , 2018, 38, 88-97.	0.6	22
1340	Translation of combination nanodrugs into nanomedicines: lessons learned and future outlook. <i>Journal of Drug Targeting</i> , 2018, 26, 435-447.	2.1	26

#	ARTICLE	IF	CITATIONS
1341	Research Strategies for Nutritional and Physical Activity Epidemiology and Cancer Prevention. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018, 27, 233-244.	1.1	15
1342	Hippocampal metabolic differences implicate distinctions between physical and psychological stress in four rat models of depression. <i>Translational Psychiatry</i> , 2018, 8, 4.	2.4	66
1343	Population Neuroscience. <i>Alzheimer Disease and Associated Disorders</i> , 2018, 32, 1-9.	0.6	32
1344	Patient-specific simulations for planning treatment in congenital heart disease. <i>Interface Focus</i> , 2018, 8, 20170021.	1.5	35
1345	The economic case for precision medicine. <i>Expert Review of Precision Medicine and Drug Development</i> , 2018, 3, 1-9.	0.4	66
1346	Population-dependent Intron Retention and DNA Methylation in Breast Cancer. <i>Molecular Cancer Research</i> , 2018, 16, 461-469.	1.5	23
1347	Machine Learning Algorithm Predicts Cardiac Resynchronization Therapy Outcomes. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e005499.	2.1	86
1348	Perspectives in Primary Care: Knowing the Patient as a Person in the Precision Medicine Era. <i>Annals of Family Medicine</i> , 2018, 16, 4-5.	0.9	13
1349	Conceptual endophenotypes: A strategy to advance the impact of psychoneuroendocrinology in precision medicine. <i>Psychoneuroendocrinology</i> , 2018, 89, 147-160.	1.3	22
1350	PET Imaging of VCAM-1 Expression and Monitoring Therapy Response in Tumor with a 68Ga-Labeled Single Chain Variable Fragment. <i>Molecular Pharmaceutics</i> , 2018, 15, 609-618.	2.3	16
1351	Representing a "revolution": how the popular press has portrayed personalized medicine. <i>Genetics in Medicine</i> , 2018, 20, 950-956.	1.1	54
1352	Precision oncology in the age of integrative genomics. <i>Nature Biotechnology</i> , 2018, 36, 46-60.	9.4	104
1353	Cultural primer for cardiometabolic health: health disparities, structural factors, community, pathways to improvement, and clinical applications. <i>Postgraduate Medicine</i> , 2018, 130, 200-221.	0.9	7
1354	Clinical, Biological, and Therapeutic Characteristics Between Depression with and Without Medical Illness. , 2018, , 175-186.		0
1355	Systematic analyses of drugs and disease indications in RepurposeDB reveal pharmacological, biological and epidemiological factors influencing drug repositioning. <i>Briefings in Bioinformatics</i> , 2018, 19, 656-678.	3.2	81
1356	Biomarkers of Barrett's Esophagus: From the Laboratory to Clinical Practice. <i>Digestive Diseases and Sciences</i> , 2018, 63, 2070-2080.	1.1	19
1357	MicroRNA-365 promotes lung carcinogenesis by downregulating the USP33/SLIT2/ROBO1 signalling pathway. <i>Cancer Cell International</i> , 2018, 18, 64.	1.8	37
1358	Tensions in ethics and policy created by National Precision Medicine Programs. <i>Human Genomics</i> , 2018, 12, 22.	1.4	32

#	ARTICLE	IF	CITATIONS
1359	Time Series Feature Extraction on basis of Scalable Hypothesis tests (tsfresh – A Python package). <i>Neurocomputing</i> , 2018, 307, 72-77.	3.5	649
1360	Profiling and Leveraging Relatedness in a Precision Medicine Cohort of 92,455 Exomes. <i>American Journal of Human Genetics</i> , 2018, 102, 874-889.	2.6	58
1361	Low clinical adoption of tumor genomic profiling: cause for concern?. <i>Journal of Medical Economics</i> , 2018, 21, 721-723.	1.0	0
1362	Mobile health intervention for youth with sickle cell disease: Impact on adherence, disease knowledge, and quality of life. <i>Pediatric Blood and Cancer</i> , 2018, 65, e27081.	0.8	36
1363	APOBEC3B and APOBEC mutational signature as potential predictive markers for immunotherapy response in non-small cell lung cancer. <i>Oncogene</i> , 2018, 37, 3924-3936.	2.6	204
1364	Personal Omics for Precision Health. <i>Circulation Research</i> , 2018, 122, 1169-1171.	2.0	54
1365	Frequencies and expression levels of programmed death ligand 1 (PD-L1) in circulating tumor RNA (ctRNA) in various cancer types. <i>Biochemical and Biophysical Research Communications</i> , 2018, 500, 621-625.	1.0	44
1366	Guest Editorial: A Roadmap for Mobile and Cloud Services for Digital Health. <i>IEEE Transactions on Services Computing</i> , 2018, 11, 232-235.	3.2	6
1367	Identifying optimal dosage regimes under safety constraints: An application to long term opioid treatment of chronic pain. <i>Statistics in Medicine</i> , 2018, 37, 1407-1418.	0.8	13
1368	Personalising Prostate Radiotherapy in the Era of Precision Medicine: A Review. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2018, 49, 376-382.	0.2	3
1369	Incidence of isolated local breast cancer recurrence and contralateral breast cancer: A systematic review. <i>Breast</i> , 2018, 39, 70-79.	0.9	60
1370	Endotypes in allergic diseases. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2018, 18, 177-183.	1.1	15
1371	Exercise Therapy and Cardiovascular Toxicity in Cancer. <i>Circulation</i> , 2018, 137, 1176-1191.	1.6	170
1372	Statistical issues and advances in cancer precision medicine research. <i>Journal of Biopharmaceutical Statistics</i> , 2018, 28, 215-216.	0.4	0
1373	How Wearable Computing Is Shaping Digital Health. <i>IEEE Pervasive Computing</i> , 2018, 17, 92-98.	1.1	35
1374	New steps for treating alcohol use disorder. <i>Psychopharmacology</i> , 2018, 235, 1759-1773.	1.5	37
1375	PRECISION MEDICINE: FROM DILOTYPES TO DISPARITIES TOWARDS IMPROVED HEALTH AND THERAPIES. , 2018, , .		3
1376	Considerations for automated machine learning in clinical metabolic profiling: Altered homocysteine plasma concentration associated with metformin exposure. , 2018, , .		16

#	ARTICLE	IF	CITATIONS
1377	Health Research with Big Data: Time for Systemic Oversight. <i>Journal of Law, Medicine and Ethics</i> , 2018, 46, 119-129.	0.4	90
1378	The Hypothesis-Driven Physical Examination. <i>Medical Clinics of North America</i> , 2018, 102, 433-442.	1.1	25
1379	The future of radiology augmented with Artificial Intelligence: A strategy for success. <i>European Journal of Radiology</i> , 2018, 102, 152-156.	1.2	169
1380	Gatekeeping and trailblazing: The role of biomarkers in novel guidelines for diagnosing Alzheimer's disease. <i>BioSocieties</i> , 2018, 13, 213-231.	0.8	11
1381	The impact of creating mathematical formula to predict cardiovascular events in patients with heart failure. <i>Scientific Reports</i> , 2018, 8, 3986.	1.6	7
1382	Biomedical informatics and machine learning for clinical genomics. <i>Human Molecular Genetics</i> , 2018, 27, R29-R34.	1.4	28
1383	Lung cancer health disparities. <i>Carcinogenesis</i> , 2018, 39, 741-751.	1.3	66
1385	Thought-Leader Perspectives on Risks in Precision Medicine Research. , 0, , 161-174.		2
1387	Medical Malpractice and Black-Box Medicine. , 0, , 295-306.		18
1388	Building a Bridge Between Genetics and Outcomes Research: Application in Autism (The AutGO Study). <i>Patient</i> , 2018, 11, 451-462.	1.1	3
1389	3D Printing Pharmaceuticals: Drug Development to Frontline Care. <i>Trends in Pharmacological Sciences</i> , 2018, 39, 440-451.	4.0	336
1390	Precision medicine for drug-resistant tuberculosis in high-burden countries: is individualised treatment desirable and feasible?. <i>Lancet Infectious Diseases</i> , The, 2018, 18, e282-e287.	4.6	35
1391	Genetic influences on conduct disorder. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 91, 91-101.	2.9	54
1392	Genome, transcriptome and proteome: the rise of omics data and their integration in biomedical sciences. <i>Briefings in Bioinformatics</i> , 2018, 19, 286-302.	3.2	498
1393	Leveraging Genomic Data in Smoking Cessation Trials in the Era of Precision Medicine: Why and How. <i>Nicotine and Tobacco Research</i> , 2018, 20, 414-424.	1.4	15
1394	Deep learning for healthcare: review, opportunities and challenges. <i>Briefings in Bioinformatics</i> , 2018, 19, 1236-1246.	3.2	1,459
1395	Opportunities and Challenges in Precision Medicine: Improving Cancer Prevention and Treatment for Asian Americans. <i>Journal of Racial and Ethnic Health Disparities</i> , 2018, 5, 1-6.	1.8	17
1396	Public Trust in Health Information Sharing: A Measure of System Trust. <i>Health Services Research</i> , 2018, 53, 824-845.	1.0	52

#	ARTICLE	IF	CITATIONS
1397	Cystic fibrosis in the era of precision medicine. <i>Paediatric Respiratory Reviews</i> , 2018, 25, 64-72.	1.2	23
1398	GWAS signals revisited using human knockouts. <i>Genetics in Medicine</i> , 2018, 20, 64-68.	1.1	6
1399	La ense�anza de Farmacogen�tica/Farmacogen�mica y Gen�tica en las facultades de Farmacia de Espa�a, las causas del atraso. <i>Educacion Medica</i> , 2018, 19, 203-210.	0.3	0
1400	The use of electronic health records for psychiatric phenotyping and genomics. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2018, 177, 601-612.	1.1	77
1401	Pharmacogenetic Decision Support Tools: A New Paradigm for Late-Life Depression?. <i>American Journal of Geriatric Psychiatry</i> , 2018, 26, 125-133.	0.6	18
1402	Personalized Medicine Versus Quality: Contradictory or Mutually Dependent?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 101, 271-273.	0.4	0
1403	A systematic review of dental disease management in cancer patients. <i>Supportive Care in Cancer</i> , 2018, 26, 155-174.	1.0	62
1404	Omics Analysis System for Precision Oncology (OASISPRO): a web-based omics analysis tool for clinical phenotype prediction. <i>Bioinformatics</i> , 2018, 34, 319-320.	1.8	19
1405	Comparative Genomic Profiling of Matched Primary and Metastatic Tumors in Renal Cell Carcinoma. <i>European Urology Focus</i> , 2018, 4, 986-994.	1.6	29
1406	Applying family analyses to electronic health records to facilitate genetic research. <i>Bioinformatics</i> , 2018, 34, 635-642.	1.8	8
1407	Precision medicine – A promising, yet challenging road lies ahead. <i>Current Opinion in Systems Biology</i> , 2018, 7, 1-7.	1.3	13
1408	Downregulation of DNMT3A by miR-708-5p Inhibits Lung Cancer Stem Cell-like Phenotypes through Repressing Wnt/ β 2-catenin Signaling. <i>Clinical Cancer Research</i> , 2018, 24, 1748-1760.	3.2	96
1409	Precision Medicine Is Not Just Genomics: The Right Dose for Every Patient. <i>Annual Review of Pharmacology and Toxicology</i> , 2018, 58, 105-122.	4.2	82
1410	Precision Medicine for Ischemic Stroke, Let Us Move Beyond Time Is Brain. <i>Translational Stroke Research</i> , 2018, 9, 93-95.	2.3	15
1411	Next generation sequencing applications for cardiovascular disease. <i>Annals of Medicine</i> , 2018, 50, 91-109.	1.5	29
1412	Disclosure of Personalized Rheumatoid Arthritis Risk Using Genetics, Biomarkers, and Lifestyle Factors to Motivate Health Behavior Improvements: A Randomized Controlled Trial. <i>Arthritis Care and Research</i> , 2018, 70, 823-833.	1.5	60
1413	Preclinical and Coclinical Studies in Prostate Cancer. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2018, 8, a030544.	2.9	3
1414	Recent controversies about MDR and XDR TB: Global implementation of the WHO shorter MDR TB regimen and bedaquiline for all with MDR TB?. <i>Respirology</i> , 2018, 23, 36-45.	1.3	52

#	ARTICLE	IF	CITATIONS
1415	Congruence Between Latent Class and K-Modes Analyses in the Identification of Oncology Patients With Distinct Symptom Experiences. <i>Journal of Pain and Symptom Management</i> , 2018, 55, 318-333.e4.	0.6	25
1416	Promoting Collaborations Between Radiologists and Scientists. <i>Academic Radiology</i> , 2018, 25, 9-17.	1.3	4
1417	Highly sensitive detection of ESR1 mutations in cell-free DNA from patients with metastatic breast cancer using molecular barcode sequencing. <i>Breast Cancer Research and Treatment</i> , 2018, 167, 49-58.	1.1	20
1418	Mutations in context: implications of BRCA testing in diverse populations. <i>Familial Cancer</i> , 2018, 17, 471-483.	0.9	23
1419	Transformational thinking about asthma. <i>Lancet, The</i> , 2018, 391, e2-e3.	6.3	5
1420	Phelanâ€McDermid syndrome data network: Integrating patient reported outcomes with clinical notes and curated genetic reports. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2018, 177, 613-624.	1.1	12
1421	Precision medicine: diagnosis and management of obesity. <i>Lancet Diabetes and Endocrinology</i> , the, 2018, 6, 164-166.	5.5	43
1422	Consensus Guidelines for Therapeutic Drug Monitoring in Neuropsychopharmacology: Update 2017. <i>Pharmacopsychiatry</i> , 2018, 51, 9-62.	1.7	787
1423	A risk score including body mass index, glycated haemoglobin and triglycerides predicts future glycaemic control in people with type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 681-688.	2.2	33
1424	Organoids: An intermediate modeling platform in precision oncology. <i>Cancer Letters</i> , 2018, 414, 174-180.	3.2	62
1425	Improved ethical guidance for the return of results from psychiatric genomics research. <i>Molecular Psychiatry</i> , 2018, 23, 15-23.	4.1	24
1426	Precision Medicine from a Public Health Perspective. <i>Annual Review of Public Health</i> , 2018, 39, 153-168.	7.6	95
1427	Advances in Text Mining and Visualization for Precision Medicine. , 2018, , .		3
1428	Towards the application of precision medicine in Age-Related Macular Degeneration. <i>Progress in Retinal and Eye Research</i> , 2018, 63, 132-146.	7.3	56
1429	Institutionalisation of markets: The case of personalised cancer medicine in the Netherlands. <i>Technological Forecasting and Social Change</i> , 2018, 128, 133-143.	6.2	23
1430	Systems biology for nursing in the era of big data and precision health. <i>Nursing Outlook</i> , 2018, 66, 283-292.	1.5	25
1431	Modernizing Human Cancer Risk Assessment of Therapeutics. <i>Trends in Pharmacological Sciences</i> , 2018, 39, 232-247.	4.0	17
1432	From public health genomics to precision public health: a 20-year journey. <i>Genetics in Medicine</i> , 2018, 20, 574-582.	1.1	109

#	ARTICLE	IF	CITATIONS
1433	Hospital nursing leadership-led interventions increased genomic awareness and educational intent in Magnet settings. <i>Nursing Outlook</i> , 2018, 66, 244-253.	1.5	28
1434	Advancing cancer drug development through precision medicine and innovative designs. <i>Journal of Biopharmaceutical Statistics</i> , 2018, 28, 229-244.	0.4	1
1435	Effects of stress on the development and progression of cardiovascular disease. <i>Nature Reviews Cardiology</i> , 2018, 15, 215-229.	6.1	625
1436	Biomarkers: Delivering on the expectation of molecularly driven, quantitative health. <i>Experimental Biology and Medicine</i> , 2018, 243, 313-322.	1.1	13
1437	Bladder Pain Syndrome – An Evolution. , 2018, , .		5
1438	Real-World Evidence: Useful in the Real World of US Payer Decision Making? How? When? And What Studies?. <i>Value in Health</i> , 2018, 21, 326-333.	0.1	46
1439	Digital image analysis in breast pathology – from image processing techniques to artificial intelligence. <i>Translational Research</i> , 2018, 194, 19-35.	2.2	203
1440	The genetics of obstructive sleep apnoea. <i>Respirology</i> , 2018, 23, 18-27.	1.3	63
1441	Deep Learning in Nuclear Medicine and Molecular Imaging: Current Perspectives and Future Directions. <i>Nuclear Medicine and Molecular Imaging</i> , 2018, 52, 109-118.	0.6	57
1442	Consumer use and response to online third-party raw <scp>DNA</scp> interpretation services. <i>Molecular Genetics & Genomic Medicine</i> , 2018, 6, 35-43.	0.6	34
1443	Commentary for Special Issue of Prevention Science – Using Genetics in Prevention: Science Fiction or Science Fact? – Prevention Science, 2018, 19, 101-108.	1.5	15
1444	Incorporating Patient Preferences into Estimation of Optimal Individualized Treatment Rules. <i>Biometrics</i> , 2018, 74, 18-26.	0.8	24
1445	Examination of the Patient-Focused Impact of Cancer Telegenetics Among a Rural Population: Comparison with Traditional In-Person Services. <i>Telemedicine Journal and E-Health</i> , 2018, 24, 130-138.	1.6	48
1446	Joint Principal Trend Analysis for Longitudinal High-dimensional Data. <i>Biometrics</i> , 2018, 74, 430-438.	0.8	4
1447	Interpretable Dynamic Treatment Regimes. <i>Journal of the American Statistical Association</i> , 2018, 113, 1541-1549.	1.8	46
1448	To Persist or Not to Persist: Learning From Precision Medicine to Optimize Statin Adherence. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2018, 71, 4-5.	0.4	0
1449	Monoclonal antibodies: technologies for early discovery and engineering. <i>Critical Reviews in Biotechnology</i> , 2018, 38, 394-408.	5.1	61
1450	Next-Generation Cancer Rehabilitation: A Giant Step Forward for Patient Care. <i>Rehabilitation Nursing</i> , 2018, 43, 186-194.	0.3	41

#	ARTICLE	IF	CITATIONS
1451	SMART Cancer Navigator: A Framework for Implementing ASCO Workshop Recommendations to Enable Precision Cancer Medicine. JCO Precision Oncology, 2018, 2018, 1-14.	1.5	19
1452	Use of Next-Generation Sequencing Tests to Guide Cancer Treatment: Results From a Nationally Representative Survey of Oncologists in the United States. JCO Precision Oncology, 2018, 2, 1-13.	1.5	63
1454	Efficacy of Exercise Therapy on Cardiorespiratory Fitness in Patients With Cancer: A Systematic Review and Meta-Analysis. Journal of Clinical Oncology, 2018, 36, 2297-2305.	0.8	223
1455	Complexity of Delivering Precision Medicine: Opportunities and Challenges. American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting, 2018, 38, 998-1007.	1.8	22
1456	Experimentation without Representation. IRB: Ethics & Human Research, 2018, 40, 3-7.	0.8	10
1457	Extending the curve: survival of EGFR-mutated lung cancer patients in the 21st century. Journal of Thoracic Disease, 2018, 10, 1265-1268.	0.6	5
1458	Precision Health Care for Sustainable Patient Centric Solutions. , 2018, , .		1
1459	Gene ontology concept recognition using named concept: understanding the various presentations of the gene functions in biomedical literature. Database: the Journal of Biological Databases and Curation, 2018, 2018, .	1.4	2
1460	Translational medical research and liver transplantation: systematic review. Translational Gastroenterology and Hepatology, 2018, 3, 91-91.	1.5	4
1461	BioCreative VI Precision Medicine Track system performance is constrained by entity recognition and variations in corpus characteristics. Database: the Journal of Biological Databases and Curation, 2018, .	1.4	4
1462	Sustainability considerations for clinical and translational research informatics infrastructure. Journal of Clinical and Translational Science, 2018, 2, 267-275.	0.3	10
1463	Comedication with interacting drugs predisposes amiodarone users in cardiac and surgical intensive care units to acute liver injury. Medicine (United States), 2018, 97, e12301.	0.4	5
1464	Technical Strategies for Real-time Geocoding in Healthcare. , 2018, , .		1
1465	A Tale of 2 Constituencies. Medical Care, 2018, 56, S64-S69.	1.1	18
1466	Identification of drug efficacy change using reconstructed network altered by SNPs on pathway gene. International Journal of Data Mining and Bioinformatics, 2018, 21, 107.	0.1	0
1467	How Stratification Unites Ethical Issues in Precision Health. AMA Journal of Ethics, 2018, 20, E798-803.	0.4	8
1468	Cognitive reappraisal and acceptance: Effects on emotion, physiology, and perceived cognitive costs.. Emotion, 2018, 18, 58-74.	1.5	136
1469	Database Resources of the BIG Data Center in 2018. Nucleic Acids Research, 2018, 46, D14-D20.	6.5	128

#	ARTICLE	IF	CITATIONS
1470	Beyond Public Health Genomics: Can Big Data and Predictive Analytics Deliver Precision Public Health?. Public Health Genomics, 2018, 21, 244-250.	0.6	26
1471	Actionable Gene Alterations in an Asian Population With Triple-Negative Breast Cancer. JCO Precision Oncology, 2018, 2, 1-13.	1.5	3
1472	Oncologists'™ Use of Genomic Sequencing Data to Inform Clinical Management. JCO Precision Oncology, 2018, 2, 1-13.	1.5	4
1473	Cell-based Therapy for Hypertension: Challenges and Perspectives. Current Pharmaceutical Design, 2018, 24, 3084-3089.	0.9	1
1474	Eat & Tell. , 2018, , .		6
1476	Precision medicine in pediatric oncology. Molecular and Cellular Pediatrics, 2018, 5, 6.	1.0	37
1477	Access to Cancer Precision Medicines in Switzerland: A Comparative Analysis (USA and EU) and Health Policy Implications. Public Health Genomics, 2018, 21, 238-243.	0.6	1
1478	Mining Heterogeneous Information Graph for Health Status Classification. , 2018, , .		5
1479	ClustEx2: Gene Module Identification using Density-Based Network Hierarchical Clustering. , 2018, , .		2
1480	Manifestations of Sasang Typology according to Common Chronic Diseases in Koreans. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-8.	0.5	41
1482	Bibliometric Network Analysis and Visualization of Research and Development Trends in Precision Medicine. , 2018, , .		7
1483	New biomarker strategies to enable precision cardiovascular medicine. Current Opinion in Cardiology, 2018, 33, 535-539.	0.8	3
1484	Bayesian variable selection for parametric survival model with applications to cancer omics data. Human Genomics, 2018, 12, 49.	1.4	11
1485	Designing a Novel Framework for Precision Medicine Information Retrieval. Lecture Notes in Computer Science, 2018, , 167-178.	1.0	2
1486	A radiomic approach for adaptive radiotherapy in non-small cell lung cancer patients. PLoS ONE, 2018, 13, e0207455.	1.1	48
1487	The Crisis of Reproducibility, the Denominator Problem and the Scientific Role of Multi-scale Modeling. Bulletin of Mathematical Biology, 2018, 80, 3071-3080.	0.9	28
1489	The role of genomics in transfusion medicine. Current Opinion in Hematology, 2018, 25, 509-515.	1.2	12
1490	Best Practices for Translational Disease Modeling Using Human iPSC-Derived Neurons. Neuron, 2018, 100, 783-797.	3.8	94

#	ARTICLE	IF	CITATIONS
1491	A Fourier-Based Data Minimization Algorithm for Fast and Secure Transfer of Big Genomic Datasets. , 2018, , .		1
1492	The paradox of mutations and cancer. <i>Science</i> , 2018, 362, 893-894.	6.0	26
1493	Online Family Problem-solving Treatment for Pediatric Traumatic Brain Injury. <i>Pediatrics</i> , 2018, 142, .	1.0	12
1494	Precision global health and comorbidity: a population-based study of 16 357 people in rural Uganda. <i>Journal of the Royal Society Interface</i> , 2018, 15, 20180248.	1.5	8
1495	Perceptions of students in health and molecular life sciences regarding pharmacogenomics and personalized medicine. <i>Human Genomics</i> , 2018, 12, 50.	1.4	23
1496	Implementing universal Lynch syndrome screening (IMPULSS): protocol for a multi-site study to identify strategies to implement, adapt, and sustain genomic medicine programs in different organizational contexts. <i>BMC Health Services Research</i> , 2018, 18, 824.	0.9	29
1497	HaploSaurus computes protein haplotypes for use in precision drug design. <i>Nature Communications</i> , 2018, 9, 4128.	5.8	21
1498	Building Evidence for Clinical Use of Pharmacogenomics and Reimbursement for Testing. <i>Advances in Molecular Pathology</i> , 2018, 1, 125-134.	0.2	5
1499	Calculating the statistical significance of rare variants causal for Mendelian and complex disorders. <i>BMC Medical Genomics</i> , 2018, 11, 53.	0.7	13
1500	Precision Medicine Approaches and the Health of Populations: Study Design Concerns and Considerations. <i>Perspectives in Biology and Medicine</i> , 2018, 61, 527-536.	0.3	6
1501	Community Partnership in Precision Medicine: Themes from a Community Engagement Conference. <i>Ethnicity and Disease</i> , 2018, 28, 503-510.	1.0	6
1502	Usefulness of the Adipokines as Biomarkers of Ischemic Cardiac Dysfunction. <i>Disease Markers</i> , 2018, 2018, 1-8.	0.6	10
1503	Triple therapy trials in COPD: a precision medicine opportunity. <i>European Respiratory Journal</i> , 2018, 52, 1801848.	3.1	45
1504	Integrative Analysis of Patient Health Records and Neuroimages via Memory-Based Graph Convolutional Network. , 2018, , .		8
1505	Personal Genome Project UK (PGP-UK): a research and citizen science hybrid project in support of personalized medicine. <i>BMC Medical Genomics</i> , 2018, 11, 108.	0.7	34
1506	Deficits in Inhibitory Control May Place Service Members at Risk for Posttraumatic Stress Disorder and Negative Parenting Behavior Following Deployment-Related Trauma. <i>Journal of Traumatic Stress</i> , 2018, 31, 866-875.	1.0	9
1507	Current Status and Future Opportunities in Lung Precision Medicine Research with a Focus on Biomarkers. An American Thoracic Society/National Heart, Lung, and Blood Institute Research Statement. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, e116-e136.	2.5	49
1508	Precision pharmacotherapy: psychiatry’s future direction in preventing, diagnosing, and treating mental disorders. <i>Pharmacogenomics and Personalized Medicine</i> , 2018, Volume 11, 211-222.	0.4	31

#	ARTICLE	IF	CITATIONS
1509	Developing a Process for Returning Medically Actionable Genomic Variants to Latino Patients in a Federally Qualified Health Center. <i>Public Health Genomics</i> , 2018, 21, 77-84.	0.6	19
1510	Assessing and Treating Offenders with Mental Illness. , 2018, , 9-37.		7
1511	Auxiliary variableâ€“enriched biomarkerâ€“stratified design. <i>Statistics in Medicine</i> , 2018, 37, 4610-4635.	0.8	3
1512	Thought leader perspectives on benefits and harms in precision medicine research. <i>PLoS ONE</i> , 2018, 13, e0207842.	1.1	14
1513	Advancing the Science of Healthcare Service Delivery. , 2018, 13, 339-345.		3
1514	Blood-based biomarkers for Alzheimer disease: mapping the road to the clinic. <i>Nature Reviews Neurology</i> , 2018, 14, 639-652.	4.9	434
1515	The 10,000 Immunomes Project: Building a Resource for Human Immunology. <i>Cell Reports</i> , 2018, 25, 513-522.e3.	2.9	40
1516	Epidemiology of Moderate Alcohol Consumption and Breast Cancer: Association or Causation?. <i>Cancers</i> , 2018, 10, 349.	1.7	13
1517	Phrase mining of textual data to analyze extracellular matrix protein patterns across cardiovascular disease. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H910-H924.	1.5	17
1518	Deep Learning in Drug Discovery and Medicine; Scratching the Surface. <i>Molecules</i> , 2018, 23, 2384.	1.7	69
1521	Selective TRK Inhibitor CH7057288 against TRK Fusion-Driven Cancer. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 2519-2529.	1.9	16
1522	Relationships in Ongoing Structural Maintenances of the Two Cerebral Cortices of an Individual Brain. <i>Journal of Experimental Neuroscience</i> , 2018, 12, 117906951879587.	2.3	2
1524	Machine Learning and Primary Total Knee Arthroplasty: Patient Forecasting for a Patient-Specific Payment Model. <i>Journal of Arthroplasty</i> , 2018, 33, 3617-3623.	1.5	115
1525	Laying Anchor: Inserting Precision Health into a Public Health Genetics Policy Course. <i>Healthcare (Switzerland)</i> , 2018, 6, 93.	1.0	29
1526	Key Aspects of Modern, Quantitative Drug Development. <i>Statistics in Biosciences</i> , 2018, 10, 283-296.	0.6	3
1527	Next-Generation Sequencing to Diagnose Suspected Genetic Disorders. <i>New England Journal of Medicine</i> , 2018, 379, 1353-1362.	13.9	181
1528	Health intelligence: how artificial intelligence transforms population and personalized health. <i>Npj Digital Medicine</i> , 2018, 1, 53.	5.7	115
1529	Progress in Experimental and Clinical Research of the Diabetic Retinopathy Treatment Using Traditional Chinese Medicine. <i>The American Journal of Chinese Medicine</i> , 2018, 46, 1421-1447.	1.5	12

#	ARTICLE	IF	CITATIONS
1530	Diabetic retinopathy: how far are we from personalized medicine?. <i>Future Medicinal Chemistry</i> , 2018, 10, 2249-2252.	1.1	1
1531	Integrated Bio/Nano/CMOS interfaces for electrochemical molecular sensing. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2018, 13, 1534-1539.	0.8	2
1532	Application of Metabolomics in Cancer Research: As a Powerful Tool to Screen Biomarker for Diagnosis, Monitoring and Prognosis of Cancer. <i>Biomarkers Journal</i> , 2018, 01, .	0.2	15
1533	Can an Integrated Science Approach to Precision Medicine Research Improve Lithium Treatment in Bipolar Disorders?. <i>Frontiers in Psychiatry</i> , 2018, 9, 360.	1.3	23
1534	Probability discounting of treatment decisions in multiple sclerosis: associations with disease knowledge, neuropsychiatric status, and adherence. <i>Psychopharmacology</i> , 2018, 235, 3303-3313.	1.5	17
1535	Functional equivalence of genome sequencing analysis pipelines enables harmonized variant calling across human genetics projects. <i>Nature Communications</i> , 2018, 9, 4038.	5.8	166
1536	The Patient in Precision Medicine: A Systematic Review Examining Evaluations of Patient-Facing Materials. <i>Journal of Healthcare Engineering</i> , 2018, 2018, 1-10.	1.1	22
1537	Enhancing diversity to reduce health information disparities and build an evidence base for genomic medicine. <i>Personalized Medicine</i> , 2018, 15, 403-412.	0.8	39
1538	An infrastructure for precision medicine through analysis of big data. <i>BMC Bioinformatics</i> , 2018, 19, 351.	1.2	23
1539	DigitalMe: a journey towards personalized health and thriving. <i>BioMedical Engineering OnLine</i> , 2018, 17, 119.	1.3	15
1540	Controversies among Cancer Registry Participants, Genomic Researchers, and Institutional Review Boards about Returning Participants'™ Genomic Results. <i>Public Health Genomics</i> , 2018, 21, 18-26.	0.6	9
1541	ClinGen advancing genomic data sharing standards as a GA4GH driver project. <i>Human Mutation</i> , 2018, 39, 1686-1689.	1.1	15
1542	Capitation care fee banding: aspects of reliability and validity of an online tool. <i>British Dental Journal</i> , 2018, 225, 751-755.	0.3	0
1543	Personalised medicine and population health: breast and ovarian cancer. <i>Human Genetics</i> , 2018, 137, 769-778.	1.8	36
1544	Subject-Specific Convolutional Neural Networks for Accelerated Magnetic Resonance Imaging. , 2018, .		1
1545	Harnessing the Digital Exhaust: Incorporating Wellness into the Pharma Model. <i>Digital Biomarkers</i> , 2018, 2, 31-46.	2.2	4
1546	Determining day-to-day human variation in indirect calorimetry using Bayesian decision theory. <i>Experimental Physiology</i> , 2018, 103, 1579-1585.	0.9	3
1547	Value-based genomics. <i>Oncotarget</i> , 2018, 9, 15792-15815.	0.8	46

#	ARTICLE	IF	CITATIONS
1548	Special Issue Introduction: The Wonders and Mysteries Next Generation Sequencing Technologies Help Reveal. <i>Genes</i> , 2018, 9, 505.	1.0	0
1549	Ethnobotany: A Bridge Between Traditional Knowledge and Biotechnological Studies on Medicinal and Aromatic Plants. , 2018, , 383-394.		0
1550	TAP: a targeted clinical genomics pipeline for detecting transcript variants using RNA-seq data. <i>BMC Medical Genomics</i> , 2018, 11, 79.	0.7	11
1551	“Precision” Public Health “ Between Novelty and Hype. <i>New England Journal of Medicine</i> , 2018, 379, 1398-1400.	13.9	96
1552	Genetic susceptibility to cerebrovascular disease: A systematic review. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1853-1871.	2.4	14
1553	Substance use consequences, mental health problems, and readiness to change among Veterans seeking substance use treatment. <i>Journal of Substance Abuse Treatment</i> , 2018, 94, 113-121.	1.5	12
1554	3-Chloro-N ² -(2-hydroxybenzylidene) benzohydrazide: An LSD1-Selective Inhibitor and Iron-Chelating Agent for Anticancer Therapy. <i>Frontiers in Pharmacology</i> , 2018, 9, 1006.	1.6	14
1555	Genomic Landscape and Mutational Signatures of Deafness-Associated Genes. <i>American Journal of Human Genetics</i> , 2018, 103, 484-497.	2.6	214
1556	Gene editing reveals the effect of thousands of variants in a key cancer gene. <i>Nature</i> , 2018, 562, 201-202.	13.7	3
1557	Cluster-Guided Multiscale Lung Modeling via Machine Learning. , 2018, , 1-20.		2
1559	Clinical and genetic associations with prostacyclin response in pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2018, 8, 1-9.	0.8	5
1560	From lipid locus to drug target through human genomics. <i>Cardiovascular Research</i> , 2018, 114, 1258-1270.	1.8	17
1561	Precision Medicine and Radiogenomics in Breast Cancer: New Approaches toward Diagnosis and Treatment. <i>Radiology</i> , 2018, 287, 732-747.	3.6	203
1562	The personal and clinical utility of polygenic risk scores. <i>Nature Reviews Genetics</i> , 2018, 19, 581-590.	7.7	1,102
1563	Biobanking in a Challenging African Environment: Unique Experience from the SIREN Project. <i>Biopreservation and Biobanking</i> , 2018, 16, 217-232.	0.5	17
1564	Cognitive-Behavioral Analysis System of Psychotherapy, Drug, or Their Combination for Persistent Depressive Disorder: Personalizing the Treatment Choice Using Individual Participant Data Network Metaregression. <i>Psychotherapy and Psychosomatics</i> , 2018, 87, 140-153.	4.0	68
1565	Sustaining Health-Protective Behaviors Such as Physical Activity and Healthy Eating. <i>JAMA - Journal of the American Medical Association</i> , 2018, 320, 639.	3.8	96
1566	ADReCS-Target: target profiles for aiding drug safety research and application. <i>Nucleic Acids Research</i> , 2018, 46, D911-D917.	6.5	23

#	ARTICLE	IF	CITATIONS
1567	The Influence of Daily Stress on Sedentary Behavior: Group and Person (N of 1) Level Results of a 1-Year Observational Study. <i>Psychosomatic Medicine</i> , 2018, 80, 620-627.	1.3	15
1568	Point of care diaphragm ultrasound in infants with bronchiolitis. <i>Pediatric Pulmonology</i> , 2018, 53, 1597-1597.	1.0	4
1569	Results of a Pulmonologist Survey Regarding Knowledge and Practices With Inhalation Devices for COPD. <i>Respiratory Care</i> , 2018, 63, 840-848.	0.8	13
1570	Predictors of positive drinking outcomes among youth receiving an alcohol brief intervention in the emergency department. <i>Drug and Alcohol Dependence</i> , 2018, 188, 102-108.	1.6	11
1571	Sex Differences in the Adult Human Brain: Evidence from 5216 UK Biobank Participants. <i>Cerebral Cortex</i> , 2018, 28, 2959-2975.	1.6	594
1572	Individualizing Care. <i>Clinics in Liver Disease</i> , 2018, 22, 545-561.	1.0	3
1573	Modeling spatial distribution of population for environmental epidemiological studies: Comparing the exposure estimates using choropleth versus dasymetric mapping. <i>Environment International</i> , 2018, 119, 152-164.	4.8	6
1574	Imaging and the completion of the omics paradigm in breast cancer. <i>Der Radiologe</i> , 2018, 58, 7-13.	1.7	14
1575	A review on radiomics and the future of theranostics for patient selection in precision medicine. <i>British Journal of Radiology</i> , 2018, 91, 20170926.	1.0	63
1576	Large Clinical Trials and Registriesâ€™ Clinical Research Institutes. , 2018, , 411-444.		0
1577	Analysis of sensitive information leakage in functional genomics signal profiles through genomic deletions. <i>Nature Communications</i> , 2018, 9, 2453.	5.8	30
1578	Disease Sequences High-Accuracy Alignment Based on the Precision Medicine. <i>BioMed Research International</i> , 2018, 2018, 1-9.	0.9	2
1579	Precision Medicine for Breast Cancer: The Paths to Truly Individualized Diagnosis and Treatment. <i>International Journal of Breast Cancer</i> , 2018, 2018, 1-8.	0.6	27
1580	Correlation between Therapeutic Efficacy of CD34+ Cell Treatment and Directed In Vivo Angiogenesis in Patients with End-Stage Diffuse Coronary Artery Disease. <i>Stem Cells International</i> , 2018, 2018, 1-8.	1.2	1
1581	Democratizing Health Research Through Data Cooperatives. <i>Philosophy and Technology</i> , 2018, 31, 473-479.	2.6	28
1582	Precision medicine and drug targeting. , 2018, , 155-166.		1
1583	Pharmacogenomics and Applications to Asthma Management. , 2018, , 97-112.		1
1584	Precision Medicine and Areas for Further Research. , 2018, , 103-106.		0

#	ARTICLE	IF	CITATIONS
1585	Genomics-informed weight management in primary care: anticipated public interest. <i>Personalized Medicine</i> , 2018, 15, 271-278.	0.8	1
1586	Salient experiences are represented by unique transcriptional signatures in the mouse brain. <i>ELife</i> , 2018, 7, .	2.8	31
1587	Overdiagnosis and overtreatment in rheumatology: a little caution is in order. <i>Annals of the Rheumatic Diseases</i> , 2018, 77, 1394-1396.	0.5	62
1588	Weight and Shape Concern Impacts Weight Gain Prevention in the SNAP Trial: Implications for Tailoring Intervention Delivery. <i>Obesity</i> , 2018, 26, 1270-1276.	1.5	4
1589	Personalized Herbal Medicine? A Roadmap for Convergence of Herbal and Precision Medicine Biomarker Innovations. <i>OMICS A Journal of Integrative Biology</i> , 2018, 22, 375-391.	1.0	17
1590	Precision Medicine In Action: The Impact Of Ivacaftor On Cystic Fibrosis-Related Hospitalizations. <i>Health Affairs</i> , 2018, 37, 773-779.	2.5	27
1591	Rethinking Causation in Cancer with Evolutionary Developmental Biology. <i>Biological Theory</i> , 2018, 13, 228-242.	0.8	3
1592	Automatic extraction of gene-disease associations from literature using joint ensemble learning. <i>PLoS ONE</i> , 2018, 13, e0200699.	1.1	50
1593	Patient-Centered Precision Health In A Learning Health Care System: Geisinger's Genomic Medicine Experience. <i>Health Affairs</i> , 2018, 37, 757-764.	2.5	81
1594	Data Sharing For Precision Medicine: Policy Lessons And Future Directions. <i>Health Affairs</i> , 2018, 37, 702-709.	2.5	66
1595	Using Behavioral Analytics to Increase Exercise: A Randomized N-of-1 Study. <i>American Journal of Preventive Medicine</i> , 2018, 54, 559-567.	1.6	64
1596	New approaches in psychiatric drug development. <i>European Neuropsychopharmacology</i> , 2018, 28, 983-993.	0.3	15
1597	Precision Medicine in Targeted Therapies for Severe Asthma: Is There Any Place for "Omics" Technology?. <i>BioMed Research International</i> , 2018, 2018, 1-15.	0.9	21
1598	Considerations in initiating genomic screening programs in health care systems. <i>Nursing Outlook</i> , 2018, 66, 570-575.	1.5	5
1599	Reply to "Precision medicine in the clouds". <i>Nature Biotechnology</i> , 2018, 36, 680-682.	9.4	2
1600	Introduction: Promises and Perils of eHealth. <i>Studies in Media and Communications</i> , 2018, , 1-10.	0.1	0
1601	New intraoperative imaging technologies: Innovating the surgeon's eye toward surgical precision. <i>Journal of Surgical Oncology</i> , 2018, 118, 265-282.	0.8	46
1602	Implementation of a patient-facing genomic test report in the electronic health record using a web-application interface. <i>BMC Medical Informatics and Decision Making</i> , 2018, 18, 32.	1.5	20

#	ARTICLE	IF	CITATIONS
1603	Precision Medicines Have Faster Approvals Based On Fewer And Smaller Trials Than Other Medicines. Health Affairs, 2018, 37, 724-731.	2.5	27
1604	Characteristics Of Likely Precision Medicine Initiative Participants Drawn From A Large Blood Donor Population. Health Affairs, 2018, 37, 786-792.	2.5	6
1605	A DRD2/ANKK1- <i>COMT</i> Interaction, Consisting of Functional Variants, Confers Risk of Post-traumatic Stress Disorder in Traumatized Chinese. Frontiers in Psychiatry, 2018, 9, 170.	1.3	20
1606	The CARPEDIEM Algorithm: A Rule-Based System for Identifying Heart Failure Phenotype with a Precision Public Health Approach. Frontiers in Public Health, 2018, 6, 6.	1.3	11
1607	Editorial: Precision Public Health. Frontiers in Public Health, 2018, 6, 121.	1.3	50
1608	Clopidogrel Pharmacokinetics in Malaysian Population Groups: The Impact of Inter-Ethnic Variability. Pharmaceuticals, 2018, 11, 74.	1.7	4
1609	Measuring Sweet and Bitter Taste in Children: Individual Variation due to Age and Taste Genetics. , 2018, , 1-34.		3
1610	Artificial intelligence, physiological genomics, and precision medicine. Physiological Genomics, 2018, 50, 237-243.	1.0	86
1611	The new era of precision population health: insights for the All of Us Research Program and beyond. Journal of Translational Medicine, 2018, 16, 211.	1.8	46
1612	Early Outcome Data Assessing Utility of a Post-Test Genomic Counseling Framework for the Scalable Delivery of Precision Health. Journal of Personalized Medicine, 2018, 8, 25.	1.1	7
1613	Experimental Designs for Research on Adaptive Interventions: Singly and Sequentially Randomized Trials. Statistics for Social and Behavioral Sciences, 2018, , 89-120.	0.3	19
1614	Prediction of chemotherapy response in ovarian cancer patients using a new clustered quantitative image marker. Physics in Medicine and Biology, 2018, 63, 155020.	1.6	35
1615	The new landscape of medication adherence improvement: where population health science meets precision medicine. Patient Preference and Adherence, 2018, Volume 12, 1225-1230.	0.8	45
1616	Multi-omic Directed Networks Describe Features of Gene Regulation in Aged Brains and Expand the Set of Genes Driving Cognitive Decline. Frontiers in Genetics, 2018, 9, 294.	1.1	30
1617	From the Past to the Present: Insurer Coverage Frameworks for Next-Generation Tumor Sequencing. Value in Health, 2018, 21, 1062-1068.	0.1	19
1618	Precision Medicine in the Transition to Dialysis and Personalized Renal Replacement Therapy. Seminars in Nephrology, 2018, 38, 325-335.	0.6	18
1619	Implantable biosensors and their contribution to the future of precision medicine. Veterinary Journal, 2018, 239, 21-29.	0.6	101
1620	BlocHIE: A BLOCKchain-Based Platform for Healthcare Information Exchange. , 2018, , .		214

#	ARTICLE	IF	CITATIONS
1621	Astronaut Cardiovascular Health and Risk Modification (Astro-CHARM) Coronary Calcium Atherosclerotic Cardiovascular Disease Risk Calculator. <i>Circulation</i> , 2018, 138, 1819-1827.	1.6	54
1622	Big Data: Challenge and Opportunity for Translational and Industrial Research in Healthcare. <i>Frontiers in Digital Humanities</i> , 2018, 5, .	1.2	9
1623	From Diabetes Care to Diabetes Cure—The Integration of Systems Biology, eHealth, and Behavioral Change. <i>Frontiers in Endocrinology</i> , 2017, 8, 381.	1.5	55
1624	The Interleukin-23/Interleukin-17 Axis Links Adaptive and Innate Immunity in Psoriasis. <i>Frontiers in Immunology</i> , 2018, 9, 1323.	2.2	171
1625	Nonallergic Asthma and Its Severity: Biomarkers for Its Discrimination in Peripheral Samples. <i>Frontiers in Immunology</i> , 2018, 9, 1416.	2.2	26
1626	Editorial: Biomarkers of Radio-Sensitivity and Radio-Resistance. <i>Frontiers in Oncology</i> , 2018, 8, 76.	1.3	0
1627	Towards a Clinical Decision Support System for External Beam Radiation Oncology Prostate Cancer Patients: Proton vs. Photon Radiotherapy? A Radiobiological Study of Robustness and Stability. <i>Cancers</i> , 2018, 10, 55.	1.7	5
1628	Biomarker discovery by integrated joint non-negative matrix factorization and pathway signature analyses. <i>Scientific Reports</i> , 2018, 8, 9743.	1.6	25
1629	Performance comparison of three DNA extraction kits on human whole-exome data from formalin-fixed paraffin-embedded normal and tumor samples. <i>PLoS ONE</i> , 2018, 13, e0195471.	1.1	39
1630	Biobanks in personalized medicine. <i>Expert Review of Precision Medicine and Drug Development</i> , 2018, 3, 265-273.	0.4	6
1631	Precision Medicine: Update on Diagnosis and Therapeutic Strategies of Hepatocellular Carcinoma. <i>Current Medicinal Chemistry</i> , 2018, 25, 1999-2008.	1.2	19
1632	3D printed medicines: A new branch of digital healthcare. <i>International Journal of Pharmaceutics</i> , 2018, 548, 586-596.	2.6	184
1633	Been there, done that, so what's next for arm and hand rehabilitation in stroke?. <i>NeuroRehabilitation</i> , 2018, 43, 3-18.	0.5	40
1634	P450 Pharmacogenetics in Indigenous North American Populations. <i>Journal of Personalized Medicine</i> , 2018, 8, 9.	1.1	22
1635	Willingness to Participate in a National Precision Medicine Cohort: Attitudes of Chronic Kidney Disease Patients at a Cleveland Public Hospital. <i>Journal of Personalized Medicine</i> , 2018, 8, 21.	1.1	13
1636	Hyperpolarized Amino Acid Derivatives as Multivalent Magnetic Resonance pH Sensor Molecules. <i>Sensors</i> , 2018, 18, 600.	2.1	28
1637	Microfluidics Fabrication of Soft Microtissues and Bottom-Up Assembly. <i>Advanced Biology</i> , 2018, 2, 1800119.	3.0	10
1638	Are we ready for precision health?. <i>Nursing Management</i> , 2018, 49, 9-11.	0.2	2

#	ARTICLE	IF	CITATIONS
1639	CRISPR-Cas13 Precision Transcriptome Engineering in Cancer. <i>Cancer Research</i> , 2018, 78, 4107-4113.	0.4	66
1640	Sea turtle fibropapilloma tumors share genomic drivers and therapeutic vulnerabilities with human cancers. <i>Communications Biology</i> , 2018, 1, 63.	2.0	31
1641	Shared endo-phenotypes of default mode dysfunction in attention deficit/hyperactivity disorder and autism spectrum disorder. <i>Translational Psychiatry</i> , 2018, 8, 133.	2.4	59
1642	The National Cancer Institute Cohort Consortium: An International Pooling Collaboration of 58 Cohorts from 20 Countries. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018, 27, 1307-1319.	1.1	18
1643	Education, Smoking, and Cohort Change: Forwarding a Multidimensional Theory of the Environmental Moderation of Genetic Effects. <i>American Sociological Review</i> , 2018, 83, 802-832.	2.8	50
1644	Dental Mesenchymal Stem Cell-Based Translational Regenerative Dentistry: From Artificial to Biological Replacement. <i>Frontiers in Bioengineering and Biotechnology</i> , 2018, 6, 49.	2.0	23
1645	Dendrimer-Based Nanoplatfoms for SPECT Imaging Applications. , 2018, , 509-535.		2
1646	Systems Biology, Systems Medicine, Systems Pharmacology: The What and The Why. <i>Acta Biotheoretica</i> , 2018, 66, 345-365.	0.7	35
1647	Applications of RNA Indexes for Precision Oncology in Breast Cancer. <i>Genomics, Proteomics and Bioinformatics</i> , 2018, 16, 108-119.	3.0	16
1648	Defining Phenotypes from Clinical Data to Drive Genomic Research. <i>Annual Review of Biomedical Data Science</i> , 2018, 1, 69-92.	2.8	38
1649	Kinase-targeted cancer therapies: progress, challenges and future directions. <i>Molecular Cancer</i> , 2018, 17, 48.	7.9	796
1650	Clinical phenomapping and outcomes after heart transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 956-966.	0.3	10
1652	Introduction. What works? And for whom?. <i>Social Science and Medicine</i> , 2018, 210, 22-25.	1.8	6
1653	Molecular Pathology and Pre-Analytic Variables: Impact on Clinical Practice From a Breast Pathology Perspective. <i>Current Pathobiology Reports</i> , 2018, 6, 125-134.	1.6	5
1654	A Secure Alignment Algorithm for Mapping Short Reads to Human Genome. <i>Journal of Computational Biology</i> , 2018, 25, 529-540.	0.8	4
1656	Asphyxia Diagnosis: An Example of Translational Precision Medicine. , 2018, , 315-332.		0
1657	Cell-derived Exosomes as Promising Carriers for Drug Delivery and Targeted Therapy. <i>Current Cancer Drug Targets</i> , 2018, 18, 347-354.	0.8	41
1658	Towards precision medicine in ischemic stroke and transient ischemic attack. <i>Frontiers in Bioscience - Landmark</i> , 2018, 23, 1338-1359.	3.0	3

#	ARTICLE	IF	CITATIONS
1659	What People Want to Know About Their Genes: A Critical Review of the Literature on Large-Scale Genome Sequencing Studies. <i>Healthcare (Switzerland)</i> , 2018, 6, 96.	1.0	17
1660	Advances on PPAR β Research in the Emerging Era of Precision Medicine. <i>Current Drug Targets</i> , 2018, 19, 663-673.	1.0	8
1661	Targeted lung cancer screening selects individuals at high risk of cardiovascular disease. <i>Lung Cancer</i> , 2018, 124, 148-153.	0.9	27
1662	More than Moore's Mores: Computers, Genomics, and the Embrace of Innovation. <i>Journal of the History of Biology</i> , 2018, 51, 807-840.	0.2	13
1663	Detection of minimum biomarker features via bi-level optimization framework by nested hybrid differential evolution. , 2018, , .		0
1664	Nutrition Research Advances and Practice Innovations: The Future Is Very Bright. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2018, 118, 1587-1590.	0.4	0
1665	Precision Medicine for Ischemic Cerebrovascular Diseases. <i>Japanese Journal of Neurosurgery</i> , 2018, 27, 528-538.	0.0	0
1666	Developing a Case-Based Blended Learning Ecosystem to Optimize Precision Medicine: Reducing Overdiagnosis and Overtreatment. <i>Healthcare (Switzerland)</i> , 2018, 6, 78.	1.0	3
1667	Hedgehog Signaling Pathway and Autophagy in Cancer. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2279.	1.8	81
1668	Precise and label-free tumour cell recognition based on a black phosphorus nanoquenching platform. <i>Journal of Materials Chemistry B</i> , 2018, 6, 5613-5620.	2.9	7
1669	Health and Prevention Enhancement (H-PEACE): a retrospective, population-based cohort study conducted at the Seoul National University Hospital Gangnam Center, Korea. <i>BMJ Open</i> , 2018, 8, e019327.	0.8	40
1670	Cardiac Phase Space Tomography: A novel method of assessing coronary artery disease utilizing machine learning. <i>PLoS ONE</i> , 2018, 13, e0198603.	1.1	21
1671	Circulating MIR148A associates with sensitivity to adiponectin levels in human metabolic surgery for weight loss. <i>Endocrine Connections</i> , 2018, 7, 975-982.	0.8	0
1672	Charting the Past, Present, and Future in Mobile Sensing Research and Development. , 2018, , 3-21.		1
1673	United States: law and policy concerning transfer of genomic data to third countries. <i>Human Genetics</i> , 2018, 137, 647-655.	1.8	3
1674	Evidence-based medicine and precision medicine: Complementary approaches to clinical decision-making. <i>Precision Clinical Medicine</i> , 2018, 1, 60-64.	1.3	26
1675	Patient similarity for precision medicine: A systematic review. <i>Journal of Biomedical Informatics</i> , 2018, 83, 87-96.	2.5	97
1676	COPD patient education and support "Achieving patient-centredness. <i>Patient Education and Counseling</i> , 2018, 101, 2031-2036.	1.0	13

#	ARTICLE	IF	CITATIONS
1677	Comparing methods for estimation of heterogeneous treatment effects using observational data from health care databases. <i>Statistics in Medicine</i> , 2018, 37, 3309-3324.	0.8	58
1678	Genetic risk prediction using a spatial autoregressive model with adaptive lasso. <i>Statistics in Medicine</i> , 2018, 37, 3764-3775.	0.8	4
1679	Emerging Trends in Clinical Research With Implications for Population Health and Health Policy. <i>Milbank Quarterly</i> , 2018, 96, 369-401.	2.1	5
1680	Genomic insights into the causes of type 2 diabetes. <i>Lancet, The</i> , 2018, 391, 2463-2474.	6.3	110
1681	Common Disease Is More Complex Than Implied by the Core Gene Omnigenic Model. <i>Cell</i> , 2018, 173, 1573-1580.	13.5	232
1682	A novel statistical method for assessing effective adherence to medication and calculating optimal drug dosages. <i>PLoS ONE</i> , 2018, 13, e0195663.	1.1	13
1683	Prioritizing diversity in human genomics research. <i>Nature Reviews Genetics</i> , 2018, 19, 175-185.	7.7	297
1684	Omics research ethics considerations. <i>Nursing Outlook</i> , 2018, 66, 386-393.	1.5	15
1685	The Use of Precision Medicine to Manage Obstructive Sleep Apnea Treatment in Patients with Resistant Hypertension: Current Evidence and Future Directions. <i>Current Hypertension Reports</i> , 2018, 20, 60.	1.5	6
1686	Patient similarity by joint matrix trifactorization to identify subgroups in acute myeloid leukemia. <i>JAMIA Open</i> , 2018, 1, 75-86.	1.0	15
1687	The Human Genome and Neonatal Care. , 2018, , 180-189.e2.		0
1688	The Canadian Partnership for Tomorrow Project: a pan-Canadian platform for research on chronic disease prevention. <i>Cmaj</i> , 2018, 190, E710-E717.	0.9	71
1689	Return of Research Results to Study Participants. <i>JAMA - Journal of the American Medical Association</i> , 2018, 320, 435.	3.8	49
1690	Molecular Characterization and Putative Pathogenic Pathways of Tuberous Sclerosis Complex-associated Renal Cell Carcinoma. <i>Translational Oncology</i> , 2018, 11, 962-970.	1.7	8
1691	Digital orphans: Data closure and openness in patient-powered networks. <i>BioSocieties</i> , 2019, 14, 205-227.	0.8	13
1692	A greedy feature selection algorithm for Big Data of high dimensionality. <i>Machine Learning</i> , 2019, 108, 149-202.	3.4	46
1693	Physician Knowledge of Human Genetic Variation, Beliefs About Race and Genetics, and Use of Race in Clinical Decision-making. <i>Journal of Racial and Ethnic Health Disparities</i> , 2019, 6, 110-116.	1.8	10
1694	Essential(ist) medicine: promoting social explanations for racial variation in biomedical research. <i>Medical Humanities</i> , 2019, 45, 224-234.	0.6	7

#	ARTICLE	IF	CITATIONS
1695	Internet Versus Virtual Reality Settings for Genomics Information Provision. <i>Cyberpsychology, Behavior, and Social Networking</i> , 2019, 22, 7-14.	2.1	3
1696	Narrative comprehension by people with aphasia given single versus combined modality presentation. <i>Aphasiology</i> , 2019, 33, 731-754.	1.4	13
1697	Precision Medicine: Familiarity, Perceived Health Drivers, and Genetic Testing Considerations Across Health Literacy Levels in a Diverse Sample. <i>Journal of Genetic Counseling</i> , 2019, 28, 59-69.	0.9	26
1698	The Exposome: Molecules to Populations. <i>Annual Review of Pharmacology and Toxicology</i> , 2019, 59, 107-127.	4.2	144
1699	A Geometric Perspective on the Power of Principal Component Association Tests in Multiple Phenotype Studies. <i>Journal of the American Statistical Association</i> , 2019, 114, 975-990.	1.8	26
1700	Nutrigenomics. , 2019, , 256-266.		0
1701	Re-identification of individuals in genomic data-sharing beacons via allele inference. <i>Bioinformatics</i> , 2019, 35, 365-371.	1.8	37
1702	The state of research on the genetics of autism spectrum disorder: methodological, clinical and conceptual progress. <i>Current Opinion in Psychology</i> , 2019, 27, 1-5.	2.5	27
1703	Metabolic Profiling. , 2019, , 426-437.		0
1704	<p>Precision oncology: lessons learned and challenges for the future</p>. <i>Cancer Management and Research</i> , 2019, Volume 11, 7525-7536.	0.9	10
1705	Factors associated with willingness to provide biospecimens for genetics research among African American cancer survivors. <i>Journal of Community Genetics</i> , 2019, 10, 471-480.	0.5	3
1706	The applications of big data in molecular diagnostics. <i>Expert Review of Molecular Diagnostics</i> , 2019, 19, 905-917.	1.5	4
1707	Genetic testing, insurance discrimination and medical research: what the United States can learn from peer countries. <i>Nature Medicine</i> , 2019, 25, 1198-1204.	15.2	46
1708	Defining and Predicting Opioid and Cocaine Treatment Response. <i>Substance Use and Misuse</i> , 2019, 54, 2134-2143.	0.7	3
1709	Association of new opioid continuation with surgical specialty and type in the United States. <i>American Journal of Surgery</i> , 2019, 218, 818-827.	0.9	18
1710	Diagnosis without Borders. , 2019, , 1-11.		1
1711	Concomitant Genetic Alterations are Associated with Worse Clinical Outcome in EGFR Mutant NSCLC Patients Treated with Tyrosine Kinase Inhibitors. <i>Translational Oncology</i> , 2019, 12, 1425-1431.	1.7	21
1712	ETIOSARC study : environmental aetiology of sarcomas from a French prospective multicentric population-based caseâ€“control studyâ€“study protocol. <i>BMJ Open</i> , 2019, 9, e030013.	0.8	8

#	ARTICLE	IF	CITATIONS
1713	The "All of Us" Research Program. <i>New England Journal of Medicine</i> , 2019, 381, 668-676.	13.9	955
1714	Genotype-by-environment interactions inferred from genetic effects on phenotypic variability in the UK Biobank. <i>Science Advances</i> , 2019, 5, eaaw3538.	4.7	123
1715	Disparity of Race Reporting and Representation in Clinical Trials Leading to Cancer Drug Approvals From 2008 to 2018. <i>JAMA Oncology</i> , 2019, 5, e191870.	3.4	348
1716	AI in Health: State of the Art, Challenges, and Future Directions. <i>Yearbook of Medical Informatics</i> , 2019, 28, 016-026.	0.8	138
1717	Personalized Medicine Implementation with Non-traditional Data Sources: A Conceptual Framework and Survey of the Literature. <i>Yearbook of Medical Informatics</i> , 2019, 28, 181-189.	0.8	0
1719	Dynamic risk prediction for diabetes using biomarker change measurements. <i>BMC Medical Research Methodology</i> , 2019, 19, 175.	1.4	8
1720	Use of big data in drug development for precision medicine: an update. <i>Expert Review of Precision Medicine and Drug Development</i> , 2019, 4, 189-200.	0.4	51
1721	Metagenomic next-generation sequencing diagnosis of peripheral pulmonary infectious lesions through virtual navigation, radial EBUS, ultrathin bronchoscopy, and ROSE. <i>Journal of International Medical Research</i> , 2019, 47, 4878-4885.	0.4	21
1722	Artificial Intelligence in the Management of Glioma: Era of Personalized Medicine. <i>Frontiers in Oncology</i> , 2019, 9, 768.	1.3	72
1723	Artificial Intelligence for Drug Toxicity and Safety. <i>Trends in Pharmacological Sciences</i> , 2019, 40, 624-635.	4.0	149
1724	Assessment of spatial tumor heterogeneity using CT growth patterns estimated by tumor tracking on 3D CT volumetry of multiple pulmonary metastatic nodules. <i>PLoS ONE</i> , 2019, 14, e0220550.	1.1	3
1725	Vaccine safety: An evolving evidence-based science. <i>British Journal of Clinical Pharmacology</i> , 2019, 85, 2649-2651.	1.1	7
1726	Diversity in the Era of Precision Medicine - From Bench to Bedside Implementation. <i>Ethnicity and Disease</i> , 2019, 29, 517-524.	1.0	15
1727	Building evidence and measuring clinical outcomes for genomic medicine. <i>Lancet, The</i> , 2019, 394, 604-610.	6.3	38
1728	Single-cell profiling guided combinatorial immunotherapy for fast-evolving CDK4/6 inhibitor-resistant HER2-positive breast cancer. <i>Nature Communications</i> , 2019, 10, 3817.	5.8	61
1729	Precision medicine, Universal Health Coverage (UHC) and intestinal microflora as a new platform for health promotion. <i>Personalized Medicine Universe</i> , 2019, 8, 1-2.	0.1	1
1730	Cardiologists' Perspectives on Race-Based Drug Labels and Prescribing Within the Context of Treating Heart Failure. <i>Health Equity</i> , 2019, 3, 246-253.	0.8	10
1731	Big Data for the Sustainability of Healthcare Project Financing. <i>Sustainability</i> , 2019, 11, 3748.	1.6	53

#	ARTICLE	IF	CITATIONS
1732	Why we need a small data paradigm. BMC Medicine, 2019, 17, 133.	2.3	112
1733	The Korea Cancer Big Data Platform (K-CBP) for Cancer Research. International Journal of Environmental Research and Public Health, 2019, 16, 2290.	1.2	21
1734	Towards Systematic Methods in an Era of Big Data: Neighborhood Wide Association Studies. Energy Balance and Cancer, 2019, , 99-117.	0.2	3
1735	Semalytics: a semantic analytics platform for the exploration of distributed and heterogeneous cancer data in translational research. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	1.4	1
1736	Molecular clustering of genes related to the atopic syndrome: Towards a more tailored approach and personalized medicine?. Clinical and Translational Allergy, 2019, 9, 34.	1.4	5
1737	Longitudinal increases in structural connectome segregation and functional connectome integration are associated with better recovery after mild TBI. Human Brain Mapping, 2019, 40, 4441-4456.	1.9	39
1738	The Promise of Precision Population Health. Advances in Pediatrics, 2019, 66, 1-13.	0.5	6
1739	Predicting drug activity against cancer cells by random forest models based on minimal genomic information and chemical properties. PLoS ONE, 2019, 14, e0219774.	1.1	75
1740	Single-Cell Editing: The CRISPR/Cas9 and Applications. , 2019, , 397-415.		1
1741	Bayesian approach to incorporating different types of biomedical knowledge bases into information retrieval systems for clinical decision support in precision medicine. Journal of Biomedical Informatics, 2019, 98, 103238.	2.5	13
1742	Precision neuroradiology: mapping the nodes and networks that link genes to behaviour. British Journal of Radiology, 2019, 92, 20190093.	1.0	3
1743	Technical, Biological, and Systems Barriers for Molecular Clinical Decision Support. Clinics in Laboratory Medicine, 2019, 39, 281-294.	0.7	3
1744	Cost-effectiveness of novel imaging tests to select patients for carotid endarterectomy. Health Policy and Technology, 2019, 8, 111-117.	1.3	1
1745	Building a Hybrid Physical-Statistical Classifier for Predicting the Effect of Variants Related to Protein-Drug Interactions. Structure, 2019, 27, 1469-1481.e3.	1.6	6
1746	Inherited Retinal Disorders: Using Evidence as a Driver for Implementation. Ophthalmologica, 2019, 242, 187-194.	1.0	12
1747	Genetic data partnerships: academic publications with privately owned or generated genetic data. Genetics in Medicine, 2019, 21, 2827-2829.	1.1	5
1748	Has Personalized Medicine for Pancreatic Cancer Arrived?. Advances in Surgery, 2019, 53, 103-115.	0.6	6
1749	Artificial intelligence for precision education in radiology. British Journal of Radiology, 2019, 92, 20190389.	1.0	79

#	ARTICLE	IF	CITATIONS
1750	UK phenomics platform for developing and validating electronic health record phenotypes: CALIBER. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 1545-1559.	2.2	143
1751	Predicting ideal outcome after pediatric liver transplantation: An exploratory study using machine learning analyses to leverage Studies of Pediatric Liver Transplantation Data. Pediatric Transplantation, 2019, 23, e13554.	0.5	32
1752	The Era of the Genome and Dental Medicine. Journal of Dental Research, 2019, 98, 949-955.	2.5	19
1753	N-of-1 Clinical Trials in Nutritional Interventions Directed at Improving Cognitive Function. Frontiers in Nutrition, 2019, 6, 110.	1.6	16
1754	Assessment of Deep Natural Language Processing in Ascertaining Oncologic Outcomes From Radiology Reports. JAMA Oncology, 2019, 5, 1421.	3.4	99
1755	Replication and generalization in applied neuroimaging. Neurolmage, 2019, 202, 116048.	2.1	23
1756	Molecular annotation of food " Towards personalized diet and precision health. Trends in Food Science and Technology, 2019, 91, 675-680.	7.8	17
1757	Exome sequencing of Finnish isolates enhances rare-variant association power. Nature, 2019, 572, 323-328.	13.7	161
1758	Precision Medicines™ Impact on Orphan Drug Designation. Clinical and Translational Science, 2019, 12, 633-640.	1.5	8
1759	Open Humans: A platform for participant-centered research and personal data exploration. GigaScience, 2019, 8, .	3.3	41
1760	Multivariate Higher-Order IRT Model and MCMC Algorithm for Linking Individual Participant Data From Multiple Studies. Frontiers in Psychology, 2019, 10, 1328.	1.1	6
1761	Regulatory Perspectives on the Use of Biomarkers and Personalized Medicine in CNS Drug Development: The FDA Viewpoint. Handbook of Behavioral Neuroscience, 2019, , 247-258.	0.7	3
1762	Regulatory Science Objectives and Biomarker Qualification Through Public-Private Partnerships Are Critical to Delivering Innovative Treatments for CNS Diseases. Handbook of Behavioral Neuroscience, 2019, 29, 277-296.	0.7	0
1763	ARAF recurrent mutation causes central conducting lymphatic anomaly treatable with a MEK inhibitor. Nature Medicine, 2019, 25, 1116-1122.	15.2	136
1764	Predicting Inpatient Payments Prior to Lower Extremity Arthroplasty Using Deep Learning: Which Model Architecture Is Best?. Journal of Arthroplasty, 2019, 34, 2235-2241.e1.	1.5	30
1765	Anticancer Drug Response Prediction in Cell Lines Using Weighted Graph Regularized Matrix Factorization. Molecular Therapy - Nucleic Acids, 2019, 17, 164-174.	2.3	62
1766	A novel " + ESIPT" near-infrared nanoprobe for the imaging of β -glutamyl transpeptidase in living cells and the application in precision medicine. Analyst, The, 2019, 144, 5136-5142.	1.7	31
1767	Enhanced Molecular Appreciation of Psychiatric Disorders Through High-Dimensionality Data Acquisition and Analytics. Methods in Molecular Biology, 2019, 2011, 671-723.	0.4	13

#	ARTICLE	IF	CITATIONS
1768	Exploring the dark genome: implications for precision medicine. <i>Mammalian Genome</i> , 2019, 30, 192-200.	1.0	40
1769	Clinical Applications and Utility of a Precision Medicine Approach for Patients With Unexplained Cytopenias. <i>Mayo Clinic Proceedings</i> , 2019, 94, 1753-1768.	1.4	21
1770	Precision Measurements to Assess Baseline Status and Efficacy of Healthy Living Medicine. <i>Progress in Cardiovascular Diseases</i> , 2019, 62, 55-59.	1.6	5
1771	Race, Natriuretic Peptides, and High-Carbohydrate Challenge. <i>Circulation Research</i> , 2019, 125, 957-968.	2.0	34
1772	Searching Deep and Wide: Advances in the Molecular Understanding of Dental Caries and Periodontal Disease. <i>Advances in Dental Research</i> , 2019, 30, 40-44.	3.6	19
1773	Nonlinear gene expression-phenotype relationships contribute to variation and clefting in the A/WySn mouse. <i>Developmental Dynamics</i> , 2019, 248, 1232-1242.	0.8	18
1774	Multimodal Precision Imaging of Pulmonary Nanoparticle Delivery in Mice: Dynamics of Application, Spatial Distribution, and Dosimetry. <i>Small</i> , 2019, 15, e1904112.	5.2	21
1775	Artificial Intelligence and Pharmacogenomics. <i>Advances in Molecular Pathology</i> , 2019, 2, 111-118.	0.2	0
1776	Essentials of Bioinformatics, Volume II. , 2019, , .		1
1777	Genomics and precision medicine to direct statin use in the young. <i>Progress in Pediatric Cardiology</i> , 2019, 54, 101145.	0.2	2
1778	Detecting relapse in youth with psychotic disorders utilizing patient-generated and patient-contributed digital data from Facebook. <i>NPJ Schizophrenia</i> , 2019, 5, 17.	2.0	65
1779	Machine Learning in Biology and Medicine. <i>Advances in Molecular Pathology</i> , 2019, 2, 143-152.	0.2	13
1780	Î±-Aminoisobutyric Acid-Containing Amphipathic Helical Peptide-Cyclic RGD Conjugation as a Potential Drug Delivery System for MicroRNA Replacement Therapy in Vitro. <i>Molecular Pharmaceutics</i> , 2019, 16, 4542-4550.	2.3	11
1781	Association of the Functional Medicine Model of Care With Patient-Reported Health-Related Quality-of-Life Outcomes. <i>JAMA Network Open</i> , 2019, 2, e1914017.	2.8	21
1782	Molecular prognosis in liver cirrhosis. , 2019, , 413-427.		0
1783	Unique etiologic, demographic, and pathologic characteristics of localized aggressive periodontitis support classification as a distinct subcategory of periodontitis. <i>Journal of the American Dental Association</i> , 2019, 150, 922-931.	0.7	28
1784	Maintaining progress for the most beautiful chart in the world. <i>International Health</i> , 2019, 11, 344-348.	0.8	6
1785	Age-treatment subgroup analyses in Cochrane intervention reviews: a meta-epidemiological study. <i>BMC Medicine</i> , 2019, 17, 188.	2.3	8

#	ARTICLE	IF	CITATIONS
1786	How Do Tumor Cytogenetics Inform Cancer Treatments? Dynamic Risk Stratification and Precision Medicine Using Multi-armed Bandits. SSRN Electronic Journal, 2019, , .	0.4	4
1787	Translational Research and Onco-Omics Applications in the Era of Cancer Personal Genomics. Advances in Experimental Medicine and Biology, 2019, , .	0.8	0
1788	Utilising genetically informed research designs to better understand family processes and child development: implications for adoption and foster care focused interventions. Adoption & Fostering, 2019, 43, 351-371.	0.2	4
1789	The Present and Future of Novel Protein Degradation Technology. Current Topics in Medicinal Chemistry, 2019, 19, 1784-1788.	1.0	13
1790	A Systematic Summary of Systematic Reviews on Anticoagulant Therapy in Sepsis. Journal of Clinical Medicine, 2019, 8, 1869.	1.0	22
1791	Syntheses of o-iodobenzyl alcoholsâ€™BODIPY structures as potential precursors of bimodal tags for positron emission tomography and optical imaging. Tetrahedron, 2019, 75, 130765.	1.0	9
1792	Introduction to Basics of Pharmacology and Toxicology. , 2019, , .		18
1793	Qualifying and quantifying the precision medicine rhetoric. BMC Genomics, 2019, 20, 868.	1.2	9
1795	Genetic risk of Spontaneous intracerebral hemorrhage: Systematic review and future directions. Journal of the Neurological Sciences, 2019, 407, 116526.	0.3	6
1796	O soberana luz: a spiritual madrigal and a Mass for Philip IV, monarch of the Hispanic kingdoms. Early Music, 2019, 47, 307-332.	0.0	1
1797	Past, present, and future: a qualitative and literature study identifying historical trends, drivers, and transformational factors for the future demand of blood supply in the Netherlands. Transfusion, 2019, 59, 3413-3423.	0.8	3
1798	CD4+T cell activation and associated susceptibility to HIVâ€™1 infection in vitro increased following acute resistance exercise in human subjects. Physiological Reports, 2019, 7, e14234.	0.7	6
1799	Precision Tumor Medicine and Drug Targets. Current Topics in Medicinal Chemistry, 2019, 19, 1488-1489.	1.0	18
1800	Analysis of Issues and Future Trends Impacting Drug Safety in South Korea. International Journal of Environmental Research and Public Health, 2019, 16, 3368.	1.2	2
1802	Estimating the quality of optimal treatment regimes. Statistics in Medicine, 2019, 38, 4925-4938.	0.8	3
1803	The dark genome and pleiotropy: challenges for precision medicine. Mammalian Genome, 2019, 30, 212-216.	1.0	16
1804	Application of ACMG criteria to classify variants in the human gene mutation database. Journal of Human Genetics, 2019, 64, 1091-1095.	1.1	10
1805	Identifying nonlinear dynamical systems via generative recurrent neural networks with applications to fMRI. PLoS Computational Biology, 2019, 15, e1007263.	1.5	32

#	ARTICLE	IF	CITATIONS
1806	Assessing heterogeneous effects and their determinants via estimation of potential outcomes. <i>European Journal of Epidemiology</i> , 2019, 34, 823-835.	2.5	11
1807	Partitioning subjects based on high-dimensional fMRI data: comparison of several clustering methods and studying the influence of ICA data reduction in big data. <i>Behaviormetrika</i> , 2019, 46, 271-311.	0.9	11
1808	Lung and Abdominal Biopsies in the Age of Precision Medicine. <i>Seminars in Interventional Radiology</i> , 2019, 36, 255-263.	0.3	8
1809	Biomarker identification and trans-regulatory network analyses in esophageal adenocarcinoma and Barrett's esophagus. <i>World Journal of Gastroenterology</i> , 2019, 25, 233-244.	1.4	26
1810	Stem Cells Heterogeneity in Different Organs. <i>Advances in Experimental Medicine and Biology</i> , 2019, , .	0.8	3
1811	Towards Circulating-Tumor DNA-Based Precision Medicine. <i>Journal of Clinical Medicine</i> , 2019, 8, 1365.	1.0	8
1812	Getting to the Cores of Autism. <i>Cell</i> , 2019, 178, 1287-1298.	13.5	204
1813	A great first step, but a long way to go. <i>European Heart Journal</i> , 2019, 40, 3108-3109.	1.0	4
1814	Components of genetic associations across 2,138 phenotypes in the UK Biobank highlight adipocyte biology. <i>Nature Communications</i> , 2019, 10, 4064.	5.8	48
1815	Shedding light on complexity of protein-protein interactions in cancer. <i>Current Opinion in Chemical Biology</i> , 2019, 53, 75-81.	2.8	7
1816	Correlation between CT based radiomics features and gene expression data in non-small cell lung cancer. <i>Journal of X-Ray Science and Technology</i> , 2019, 27, 773-803.	0.7	15
1817	Biofluids in hypobaric hypoxia: best possible use, investigative strategies and putative markers. <i>Journal of Proteins and Proteomics</i> , 2019, 10, 191-206.	1.0	1
1818	Innovative approaches for cancer treatment: current perspectives and new challenges. <i>Ecancermedalscience</i> , 2019, 13, 961.	0.6	450
1819	Machine learning for comprehensive forecasting of Alzheimer's Disease progression. <i>Scientific Reports</i> , 2019, 9, 13622.	1.6	116
1820	Digitaldsorter: Deep-Learning on scRNA-Seq to Deconvolute Gene Expression Data. <i>Frontiers in Genetics</i> , 2019, 10, 978.	1.1	22
1821	dnAQET: a framework to compute a consolidated metric for benchmarking quality of de novo assemblies. <i>BMC Genomics</i> , 2019, 20, 706.	1.2	2
1822	From Return of Information to Return of Value: Ethical Considerations when Sharing Individual-Level Research Data. <i>Journal of Alzheimer's Disease</i> , 2019, 71, 1081-1088.	1.2	19
1823	Improving the reporting quality of intervention trials addressing the inter-individual variability in response to the consumption of plant bioactives: quality index and recommendations. <i>European Journal of Nutrition</i> , 2019, 58, 49-64.	1.8	9

#	ARTICLE	IF	CITATIONS
1825	In Silico Drug Prescription for Targeting Cancer Patient Heterogeneity and Prediction of Clinical Outcome. <i>Cancers</i> , 2019, 11, 1361.	1.7	6
1827	VWF, CXCL8 and IL6 might be potential druggable genes for acute coronary syndrome (ACS). <i>Computational Biology and Chemistry</i> , 2019, 83, 107125.	1.1	1
1828	An update on PET-based molecular imaging in neuro-oncology: challenges and implementation for a precision medicine approach in cancer care. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019, 9, 1597-1610.	1.1	26
1829	Lagged principal trend analysis for longitudinal high-dimensional data. <i>Stat</i> , 2019, 8, e213.	0.3	0
1830	Emerging Applications of Artificial Intelligence in Neuro-Oncology. <i>Radiology</i> , 2019, 290, 607-618.	3.6	159
1831	Overview of the BioCreative VI Precision Medicine Track: mining protein interactions and mutations for precision medicine. <i>Database: the Journal of Biological Databases and Curation</i> , 2019, 2019, .	1.4	30
1832	The medical arms race and its impact in Chinese hospitals: implications for health regulation and planning. <i>Health Policy and Planning</i> , 2019, 34, 37-46.	1.0	18
1833	Introduction to precision medicine in COPD. <i>European Respiratory Journal</i> , 2019, 53, 1802460.	3.1	37
1834	Beyond the Helix: Ethical, Legal, and Social Implications in Genomics. <i>Seminars in Oncology Nursing</i> , 2019, 35, 93-106.	0.7	5
1835	Developing Machine Learning Models for Behavioral Coding. <i>Journal of Pediatric Psychology</i> , 2019, 44, 289-299.	1.1	12
1836	Translational Bioinformatics: Informatics, Medicine, and -Omics. , 2019, , 507-514.		0
1837	Fine-Tuning ResNet for Breast Cancer Classification from Mammography. <i>Lecture Notes in Electrical Engineering</i> , 2019, , 83-96.	0.3	21
1838	Centralization of the IARC Biobank: Combining Multiple Sample Collections into a Common Platform. <i>Biopreservation and Biobanking</i> , 2019, 17, 433-443.	0.5	3
1839	Should Generalized Immunosuppression or Targeted Organ Treatment be the Best Principle for Overall Management of Systemic Lupus Erythematosus?. <i>Rheumatic Disease Clinics of North America</i> , 2019, 45, 369-377.	0.8	0
1840	Why imaging data alone is not enough: AI-based integration of imaging, omics, and clinical data. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 2722-2730.	3.3	69
1841	Catalyzing Research to Optimize Cancer Survivors'™ Participation in Work and Life Roles. <i>OTJR Occupation, Participation and Health</i> , 2019, 39, 189-196.	0.4	19
1842	A systematic analysis of genomics-based modeling approaches for prediction of drug response to cytotoxic chemotherapies. <i>BMC Medical Genomics</i> , 2019, 12, 87.	0.7	10
1843	Genetic analyses of diverse populations improves discovery for complex traits. <i>Nature</i> , 2019, 570, 514-518.	13.7	679

#	ARTICLE	IF	CITATIONS
1844	Enabling Global Clinical Collaborations on Identifiable Patient Data: The Minerva Initiative. <i>Frontiers in Genetics</i> , 2019, 10, 611.	1.1	14
1845	Emerging Concepts in Precision Medicine and Cardiovascular Diseases in Racial and Ethnic Minority Populations. <i>Circulation Research</i> , 2019, 125, 7-13.	2.0	37
1846	Enhanced Screening and Research Data Collection via Automated EHR Data Capture and Early Identification of Sepsis. <i>SAGE Open Nursing</i> , 2019, 5, 237796081985097.	0.5	3
1848	Thought Leader Perspectives on Participant Protections in Precision Medicine Research. <i>Journal of Law, Medicine and Ethics</i> , 2019, 47, 134-148.	0.4	15
1849	Real world data as a key element in precision medicine for lymphoid malignancies: potentials and pitfalls. <i>British Journal of Haematology</i> , 2019, 186, 409-419.	1.2	7
1850	Precise cell behaviors manipulation through light-responsive nano-regulators: recent advance and perspective. <i>Theranostics</i> , 2019, 9, 3308-3340.	4.6	34
1851	Towards an Effective and Efficient Management of Genome Data: An Information Systems Engineering Perspective. <i>Lecture Notes in Business Information Processing</i> , 2019, , 99-110.	0.8	6
1852	Preparing healthcare delivery organizations for managing computable knowledge. <i>Learning Health Systems</i> , 2019, 3, e10070.	1.1	8
1853	Trying times: domestication of healthcare technologies amidst challenging dynamic contexts. <i>Social Theory and Health</i> , 2019, 17, 291-306.	1.0	3
1854	A Single-Subject Method to Detect Pathways Enriched With Alternatively Spliced Genes. <i>Frontiers in Genetics</i> , 2019, 10, 414.	1.1	1
1857	Patterns of DNA methylation as an indicator of biological aging: State of the science and future directions in precision health promotion. <i>Nursing Outlook</i> , 2019, 67, 337-344.	1.5	5
1858	Preoperative Prediction of Value Metrics and a Patient-Specific Payment Model for Primary Total Hip Arthroplasty: Development and Validation of a Deep Learning Model. <i>Journal of Arthroplasty</i> , 2019, 34, 2228-2234.e1.	1.5	55
1859	Unbiased data analytic strategies to improve biomarker discovery in precision medicine. <i>Drug Discovery Today</i> , 2019, 24, 1735-1748.	3.2	22
1860	Computational Advances in Drug Safety: Systematic and Mapping Review of Knowledge Engineering Based Approaches. <i>Frontiers in Pharmacology</i> , 2019, 10, 415.	1.6	10
1861	Envirotyping: The Next Leap Forward in the Practice of Precision Medicine?. <i>American Journal of Ophthalmology</i> , 2019, 202, xi-xiii.	1.7	3
1863	Bioconjugated arylpalladium complexes on solid supports for a convenient last-step synthesis of ¹¹ C-labelled tracers for positron emission tomography. <i>Chemical Communications</i> , 2019, 55, 7587-7590.	2.2	9
1864	The Role of Participants in a Medical Information Commons. <i>Journal of Law, Medicine and Ethics</i> , 2019, 47, 51-61.	0.4	11
1865	Complexity and integration. A philosophical analysis of how cancer complexity can be faced in the era of precision medicine. <i>European Journal for Philosophy of Science</i> , 2019, 9, 1.	0.6	6

#	ARTICLE	IF	CITATIONS
1866	Variation in Physiciansâ€™ Electronic Health Record Documentation and Potential Patient Harm from That Variation. <i>Journal of General Internal Medicine</i> , 2019, 34, 2355-2367.	1.3	61
1867	ARtPM: Article Retrieval for Precision Medicine. <i>Journal of Biomedical Informatics</i> , 2019, 95, 103224.	2.5	7
1868	Clinical trials in end-stage renal diseaseâ€™ priorities and challenges. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, 1084-1089.	0.4	11
1869	Use of Viscoelastography in Malignancy-Associated Coagulopathy and Thrombosis: A Review. <i>Seminars in Thrombosis and Hemostasis</i> , 2019, 45, 354-372.	1.5	32
1870	Information Systems Engineering in Responsible Information Systems. <i>Lecture Notes in Business Information Processing</i> , 2019, , .	0.8	0
1871	Mind the Gap: Precision Oncology and Its Potential to Widen Disparities. <i>Journal of Oncology Practice</i> , 2019, 15, 301-304.	2.5	33
1872	Genetic and Genomic Markers for Prognostication. , 2019, , 323-331.		0
1873	Sequencing XMET genes to promote genotype-guided risk assessment and precision medicine. <i>Science China Life Sciences</i> , 2019, 62, 895-904.	2.3	5
1874	Angiotensin-Converting Enzyme Insertion/Deletion Polymorphism, Lower Extremity Strength, and Physical Performance in Older Adults. <i>Physical Therapy</i> , 2019, 99, 998-1009.	1.1	3
1875	Precision medicine in primary biliary cholangitis. <i>Journal of Digestive Diseases</i> , 2019, 20, 338-345.	0.7	9
1876	The Mechanisms of How Genomic Heterogeneity Impacts Bio-Emergent Properties: The Challenges for Precision Medicine. , 2019, , 95-109.		1
1877	Precision medicine and health disparities: The case of pediatric acute lymphoblastic leukemia. <i>Nursing Outlook</i> , 2019, 67, 331-336.	1.5	4
1878	Genetic Variants Associated with Cancer Pain and Response to Opioid Analgesics: Implications for Precision Pain Management. <i>Seminars in Oncology Nursing</i> , 2019, 35, 291-299.	0.7	12
1879	Companion Diagnostics Based on Time-to-Event Data. , 2019, , 289-305.		0
1880	Autoinflammatory disease with focus on NOD2-associated disease in the era of genomic medicine. <i>Autoimmunity</i> , 2019, 52, 48-56.	1.2	24
1881	The Genomic Medicine Integrative Research Framework: A Conceptual Framework for Conducting Genomic Medicine Research. <i>American Journal of Human Genetics</i> , 2019, 104, 1088-1096.	2.6	35
1882	Translational Potential of Neuroimaging Genomic Analyses to Diagnosis and Treatment in Mental Disorders. <i>Proceedings of the IEEE</i> , 2019, 107, 912-927.	16.4	4
1883	Cancer Stem Cells in Head and Neck Squamous Cell Carcinoma: Identification, Characterization and Clinical Implications. <i>Cancers</i> , 2019, 11, 616.	1.7	73

#	ARTICLE	IF	CITATIONS
1884	Novel therapeutic targets and drug development for the precision treatment of COPD. Expert Review of Precision Medicine and Drug Development, 2019, 4, 121-128.	0.4	3
1885	Biotransformation profiles from a cohort of chronic fatigue women in response to a hepatic detoxification challenge. PLoS ONE, 2019, 14, e0216298.	1.1	4
1886	Acute Tumor Transition Angle on Computed Tomography Predicts Chromosomal Instability Status of Primary Gastric Cancer: Radiogenomics Analysis from TCGA and Independent Validation. Cancers, 2019, 11, 641.	1.7	9
1887	Expansion of the clinical spectrum associated with <i>AARS2</i> -related disorders. American Journal of Medical Genetics, Part A, 2019, 179, 1556-1564.	0.7	20
1888	Pairing pedagogical and genomic advances to prepare advanced practice nurses for the era of precision health. BMC Medical Education, 2019, 19, 112.	1.0	3
1889	A History of Innovations in the Diagnosis and Treatment of Oral and Head and Neck Cancer. Journal of Dental Research, 2019, 98, 489-497.	2.5	6
1890	A Roadmap for Foundational Research on Artificial Intelligence in Medical Imaging: From the 2018 NIH/RSNA/ACR/The Academy Workshop. Radiology, 2019, 291, 781-791.	3.6	241
1891	Predictive analytics and machine learning in stroke and neurovascular medicine. Neurological Research, 2019, 41, 681-690.	0.6	21
1892	Genomic testing, tumor microenvironment and targeted therapy of Hedgehog-related human cancers. Clinical Science, 2019, 133, 953-970.	1.8	79
1893	Pharmacogenetics and personalized medicine. Are expectations being met?. Medicina Clínica (English) Tj ETQq1 1 0.784314 rgBT /Over 0,1	0.1	0
1894	Clinical utility of genomic analysis in adults with idiopathic liver disease. Journal of Hepatology, 2019, 70, 1214-1221.	1.8	47
1895	Assessing the Psychological Impact of Next-Generation Sequencing Information in the Clinic: An Attempt to Map Terra Incognita?. , 2019, , 103-123.		0
1896	Genetic Counseling and Genomic Sequencing. , 2019, , 125-142.		0
1897	The Metabolome: a Key Measure for Exposome Research in Epidemiology. Current Epidemiology Reports, 2019, 6, 93-103.	1.1	57
1898	An Interactive Resource to Probe Genetic Diversity and Estimated Ancestry in Cancer Cell Lines. Cancer Research, 2019, 79, 1263-1273.	0.4	43
1899	Potential Utility of Liquid Biopsy as a Diagnostic and Prognostic Tool for the Assessment of Solid Tumors: Implications in the Precision Oncology. Journal of Clinical Medicine, 2019, 8, 373.	1.0	107
1900	Population Pharmacogenomics for Precision Public Health in Colombia. Frontiers in Genetics, 2019, 10, 241.	1.1	29
1902	Hope and challenge: Precision medicine in bladder cancer. Cancer Medicine, 2019, 8, 1806-1816.	1.3	34

#	ARTICLE	IF	CITATIONS
1903	Clinical Research and Evidence-Based Medicine. , 2019, , 37-52.		0
1904	A Large-Scale, Multi-Center Urine Biomarkers Identification of Coronary Heart Disease in TCM Syndrome Differentiation. Journal of Proteome Research, 2019, 18, 1994-2003.	1.8	36
1905	A systematic literature review of machine learning in online personal health data. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 561-576.	2.2	56
1906	Precision medicine in Thailand. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2019, 181, 245-253.	0.7	14
1907	Bayesian Networks for Risk Prediction Using Real-World Data: A Tool for Precision Medicine. Value in Health, 2019, 22, 439-445.	0.1	96
1908	Lower Grade Gliomas: Relationships Between Metabolic and Structural Imaging with Grading and Molecular Factors. World Neurosurgery, 2019, 126, e270-e280.	0.7	10
1909	Rheological and Mechanical Investigation into the Effect of Different Molecular Weight Poly(ethylene glycol)s on Polycaprolactone-Ciprofloxacin Filaments. ACS Omega, 2019, 4, 5412-5423.	1.6	20
1910	Genomic Research Through an Indigenous Lens: Understanding the Expectations. Annual Review of Genomics and Human Genetics, 2019, 20, 495-517.	2.5	129
1911	Is the HPA Axis as Target for Depression Outdated, or Is There a New Hope?. Frontiers in Psychiatry, 2019, 10, 101.	1.3	164
1912	Introduction. Seminars in Oncology Nursing, 2019, 35, 1-2.	0.7	2
1913	The survey of public perception and general knowledge of genomic research and medicine in Japan conducted by the Japan Agency for Medical Research and Development. Journal of Human Genetics, 2019, 64, 397-407.	1.1	14
1915	Precision medicine in resistant Tuberculosis: Treat the correct patient, at the correct time, with the correct drug. Journal of Infection, 2019, 78, 261-268.	1.7	13
1916	Early Lessons from the Implementation of Genomic Medicine Programs. Annual Review of Genomics and Human Genetics, 2019, 20, 389-411.	2.5	39
1917	Predispositional genome sequencing in healthy adults: design, participant characteristics, and early outcomes of the PeopleSeq Consortium. Genome Medicine, 2019, 11, 10.	3.6	41
1918	Emotional response in schizophrenia to the "36 questions that lead to love": Predicted and experienced emotions regarding a live social interaction. PLoS ONE, 2019, 14, e0212069.	1.1	6
1919	The Continuing Evolution of Precision Health in Type 2 Diabetes: Achievements and Challenges. Current Diabetes Reports, 2019, 19, 16.	1.7	2
1920	Description of an Innovative Pediatric Individualized Therapeutics Clinic: Working toward Precision Drug Therapy. Children, 2019, 6, 35.	0.6	5
1921	Precision Medicine in the Intensive Care Unit: Identifying Opportunities and Overcoming Barriers. Annual Update in Intensive Care and Emergency Medicine, 2019, , 3-13.	0.1	0

#	ARTICLE	IF	CITATIONS
1922	Personalized Medicine and the Power of Electronic Health Records. <i>Cell</i> , 2019, 177, 58-69.	13.5	197
1923	Advances and challenges in development of precision psychiatry through clinical metabolomics on mood and psychotic disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 93, 182-188.	2.5	23
1924	Building the Next Generation of Implementation Science Careers to Advance Health Equity. <i>Ethnicity and Disease</i> , 2019, 29, 77-82.	1.0	7
1925	Medicina de precisão/medicina personalizada: análise crítica dos movimentos de transformação da biomedicina no início do século XXI. <i>Cadernos De Saude Publica</i> , 2019, 35, e00153118.	0.4	36
1926	Gene Expression-Based Predictive Markers for Paclitaxel Treatment in ER+ and ER ⁻ Breast Cancer. <i>Frontiers in Genetics</i> , 2019, 10, 156.	1.1	7
1927	Perspective: A Call for Precision in Faith-based Initiatives Promoting Health among African Americans. <i>Ethnicity and Disease</i> , 2019, 29, 17-20.	1.0	2
1928	Eotaxin-3 as a Plasma Biomarker for Mucosal Eosinophil Infiltration in Chronic Rhinosinusitis. <i>Frontiers in Immunology</i> , 2019, 10, 74.	2.2	32
1929	Clinical determinants for successful circulating tumor DNA analysis in prostate cancer. <i>Prostate</i> , 2019, 79, 701-708.	1.2	18
1930	Precision Strategies as a Timely and Unifying Framework for Ongoing Prevention Science Advances. <i>Prevention Science</i> , 2019, 20, 110-114.	1.5	8
1931	A descriptive, cross-sectional study examining treatment burden in people living with HIV. <i>Applied Nursing Research</i> , 2019, 46, 31-36.	1.0	11
1932	Commentary: Identifying Opportunities for Pediatric eHealth and mHealth Studies: Physical Activity as a Case Example. <i>Journal of Pediatric Psychology</i> , 2019, 44, 269-274.	1.1	9
1933	Myopic control of neural dynamics. <i>PLoS Computational Biology</i> , 2019, 15, e1006854.	1.5	5
1934	Training set optimization of genomic prediction by means of EthAcc. <i>PLoS ONE</i> , 2019, 14, e0205629.	1.1	29
1935	Working together to deliver stratified medicine research effectively. <i>British Medical Bulletin</i> , 2019, 129, 107-116.	2.7	3
1936	Protocols, Methods, and Tools for Genome-Wide Association Studies (GWAS) of Dental Traits. <i>Methods in Molecular Biology</i> , 2019, 1922, 493-509.	0.4	14
1937	netDx: interpretable patient classification using integrated patient similarity networks. <i>Molecular Systems Biology</i> , 2019, 15, e8497.	3.2	65
1938	Synthetic Lethality in Lung Cancer – From the Perspective of Cancer Genomics. <i>Medicines (Basel)</i> , 2019, 8, 107.	0.7	6
1940	High-Complexity shRNA Libraries and PI3 Kinase Inhibition in Cancer: High-Fidelity Synthetic Lethality Predictions. <i>Cell Reports</i> , 2019, 27, 631-647.e5.	2.9	9

#	ARTICLE	IF	CITATIONS
1941	The making and sustaining of leaders in health care. <i>Journal of Health Organization and Management</i> , 2019, 33, 241-262.	0.6	7
1942	Mass Spectrometry of Proteins. <i>Methods in Molecular Biology</i> , 2019, , .	0.4	0
1943	Big data analytics for personalized medicine. <i>Current Opinion in Biotechnology</i> , 2019, 58, 161-167.	3.3	152
1944	Applying machine learning to predict real-world individual treatment effects: insights from a virtual patient cohort. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019, 26, 977-988.	2.2	19
1945	PUMILIO1 Links Epilepsy to Spinocerebellar Ataxia. <i>Epilepsy Currents</i> , 2019, 19, 122-123.	0.4	1
1946	An integrative U method for joint analysis of multi-level omic data. <i>BMC Genetics</i> , 2019, 20, 40.	2.7	2
1947	Reproducible big data science: A case study in continuous FAIRness. <i>PLoS ONE</i> , 2019, 14, e0213013.	1.1	29
1948	Experimental Design in Quantitative Proteomics. <i>Methods in Molecular Biology</i> , 2019, 1977, 181-197.	0.4	2
1949	Effect of communicating phenotypic and genetic risk of coronary heart disease alongside web-based lifestyle advice: the INFORM Randomised Controlled Trial. <i>Heart</i> , 2019, 105, 982-989.	1.2	34
1950	Review: Precision medicine and driver mutations: Computational methods, functional assays and conformational principles for interpreting cancer drivers. <i>PLoS Computational Biology</i> , 2019, 15, e1006658.	1.5	83
1951	The Emergence of Genomic Research in Africa and New Frameworks for Equity in Biomedical Research. <i>Ethnicity and Disease</i> , 2019, 29, 179-186.	1.0	18
1952	Gender-Specific Predictors of Methadone Treatment Outcomes among African Americans at An Urban Clinic. <i>Substance Abuse</i> , 2019, 40, 185-193.	1.1	11
1953	Reaching an evidence-based prognosis for personalized treatment of multiple sclerosis. <i>Nature Reviews Neurology</i> , 2019, 15, 287-300.	4.9	167
1954	Race reporting and disparities in clinical trials on Alzheimer's disease: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 101, 122-128.	2.9	44
1955	The combination of whole-exome sequencing and copy number variation sequencing enables the diagnosis of rare neurological disorders. <i>Clinical Genetics</i> , 2019, 96, 140-150.	1.0	30
1956	Health informatics competencies in postgraduate medical education and training in the UK: a mixed methods study. <i>BMJ Open</i> , 2019, 9, e025460.	0.8	43
1957	A Review of the Challenges of Using Biomedical Big Data for Economic Evaluations of Precision Medicine. <i>Applied Health Economics and Health Policy</i> , 2019, 17, 443-452.	1.0	20
1958	The Alzheimer Precision Medicine Initiative. <i>Journal of Alzheimer's Disease</i> , 2019, 68, 1-24.	1.2	75

#	ARTICLE	IF	CITATIONS
1959	Off-label versus on-label prescribing of oral oncology agents on time to receipt of medication in patients with soft tissue sarcoma. <i>Journal of Oncology Pharmacy Practice</i> , 2019, 25, 1412-1418.	0.5	1
1960	Are Publicly Funded Health Databases Geographically Detailed and Timely Enough to Support Patient-Centered Outcomes Research?. <i>Journal of General Internal Medicine</i> , 2019, 34, 467-472.	1.3	5
1961	Precision epidemiology for infectious disease control. <i>Nature Medicine</i> , 2019, 25, 206-211.	15.2	94
1962	Significant Expansion of Real-Time PCR Multiplexing with Traditional Chemistries using Amplitude Modulation. <i>Scientific Reports</i> , 2019, 9, 1053.	1.6	20
1964	Rethinking value in health innovation: from mystifications towards prescriptions. <i>Journal of Economic Policy Reform</i> , 2019, 22, 101-119.	1.9	35
1965	Selective versus multi-segmental decompression and fusion for multi-segment lumbar spinal stenosis with single-segment degenerative spondylolisthesis. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 46.	0.9	9
1966	GWAS and Beyond: Using Omics Approaches to Interpret SNP Associations. <i>Current Genetic Medicine Reports</i> , 2019, 7, 30-40.	1.9	4
1967	Deep neural networks in psychiatry. <i>Molecular Psychiatry</i> , 2019, 24, 1583-1598.	4.1	166
1968	Taking Precise Aim at Lung Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 255-256.	2.5	1
1969	The importance of real-world data to precision medicine. <i>Personalized Medicine</i> , 2019, 16, 79-82.	0.8	16
1970	Preparing next-generation scientists for biomedical big data: artificial intelligence approaches. <i>Personalized Medicine</i> , 2019, 16, 247-257.	0.8	28
1971	Treating Depression in the Era of Precision Medicine: Challenges and Perspectives. , 2019, , 265-275.		3
1972	A Peri-Implant Disease Risk Score for Patients with Dental Implants: Validation and the Influence of the Interval between Maintenance Appointments. <i>Journal of Clinical Medicine</i> , 2019, 8, 252.	1.0	9
1973	Using Genetic Burden Scores for Gene-by-Methylation Interaction Analysis on Metabolic Syndrome in African Americans. <i>Biological Research for Nursing</i> , 2019, 21, 279-285.	1.0	2
1974	Point-of-care lung ultrasound in infants with bronchiolitis in the pediatric emergency department: a prospective study. <i>European Journal of Pediatrics</i> , 2019, 178, 623-632.	1.3	67
1975	3D bioprinting for high-throughput screening: Drug screening, disease modeling, and precision medicine applications. <i>Applied Physics Reviews</i> , 2019, 6, .	5.5	91
1976	Precision Medicine in Neurocritical Care—Finding Opportunities and Overcoming the Obstacles. <i>Indian Journal of Neurosurgery</i> , 2019, 08, 149-150.	0.1	0
1977	American College of Physicians Ethics Manual. <i>Annals of Internal Medicine</i> , 2019, 170, S1.	2.0	58

#	ARTICLE	IF	CITATIONS
1978	Toward Precision Rehabilitation for Neurological Diseases: Data-Driven Approach to Exergame Personalization. Proceedings (mdpi), 2019, 31, .	0.2	0
1979	Individual differences of maladaptive brain changes in migraine and their relationship with differential effectiveness of treatments. Brain Science Advances, 2019, 5, 239-255.	0.3	7
1980	Open-Sourced CIViC Annotation Pipeline to Identify and Annotate Clinically Relevant Variants Using Single-Molecule Molecular Inversion Probes. JCO Clinical Cancer Informatics, 2019, 3, 1-12.	1.0	6
1982	An Environmental Scan of Biopsychosocial and Clinical Variables in Cohort Studies of Cancer Survivors. Cancer Epidemiology Biomarkers and Prevention, 2019, 28, 1621-1641.	1.1	3
1983	Development of a 2-dimensional atlas of the human kidney with imaging mass cytometry. JCI Insight, 2019, 4, .	2.3	43
1984	Precision Oncology and the Universal Health Coverage System in Japan. JCO Precision Oncology, 2019, 3, 1-12.	1.5	39
1985	Comparative Analysis of Public Knowledge Bases for Precision Oncology. JCO Precision Oncology, 2019, 3, 1-8.	1.5	24
1986	Twenty Years with Personalized Medicine: Past, Present, and Future of Individualized Pharmacotherapy. Oncologist, 2019, 24, e432-e440.	1.9	36
1987	Cupid and Psyche system for the diagnosis and treatment of advanced cancer. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2019, 95, 602-611.	1.6	8
1988	M-Blocks (Medical Blocks): A blockchain based approach for patient record management using IBM Hyperledger. , 2019, , .		2
1989	Connected Health. Frontiers in Digital Health, 2019, 1, 1.	1.5	12
1990	Biomedical ontologies and their development, management, and applications in and beyond China. Journal of Bio-X Research, 2019, 2, 178-184.	0.3	3
1991	Robust Histopathology Image Analysis: To Label or to Synthesize?. , 2019, 2019, 8533-8542.		78
1992	Learning Personalized Treatment Rules from Electronic Health Records Using Topic Modeling Feature Extraction. , 2019, 2019, 392-402.		1
1993	Data-driven Discovery of a Sepsis Patients Severity Prediction in the ICU via Pre-training BiLSTM Networks. , 2019, , .		5
1994	Guidance from key organisations on exploring, confirming and interpreting subgroup effects of medical treatments: a scoping review. BMJ Open, 2019, 9, e028751.	0.8	9
1995	Oral Mucosal Immunity and Microbiome. Advances in Experimental Medicine and Biology, 2019, , .	0.8	2
1996	APOE genotype, hypertension severity and outcomes after intracerebral haemorrhage. Brain Communications, 2019, 1, fcz018.	1.5	10

#	ARTICLE	IF	CITATIONS
1997	Toward holistic medicine and holistic biology: life sciences after precision medicine and systems biology. <i>Frontiers in Life Science: Frontiers of Interdisciplinary Research in the Life Sciences</i> , 2019, 12, 14-26.	1.1	3
1998	TakingAIM. <i>Journal of Hospice and Palliative Nursing</i> , 2019, 21, 502-509.	0.5	5
1999	Navigating trials of personalized pain treatments: we're going to need a bigger boat. <i>Pain</i> , 2019, 160, 1235-1239.	2.0	15
2000	Dissection of gene expression datasets into clinically relevant interaction signatures via high-dimensional correlation maximization. <i>Nature Communications</i> , 2019, 10, 5417.	5.8	5
2001	A Review of African Americans' Beliefs and Attitudes About Genomic Studies: Opportunities for Message Design. <i>Frontiers in Genetics</i> , 2019, 10, 548.	1.1	39
2002	Banking with precision: transfusion medicine as a potential universal application in clinical genomics. <i>Current Opinion in Hematology</i> , 2019, 26, 480-487.	1.2	10
2003	The Future of Precision Medicine for Physician Assistants in Family Medicine. <i>Journal of Physician Assistant Education</i> , 2019, 30, 188-189.	0.2	1
2004	Using Physiologic, Genetic, and Epigenetic Information to Provide Care to Clients Who Are Obese. <i>Gastroenterology Nursing</i> , 2019, 42, 478-485.	0.2	0
2006	Big Qual: Defining and Debating Qualitative Inquiry for Large Data Sets. <i>International Journal of Qualitative Methods</i> , The, 2019, 18, 160940691988069.	1.3	20
2007	The human genome as a foundation for genomic and precision health. , 2019, , 9-24.		0
2008	Pattern identification of lung cancer patients based on body constitution questionnaires (BCQ) and glycoproteomics for precision medicine. <i>Medicine (United States)</i> , 2019, 98, e16035.	0.4	0
2009	It's Time to Wikify Clinical Documentation: How Collaborative Authorship Can Reduce the Burden and Improve the Quality of the Electronic Health Record. <i>Academic Medicine</i> , 2019, 94, 645-650.	0.8	8
2010	Working Together to Advance Symptom Science in the Precision Era. <i>Nursing Research</i> , 2019, 68, 86-90.	0.8	16
2012	Characterization of Brain Signatures to Add Precision to Self-Management Health Information Interventions. <i>Nursing Research</i> , 2019, 68, 127-134.	0.8	11
2014	&Integrating Machine Learning With Microsimulation to Classify Hypothetical, Novel Patients for Predicting Pregabalin Treatment Response Based on Observational and Randomized Data in Patients With Painful Diabetic Peripheral Neuropathy&. <i>Journal of Pragmatic and Observational Research</i> , 2019, Volume 10, 67-76.	1.1	5
2015	Single-Cell RNA Sequencing of the Cardiovascular System: New Looks for Old Diseases. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 173.	1.1	47
2016	Can Precision Medicine Reduce the Burden of Diabetes?. <i>Ethnicity and Disease</i> , 2019, 29, 669-674.	1.0	7
2017	Adaptive enrichment designs for confirmatory trials. <i>Statistics in Medicine</i> , 2019, 38, 613-624.	0.8	18

#	ARTICLE	IF	CITATIONS
2018	A Bayesian adaptive phase II clinical trial design accounting for spatial variation. <i>Statistical Methods in Medical Research</i> , 2019, 28, 3187-3204.	0.7	3
2019	BhGLM: Bayesian hierarchical GLMs and survival models, with applications to genomics and epidemiology. <i>Bioinformatics</i> , 2019, 35, 1419-1421.	1.8	26
2020	Suggestions for Model-Informed Precision Dosing to Optimize Neonatal Drug Therapy. <i>Journal of Clinical Pharmacology</i> , 2019, 59, 168-176.	1.0	22
2021	A Guide to Applying the Sex-Gender Perspective to Nutritional Genomics. <i>Nutrients</i> , 2019, 11, 4.	1.7	51
2022	Medicine in the Light of Evolution. <i>Genes</i> , 2019, 10, 3.	1.0	3
2023	The Role of Government in Precision Medicine, Precision Public Health and the Intersection With Healthy Living. <i>Progress in Cardiovascular Diseases</i> , 2019, 62, 50-54.	1.6	9
2024	Cancer biomarker discovery and translation: proteomics and beyond. <i>Expert Review of Proteomics</i> , 2019, 16, 93-103.	1.3	107
2025	Precision nutrition: hype or hope for public health interventions to reduce obesity?. <i>International Journal of Epidemiology</i> , 2019, 48, 332-342.	0.9	22
2026	New clinical trial designs in the era of precision medicine: An overview of definitions, strengths, weaknesses, and current use in oncology. <i>Cancer Treatment Reviews</i> , 2019, 73, 20-30.	3.4	116
2027	A minimal set of physiomarkers in continuous high frequency data streams predict adult sepsis onset earlier. <i>International Journal of Medical Informatics</i> , 2019, 122, 55-62.	1.6	53
2028	A National Survey of Transplant Surgeons and Nephrologists on Implementing <i>Apolipoprotein L1</i> (<i>APOL1</i>) Genetic Testing Into Clinical Practice. <i>Progress in Transplantation</i> , 2019, 29, 26-35.	0.4	23
2029	Development and Validation of a Machine Learning Algorithm After Primary Total Hip Arthroplasty: Applications to Length of Stay and Payment Models. <i>Journal of Arthroplasty</i> , 2019, 34, 632-637.	1.5	99
2030	Comprehensive molecular and immunological characterization of hepatocellular carcinoma. <i>EBioMedicine</i> , 2019, 40, 457-470.	2.7	177
2031	External Validation of the Two Newly Proposed Criteria for Assessing Coagulopathy in Sepsis. <i>Thrombosis and Haemostasis</i> , 2019, 119, 203-212.	1.8	44
2032	Predicting Response to Neoadjuvant Chemotherapy in Patients With Breast Cancer. <i>Clinical Nuclear Medicine</i> , 2019, 44, 21-29.	0.7	40
2033	Artificial Intelligence and Integrated Genotype-Phenotype Identification. <i>Genes</i> , 2019, 10, 18.	1.0	14
2034	Genome analyses for the Tohoku Medical Megabank Project towards establishment of personalized healthcare. <i>Journal of Biochemistry</i> , 2019, 165, 139-158.	0.9	33
2035	Advances in the application of upconversion nanoparticles for detecting and treating cancers. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 25, 177-192.	1.3	59

#	ARTICLE	IF	CITATIONS
2036	Clinical whole exome sequencing in severe hypertriglyceridemia. <i>Clinica Chimica Acta</i> , 2019, 488, 31-39.	0.5	4
2037	Collaborative design of accessible information with people with aphasia. <i>Aphasiology</i> , 2019, 33, 1504-1530.	1.4	14
2038	PreMedKB: an integrated precision medicine knowledgebase for interpreting relationships between diseases, genes, variants and drugs. <i>Nucleic Acids Research</i> , 2019, 47, D1090-D1101.	6.5	45
2039	From the Double Helix to Oncogenomics and Precision Cancer Medicine. , 2019, , 3-16.		0
2040	A quick and accurate method for the estimation of covariate effects based on empirical Bayes estimates in mixed-effects modeling: Correction of bias due to shrinkage. <i>Statistical Methods in Medical Research</i> , 2019, 28, 3568-3578.	0.7	5
2041	Early versus late wake therapy improves mood more in antepartum versus postpartum depression by differentially altering melatonin-sleep timing disturbances. <i>Journal of Affective Disorders</i> , 2019, 245, 608-616.	2.0	13
2042	Qualitative study of system-level factors related to genomic implementation. <i>Genetics in Medicine</i> , 2019, 21, 1534-1540.	1.1	26
2043	Powder bed 3D-printing of highly loaded drug delivery devices with hydroxypropyl cellulose as solid binder. <i>International Journal of Pharmaceutics</i> , 2019, 555, 198-206.	2.6	82
2044	Clinical target sequencing for precision medicine of breast cancer. <i>International Journal of Clinical Oncology</i> , 2019, 24, 131-140.	1.0	14
2045	Next-generation sequencing in precision oncology: Patient understanding and expectations. <i>Cancer Medicine</i> , 2019, 8, 227-237.	1.3	36
2046	Enabling Confirmatory Secondary Data Analysis by Logging Data Checkout. <i>Advances in Methods and Practices in Psychological Science</i> , 2019, 2, 45-54.	5.4	8
2047	Frailty and mortality: "Same-same but Different"™. <i>BMJ Quality and Safety</i> , 2019, 28, 263-265.	1.8	0
2048	Top-Funded Digital Health Companies And Their Impact On High-Burden, High-Cost Conditions. <i>Health Affairs</i> , 2019, 38, 115-123.	2.5	63
2049	Machine Learning Methods in Precision Medicine Targeting Epigenetic Diseases. <i>Current Pharmaceutical Design</i> , 2019, 24, 3998-4006.	0.9	7
2050	Difficulties and challenges in the development of precision medicine. <i>Clinical Genetics</i> , 2019, 95, 569-574.	1.0	33
2051	Cancer Epigenomics on Precision Medicine and Immunotherapy. , 2019, , 483-503.		0
2052	Participant and interventionist perceptions of challenges during behavioral weight loss treatment. <i>Journal of Behavioral Medicine</i> , 2019, 42, 353-364.	1.1	1
2053	Measuring Value in Postacute Care. <i>Archives of Physical Medicine and Rehabilitation</i> , 2019, 100, 990-994.	0.5	10

#	ARTICLE	IF	CITATIONS
2054	Foundations of idiographic methods in psychology and applications for psychotherapy. <i>Clinical Psychology Review</i> , 2019, 71, 90-100.	6.0	69
2055	Farmacogenética y medicina personalizada. ¿Se está cumpliendo las expectativas?. <i>Medicina Clínica</i> , 2019, 152, 368-371.	0.3	0
2056	New Challenges in Oncology for the Brazilian Private Health Sector: Specialists' Concerns After the ISPOR International Congress in Boston, Massachusetts, 2017. <i>Value in Health Regional Issues</i> , 2019, 20, 12-18.	0.5	2
2057	Spatial, Temporal, and Dose Control of Drug Delivery using Noninvasive Magnetic Stimulation. <i>ACS Nano</i> , 2019, 13, 1292-1308.	7.3	88
2058	Big data approaches to decomposing heterogeneity across the autism spectrum. <i>Molecular Psychiatry</i> , 2019, 24, 1435-1450.	4.1	299
2059	Improved state-level influenza nowcasting in the United States leveraging Internet-based data and network approaches. <i>Nature Communications</i> , 2019, 10, 147.	5.8	67
2060	Repurposing large health insurance claims data to estimate genetic and environmental contributions in 560 phenotypes. <i>Nature Genetics</i> , 2019, 51, 327-334.	9.4	52
2061	Utility of ultrasound-guided liver tumor biopsy for next-generation sequencing-based clinical sequencing. <i>Hepatology Research</i> , 2019, 49, 579-589.	1.8	6
2062	Examination of Injury, Host, and Social-Environmental Moderators of Online Family Problem Solving Treatment Efficacy for Pediatric Traumatic Brain Injury Using an Individual Participant Data Meta-Analytic Approach. <i>Journal of Neurotrauma</i> , 2019, 36, 1147-1155.	1.7	11
2063	Engaging a Community Leader to Enhance Preparation for In-Depth Interviews With Community Members. <i>Qualitative Health Research</i> , 2019, 29, 270-278.	1.0	16
2064	Established and emerging strategies to crack the genetic code of obesity. <i>Obesity Reviews</i> , 2019, 20, 212-240.	3.1	21
2065	Engineering Precision Medicine. <i>Advanced Science</i> , 2019, 6, 1801039.	5.6	55
2066	Psychiatric genetics researchers' views on offering return of results to individual participants. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2019, 180, 589-600.	1.1	17
2067	Virtual and Augmented Reality in Oncologic Liver Surgery. <i>Surgical Oncology Clinics of North America</i> , 2019, 28, 31-44.	0.6	72
2068	Enabling genome-wide association testing with multiple diseases and no healthy controls. <i>Gene</i> , 2019, 684, 118-123.	1.0	8
2069	Perioperative medicine and UK plc. <i>British Journal of Anaesthesia</i> , 2019, 122, 3-7.	1.5	2
2070	Multi-omics at single-cell resolution: comparison of experimental and data fusion approaches. <i>Current Opinion in Biotechnology</i> , 2019, 55, 159-166.	3.3	25
2071	Response heterogeneity in fitness, mobility and cognition with exercise-training in MS. <i>Acta Neurologica Scandinavica</i> , 2019, 139, 183-191.	1.0	16

#	ARTICLE	IF	CITATIONS
2072	Ductal Carcinoma in Situ Biomarkers in a Precision Medicine Era. <i>American Journal of Pathology</i> , 2019, 189, 956-965.	1.9	15
2073	Emergence of DSS efforts in genomics: Past contributions and challenges. <i>Decision Support Systems</i> , 2019, 116, 77-90.	3.5	3
2074	Thermo-triggered ultrafast self-healing of microporous coating for on-demand encapsulation of biomacromolecules. <i>Biomaterials</i> , 2019, 192, 15-25.	5.7	20
2075	Stem cells as therapy for heart disease: iPSCs, ESCs, CSCs, and skeletal myoblasts. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 304-313.	2.5	73
2076	Genetics and epigenetics in obesity. <i>Metabolism: Clinical and Experimental</i> , 2019, 92, 37-50.	1.5	230
2077	Moving Toward a Precision-Based, Personalized Framework for Prevention Science: Introduction to the Special Issue. <i>Prevention Science</i> , 2019, 20, 1-9.	1.5	39
2078	Big data and targeted machine learning in action to assist medical decision in the ICU. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2019, 38, 377-384.	0.6	42
2079	Equitably improving outcomes for cancer survivors and supporting caregivers: A blueprint for care delivery, research, education, and policy. <i>Ca-A Cancer Journal for Clinicians</i> , 2019, 69, 35-49.	157.7	124
2080	Proficiency Testing of Standardized Samples Shows Very High Interlaboratory Agreement for Clinical Next-Generation Sequencing-Based Oncology Assays. <i>Archives of Pathology and Laboratory Medicine</i> , 2019, 143, 463-471.	1.2	32
2081	Unraveling the Exposome. , 2019, , .		9
2082	Genomic and Phenomic Research in the 21st Century. <i>Trends in Genetics</i> , 2019, 35, 29-41.	2.9	20
2083	Obtaining a Genetic Family History Using Computer-Based Tools. <i>Current Protocols in Human Genetics</i> , 2019, 100, e72.	3.5	7
2084	Precision Medicine and Advancing Clinical Care. <i>JAMA Internal Medicine</i> , 2019, 179, 139.	2.6	3
2085	Genetics and Genomics in Public Health. , 2019, , 355-367.		0
2086	Foundations and Application of Precision Medicine. , 2019, , 21-45.		0
2087	Dose individualization and variable selection by using the Bayesian lasso in early phase dose finding trials. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2019, 68, 445-460.	0.5	2
2088	Personal Mutanomes Meet Modern Oncology Drug Discovery and Precision Health. <i>Pharmacological Reviews</i> , 2019, 71, 1-19.	7.1	47
2089	Management of Diabetes Mellitus. <i>Contemporary Cardiology</i> , 2019, , 113-177.	0.0	0

#	ARTICLE	IF	CITATIONS
2090	Digital Medicine. Computers in Health Care, 2019, , .	0.2	2
2091	Population-scale genomicsâ€”Enabling precision public health. Advances in Genetics, 2019, 103, 119-161.	0.8	9
2092	Low back pain: Moving toward mechanism-based management. Clinical Biomechanics, 2019, 61, 190-191.	0.5	10
2093	Microfluidic long DNA sample preparation from cells. Lab on A Chip, 2019, 19, 281-290.	3.1	11
2094	Next generation sequencingâ€”based gene panel tests for the management of solid tumors. Cancer Science, 2019, 110, 6-15.	1.7	107
2095	Relationship between formalin reagent and success rate of targeted sequencing analysis using formalin fixed paraffin embedded tissues. Clinica Chimica Acta, 2019, 488, 129-134.	0.5	30
2096	Time between recall visits and residual probing depths predict longâ€”term stability in patients enrolled in supportive periodontal therapy. Journal of Clinical Periodontology, 2019, 46, 218-230.	2.3	40
2097	Alzheimerâ€™s Disease and Dementia. , 2019, , 25-82.		2
2098	The Genomic Health Record. , 2019, , 315-325.		1
2099	Drug repurposing: progress, challenges and recommendations. Nature Reviews Drug Discovery, 2019, 18, 41-58.	21.5	2,689
2101	The Audacious Goal of Precision Medicine. , 2019, , 3-4.		0
2103	Use of terbinafine and risk of death in patients with prostate cancer: A populationâ€”based cohort study. International Journal of Cancer, 2019, 144, 1888-1895.	2.3	10
2104	Amyotrophic Lateral Sclerosis: Current Therapeutic Perspectives. , 2019, , 207-224.		2
2105	Big data management challenges in health researchâ€”a literature review. Briefings in Bioinformatics, 2019, 20, 156-167.	3.2	56
2106	Does Giving Parents Their Choice of Interventions for Child Behavior Problems Improve Child Outcomes?. Prevention Science, 2019, 20, 78-88.	1.5	9
2107	Biomarker profiling for breast cancer detection: translational research to determine acceptance of a novel breast cancer screening technique. Health Systems, 2019, 8, 44-51.	0.9	1
2108	Induced pluripotent stem cells (iPSC)-derived retinal cells in disease modeling and regenerative medicine. Journal of Chemical Neuroanatomy, 2019, 95, 81-88.	1.0	13
2109	Developing a â€”personalomeâ€” for precision medicine: emerging methods that compute interpretable effect sizes from single-subject transcriptomes. Briefings in Bioinformatics, 2019, 20, 789-805.	3.2	24

#	ARTICLE	IF	CITATIONS
2110	Phenotypic Clustering of Left Ventricular Diastolic Function Parameters. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1149-1161.	2.3	92
2111	Computational profiling of the gut-brain axis: microflora dysbiosis insights to neurological disorders. <i>Briefings in Bioinformatics</i> , 2019, 20, 825-841.	3.2	27
2112	Drug knowledge bases and their applications in biomedical informatics research. <i>Briefings in Bioinformatics</i> , 2019, 20, 1308-1321.	3.2	29
2113	A Digital Feedback System to Support Implementation of Measurement-Based Care by School-Based Mental Health Clinicians. <i>Journal of Clinical Child and Adolescent Psychology</i> , 2019, 48, S168-S179.	2.2	23
2114	A Tailored Intervention for PAP Adherence: The SCIP-PA Trial. <i>Behavioral Sleep Medicine</i> , 2019, 17, 49-69.	1.1	18
2115	Matched Learning for Optimizing Individualized Treatment Strategies Using Electronic Health Records. <i>Journal of the American Statistical Association</i> , 2020, 115, 380-392.	1.8	10
2116	A primer in genomics for social and behavioral investigators. <i>Translational Behavioral Medicine</i> , 2020, 10, 451-456.	1.2	4
2117	The building blocks of precision oral health in early childhood: the ZOE 2.0 study. <i>Journal of Public Health Dentistry</i> , 2020, 80, S31-S36.	0.5	13
2118	Roadmap for Routine Pharmacogenetic Testing in a Psychiatric University Hospital. <i>Pharmacopsychiatry</i> , 2020, 53, 179-183.	1.7	4
2119	“Good Fences Make Good Neighbors”: How does the Human Gut Microchip Unravel Mechanism of Intestinal Inflammation?. <i>Gut Microbes</i> , 2020, 11, 581-586.	4.3	7
2120	Two-Phase, Generalized Case-Control Designs for the Study of Quantitative Longitudinal Outcomes. <i>American Journal of Epidemiology</i> , 2020, 189, 81-90.	1.6	6
2121	Applying modern Omic technologies to the Neuronal Ceroid Lipofuscinoses. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165498.	1.8	17
2122	Propensity score analysis for correlated subgroup effects. <i>Statistical Methods in Medical Research</i> , 2020, 29, 1067-1080.	0.7	1
2123	Race, Trust in Doctors, Privacy Concerns, and Consent Preferences for Biobanks. <i>Health Communication</i> , 2020, 35, 1219-1228.	1.8	11
2124	100 Years of evolving gene-disease complexities and scientific debutants. <i>Briefings in Bioinformatics</i> , 2020, 21, 885-905.	3.2	36
2125	Toward precision public health. <i>Journal of Public Health Dentistry</i> , 2020, 80, S7-S13.	0.5	9
2126	Discovery and Characterization of Cancer Genetic Susceptibility Alleles. , 2020, , 323-336.e3.		1
2127	Human pluripotent stem cell-derived models and drug screening in CNS precision medicine. <i>Annals of the New York Academy of Sciences</i> , 2020, 1471, 18-56.	1.8	54

#	ARTICLE	IF	CITATIONS
2128	Evaluation of the dualistic model of passion for alcohol consumption among emerging adults engaged in risky drinking. <i>Addiction Research and Theory</i> , 2020, 28, 21-28.	1.2	4
2129	Precision Surgery for Obesity. <i>American Journal of Therapeutics</i> , 2020, 27, e491-e494.	0.5	0
2130	Precision immunization: a new trend in human vaccination. <i>Human Vaccines and Immunotherapeutics</i> , 2020, 16, 513-522.	1.4	8
2131	Big Data and Artificial Intelligence Modeling for Drug Discovery. <i>Annual Review of Pharmacology and Toxicology</i> , 2020, 60, 573-589.	4.2	209
2133	Medical 3D Printing Cost-Savings in Orthopedic and Maxillofacial Surgery: Cost Analysis of Operating Room Time Saved with 3D Printed Anatomic Models and Surgical Guides. <i>Academic Radiology</i> , 2020, 27, 1103-1113.	1.3	155
2134	Association of Circulating Vitamin D With Colorectal Cancer Depends on Vitamin D Binding Protein Isoforms: A Pooled, Nested, Case-Control Study. <i>JNCI Cancer Spectrum</i> , 2020, 4, pkz083.	1.4	12
2135	Paradigm shift for the treatment of hereditary haemophilia: Towards precision medicine. <i>Blood Reviews</i> , 2020, 39, 100618.	2.8	24
2136	Psychoanalysis in the era of precision psychiatry. <i>Asian Journal of Psychiatry</i> , 2020, 47, 101840.	0.9	6
2137	Heterogeneous Exposure Associations in Observational Cohort Studies: The Example of Blood Pressure in Older Adults. <i>American Journal of Epidemiology</i> , 2020, 189, 55-67.	1.6	3
2138	Risk Prediction in Heart Failure. <i>JACC: Heart Failure</i> , 2020, 8, 22-24.	1.9	13
2139	Novel findings in immunopathophysiology of chronic rhinosinusitis and their role in a model of precision medicine. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 769-780.	2.7	22
2140	PROMIS® Pediatric Depressive Symptoms as a Harmonized Score Metric. <i>Journal of Pediatric Psychology</i> , 2020, 45, 271-280.	1.1	15
2141	A pediatric perspective on genomics and prevention in the twenty-first century. <i>Pediatric Research</i> , 2020, 87, 338-344.	1.1	3
2142	Novel functional proteins coded by the human genome discovered in metastases of melanoma patients. <i>Cell Biology and Toxicology</i> , 2020, 36, 261-272.	2.4	9
2143	Parental substance use and child reward-driven eating behaviors. <i>Appetite</i> , 2020, 144, 104486.	1.8	9
2144	Glucose-Responsive Insulin and Delivery Systems: Innovation and Translation. <i>Advanced Materials</i> , 2020, 32, e1902004.	11.1	138
2145	OM Forum Healthcare Operations Management: A Snapshot of Emerging Research. <i>Manufacturing and Service Operations Management</i> , 2020, 22, 869-887.	2.3	74
2146	Additive Manufacturing of Precision Biomaterials. <i>Advanced Materials</i> , 2020, 32, e1901994.	11.1	105

#	ARTICLE	IF	CITATIONS
2147	Integrating Artificial Intelligence and Nanotechnology for Precision Cancer Medicine. <i>Advanced Materials</i> , 2020, 32, e1901989.	11.1	187
2148	Multiscalar genetic pathway modeling with hybrid Bayesian networks. <i>Wiley Interdisciplinary Reviews: Computational Statistics</i> , 2020, 12, e1479.	2.1	4
2149	Stakeholder Engagement in Late-Stage Translation Research and Implementation Science: Perspectives From the National Heart, Lung, and Blood Institute. <i>Global Heart</i> , 2019, 14, 191.	0.9	10
2150	Considering religion and spirituality in precision medicine. <i>Translational Behavioral Medicine</i> , 2020, 10, 195-203.	1.2	13
2151	Prognostic and predictive enrichment in sepsis. <i>Nature Reviews Nephrology</i> , 2020, 16, 20-31.	4.1	182
2152	Complex Systems in Medicine. , 2020, , .		6
2153	A comparison of substance use patterns among lifetime heroin-injecting individuals by racial groups. <i>Addiction Research and Theory</i> , 2020, 28, 260-268.	1.2	1
2154	The Genomics Research and Innovation Network: creating an interoperable, federated, genomics learning system. <i>Genetics in Medicine</i> , 2020, 22, 371-380.	1.1	30
2155	Functional "omics" for systems medicine. , 2020, , 219-228.		0
2156	Quantitative Systems Pharmacology for Neuroscience Drug Discovery and Development: Current Status, Opportunities, and Challenges. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2020, 9, 5-20.	1.3	29
2157	The effect of goal-directed fluid therapy combines closed-loop anesthesia management on postoperative rehabilitation of patients undergoing laparoscopic pancreaticoduodenectomy. <i>Journal of Clinical Anesthesia</i> , 2020, 60, 115-117.	0.7	2
2158	Genetic Interleukin 6 Signaling Deficiency Attenuates Cardiovascular Risk in Clonal Hematopoiesis. <i>Circulation</i> , 2020, 141, 124-131.	1.6	270
2159	Recent Advances in Enabling Technologies in 3D Printing for Precision Medicine. <i>Advanced Materials</i> , 2020, 32, e1902516.	11.1	126
2160	Development and Implementation of Electronic Health Record "Integrated Model" Informed Clinical Decision Support Tools for the Precision Dosing of Drugs. <i>Clinical Pharmacology and Therapeutics</i> , 2020, 107, 129-135.	2.3	29
2161	Pediatric Clinical Endpoint and Pharmacodynamic Biomarkers: Limitations and Opportunities. <i>Paediatric Drugs</i> , 2020, 22, 55-71.	1.3	3
2162	Axes of a revolution: challenges and promises of big data in healthcare. <i>Nature Medicine</i> , 2020, 26, 29-38.	15.2	206
2163	Multifunctional materials for implantable and wearable photonic healthcare devices. <i>Nature Reviews Materials</i> , 2020, 5, 149-165.	23.3	403
2164	A brief history of human disease genetics. <i>Nature</i> , 2020, 577, 179-189.	13.7	441

#	ARTICLE	IF	CITATIONS
2165	Biopsychosocial Influences on Shoulder Pain: Analyzing the Temporal Ordering of Postoperative Recovery. <i>Journal of Pain</i> , 2020, 21, 808-819.	0.7	14
2166	Current postgraduate training programs and online courses in precision medicine. <i>Expert Review of Molecular Diagnostics</i> , 2020, 20, 569-574.	1.5	4
2167	Precision health: A nursing perspective. <i>International Journal of Nursing Sciences</i> , 2020, 7, 5-12.	0.5	37
2168	Precision medicine, agriculture, and genome editing: science and ethics. <i>Annals of the New York Academy of Sciences</i> , 2020, 1465, 59-75.	1.8	1
2170	Biomarkers and Precision Medicine. <i>Critical Care Clinics</i> , 2020, 36, 155-165.	1.0	29
2171	The Neurodevelopment of Autism from Infancy Through Toddlerhood. <i>Neuroimaging Clinics of North America</i> , 2020, 30, 97-114.	0.5	33
2172	Cancer patients' expectations when undergoing extensive molecular diagnosticsâ€”A qualitative study. <i>Psycho-Oncology</i> , 2020, 29, 423-429.	1.0	16
2173	Health intelligence. , 2020, , 197-215.		1
2174	Neurobiological functions of transcriptional enhancers. <i>Nature Neuroscience</i> , 2020, 23, 5-14.	7.1	83
2175	Ethical, policy, and research considerations for personalized psychiatry. , 2020, , 549-556.		1
2176	Individualizing Care. <i>Surgical Oncology Clinics of North America</i> , 2020, 29, 87-103.	0.6	0
2177	Patient Phenotypes Help Explain Variation in Response to a Social Gamification Weight Loss Intervention. <i>American Journal of Health Promotion</i> , 2020, 34, 277-284.	0.9	4
2178	International Consortium on the Genetics of Electroconvulsive Therapy and Severe Depressive Disorders (Gen-ECT-ic). <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2020, 270, 921-932.	1.8	22
2179	Personalised medicine in Crohn's disease. <i>The Lancet Gastroenterology and Hepatology</i> , 2020, 5, 80-92.	3.7	55
2180	Conclusions and closing remarks. , 2020, , 259-261.		0
2182	Precision Medicine: Implications for value chains and business models in life sciences. <i>Technological Forecasting and Social Change</i> , 2020, 151, 119767.	6.2	36
2183	Members of the public in the USA, UK, Canada and Australia expressing genetic exceptionalism say they are more willing to donate genomic data. <i>European Journal of Human Genetics</i> , 2020, 28, 424-434.	1.4	29
2184	Mutation Yield of a Custom 212-Gene Next-Generation Sequencing Panel for Solid Tumors: Clinical Experience of the First 260 Cases Tested Using the JAX ActionSeqâ„¢ Assay. <i>Molecular Diagnosis and Therapy</i> , 2020, 24, 103-111.	1.6	1

#	ARTICLE	IF	CITATIONS
2185	Analysis of association between temperament and psychological symptoms using the Affective and Emotional Composite Temperament (AFECT) model: An internet-based survey. <i>Journal of Affective Disorders</i> , 2020, 264, 446-454.	2.0	1
2186	Estimating individualized treatment regimes from crossover designs. <i>Biometrics</i> , 2020, 76, 778-788.	0.8	2
2187	P5 eHealth: An Agenda for the Health Technologies of the Future. , 2020, , .		21
2188	Personalized prediction of smartphone-based psychotherapeutic micro-intervention success using machine learning. <i>Journal of Affective Disorders</i> , 2020, 264, 430-437.	2.0	16
2189	Systematic integration of GATA transcription factors and epigenomes via IDEAS paints the regulatory landscape of hematopoietic cells. <i>IUBMB Life</i> , 2020, 72, 27-38.	1.5	8
2190	Willingness of women to participate in obstetrical and pediatric research involving biobanks. <i>Journal of Community Genetics</i> , 2020, 11, 215-223.	0.5	4
2191	Precision medicine in an imprecise and complex world: Magic bullets, hype, and the fuzzy line between health and disease. <i>Journal of Evaluation in Clinical Practice</i> , 2020, 26, 1534-1538.	0.9	5
2192	Advances in precision oral health. <i>Periodontology 2000</i> , 2020, 82, 268-285.	6.3	22
2193	Conventional Machine Learning and Deep Learning Approach for Multi-Classification of Breast Cancer Histopathology Images—a Comparative Insight. <i>Journal of Digital Imaging</i> , 2020, 33, 632-654.	1.6	140
2194	Precision medicine. , 2020, , 389-396.		0
2195	UK Biobank Whole-Exome Sequence Binary Phenome Analysis with Robust Region-Based Rare-Variant Test. <i>American Journal of Human Genetics</i> , 2020, 106, 3-12.	2.6	56
2196	Coverage of pharmacogenetic tests by private health insurance companies. <i>Journal of the American Pharmacists Association: JAPhA</i> , 2020, 60, 352-356.e3.	0.7	17
2197	Biomedical document triage using a hierarchical attention-based capsule network. <i>BMC Bioinformatics</i> , 2020, 21, 380.	1.2	6
2198	Dynamic Models Supporting Personalised Chronic Disease Management through Healthcare Sensors with Interactive Process Mining. <i>Sensors</i> , 2020, 20, 5330.	2.1	9
2199	<p>Genomics and Transcriptomics: The Powerful Technologies in Precision Medicine</p>. <i>International Journal of General Medicine</i> , 2020, Volume 13, 627-640.	0.8	19
2200	Microbial Interactions Within Multiple-Strain Biological Control Agents Impact Soil-Borne Plant Disease. <i>Frontiers in Microbiology</i> , 2020, 11, 585404.	1.5	111
2201	Nâ€™=â€™many meâ€™™s: self-surveillance for Precision Public Health. <i>BioSocieties</i> , 2022, 17, 78-98.	0.8	4
2202	Identifying Septic Shock Populations Benefitting From Polymyxin B Hemoperfusion: A Prospective Cohort Study Incorporating a Restricted Cubic Spline Regression Model. <i>Shock</i> , 2020, 54, 667-674.	1.0	7

#	ARTICLE	IF	CITATIONS
2203	Pathway Analysis for unraveling Complex Diseases: Current State and Future Perspectives. , 2020, , .		0
2204	How Can Gene-Expression Information Improve Prognostic Prediction in TCGA Cancers: An Empirical Comparison Study on Regularization and Mixed Cox Models. <i>Frontiers in Genetics</i> , 2020, 11, 920.	1.1	8
2205	3D printing promotes the development of drugs. <i>Biomedicine and Pharmacotherapy</i> , 2020, 131, 110644.	2.5	49
2206	Precision Medicine Using Pharmacogenomic Panel-Testing. <i>Advances in Molecular Pathology</i> , 2020, 3, 131-142.	0.2	1
2207	Enabling precision rehabilitation interventions using wearable sensors and machine learning to track motor recovery. <i>Npj Digital Medicine</i> , 2020, 3, 121.	5.7	55
2208	Practicing precision medicine with intelligently integrative clinical and multi-omics data analysis. <i>Human Genomics</i> , 2020, 14, 35.	1.4	58
2209	Factors affecting weight loss variability in obesity. <i>Metabolism: Clinical and Experimental</i> , 2020, 113, 154388.	1.5	50
2210	Genome-wide association study-based deep learning for survival prediction. <i>Statistics in Medicine</i> , 2020, 39, 4605-4620.	0.8	26
2211	Implementing a Process to Systematically Identify and Address Poor Medication Adherence in Pediatric Liver Transplant Recipients. <i>Pediatric Quality & Safety</i> , 2020, 5, e296.	0.4	7
2212	Metabolomics Research Conducted by Nurse Scientists: A Systematic Scoping Review. <i>Biological Research for Nursing</i> , 2020, 22, 436-448.	1.0	1
2215	Appetitive Needs and Addiction. , 2020, , 3-11.		9
2216	Behavioral Economics and Addictive Disorders. , 2020, , 12-22.		43
2217	Sensitization of Incentive Salience and the Transition to Addiction. , 2020, , 23-37.		43
2218	Philosophical Issues in the Addictions. , 2020, , 38-50.		0
2220	Human Neurobiological Approaches to Hedonically Motivated Behaviors. , 2020, , 53-61.		43
2221	Human Laboratory Paradigms in Addictions Research. , 2020, , 62-72.		0
2222	Behavioral Economic Considerations of Novel Addictions and Nonaddictive Behavior: Research and Analytic Methods. , 2020, , 73-86.		46
2223	Substance and Behavioral Addictions Assessment Instruments. , 2020, , 87-105.		2

#	ARTICLE	IF	CITATIONS
2224	Qualitative Approaches to the Study of Substance and Behavioral Addictions. , 2020, , 106-118.		3
2226	Neurobiology of Substance Addictions. , 2020, , 121-135.		43
2227	Neurobiological Foundations of Behavioral Addictions. , 2020, , 136-151.		43
2228	Multiple Memory Systems, Addiction, and Health Habits: New Routes for Translational Science. , 2020, , 152-170.		43
2229	The Role of Culture in Addiction. , 2020, , 171-181.		2
2230	The Physical and Social Environments as Determinants of Health: Implications for Substance and Behavioral Addictions. , 2020, , 182-198.		0
2232	Adolescent Drug Misuse Prevention: Challenges in School-Based Programming. , 2020, , 201-214.		1
2233	Treatment of Alcohol, Tobacco, and Other Drug (ATOD) Misuse. , 2020, , 215-229.		2
2234	Prevention and Treatment of "Food Addiction", 2020, , 230-240.		43
2235	The Prevention and Treatment of Gambling Disorders: Some Art, Some Science. , 2020, , 241-253.		45
2236	Prevention and Treatment of Sex Addiction. , 2020, , 254-261.		1
2237	Passionate Love Addiction: An Evolutionary Survival Mechanism That Can Go Terribly Wrong. , 2020, , 262-270.		0
2238	Prevention and Treatment of Compulsive Buying Disorder. , 2020, , 271-279.		43
2239	Prevention and Treatment of Work Addiction. , 2020, , 280-287.		0
2240	Gaming Disorder and Its Treatment. , 2020, , 288-294.		2
2242	Precision Behavioral Management (PBM): A Novel Genetically Guided Therapy to Combat Reward Deficiency Syndrome (RDS) Relevant to the Opiate Crisis. , 2020, , 297-306.		43
2243	Novel Psychoactive Substances: A New Challenge for Prevention and Treatment. , 2020, , 307-325.		0
2244	Impaired Physicians. , 2020, , 326-332.		0

#	ARTICLE	IF	CITATIONS
2245	Feedback Models for Gambling Control: The Use and Efficacy of Online Responsible Gambling Tools. , 2020, , 333-339.		43
2246	Food versus Eating Addictions. , 2020, , 340-351.		43
2247	Measurement, Prevention, and Treatment of Exercise Addiction. , 2020, , 352-361.		0
2248	Tanning as an Addiction: The State of the Research and Implications for Intervention. , 2020, , 362-372.		43
2249	Considering the Overlap and Nonoverlap of Compulsivity, Impulsivity, and Addiction. , 2020, , 373-385.		44
2250	Anhedonia in Addictive Behaviors. , 2020, , 386-408.		0
2251	Mindfulness-Based Interventions Applied to Addiction Treatments. , 2020, , 409-417.		43
2252	American Legal Issues in Addiction Treatment and Research. , 2020, , 418-425.		0
2254	Educational and Ethical Considerations for Genetic Test Implementation Within Health Care Systems. Network and Systems Medicine, 2020, 3, 58-66.	2.7	7
2255	Unraveling the Ethical, Legal, and Social Implications of Neurobiobanking and Stroke Genomic Research in Africa: A Study Protocol of the African Neurobiobank for Precision Stroke Medicine ELSI Project. International Journal of Qualitative Methods, The, 2020, 19, 160940692092319.	1.3	9
2256	Precision/Genomic Medicine for Domestic Cats. Veterinary Clinics of North America - Small Animal Practice, 2020, 50, 983-990.	0.5	6
2257	Precision transplant pathology. Current Opinion in Organ Transplantation, 2020, 25, 412-419.	0.8	6
2258	Impact of genome plasticity on health and disease. , 2020, , 1-6.		0
2259	Precision global health: a roadmap for augmented action. Journal of Public Health and Emergency, 0, 4, 5-5.	4.4	5
2260	Cohort Profile: ZOE 2.0â€”A Community-Based Genetic Epidemiologic Study of Early Childhood Oral Health. International Journal of Environmental Research and Public Health, 2020, 17, 8056.	1.2	20
2261	Common and unique multimodal covarying patterns in autism spectrum disorder subtypes. Molecular Autism, 2020, 11, 90.	2.6	26
2262	Diagnostic potential of periâ€”implant crevicular fluid microRNAâ€”21â€”3p and microRNAâ€”150â€”5p and extracellular vesicles in periâ€”implant diseases. Journal of Periodontology, 2020, 92, 11-21.	1.7	8
2263	Pharmacogenomic Biomarkers and Their Applications in Psychiatry. Genes, 2020, 11, 1445.	1.0	19

#	ARTICLE	IF	CITATIONS
2264	Real-time sepsis severity prediction on knowledge graph deep learning networks for the intensive care unit. <i>Journal of Visual Communication and Image Representation</i> , 2020, 72, 102901.	1.7	11
2265	Methodological and clinical challenges associated with biomarkers for psychiatric disease: A scoping review. <i>Journal of Psychiatric Research</i> , 2021, 143, 572-579.	1.5	11
2266	Is Machine Learning a Better Way to Identify COVID-19 Patients Who Might Benefit from Hydroxychloroquine Treatment?—The IDENTIFY Trial. <i>Journal of Clinical Medicine</i> , 2020, 9, 3834.	1.0	8
2267	Integrated imaging and molecular analysis to decipher tumor microenvironment in the era of immunotherapy. <i>Seminars in Cancer Biology</i> , 2022, 84, 310-328.	4.3	34
2268	The Importance of the Tumor Microenvironment and Hypoxia in Delivering a Precision Medicine Approach to Veterinary Oncology. <i>Frontiers in Veterinary Science</i> , 2020, 7, 598338.	0.9	9
2270	Current trends, achievements, and prospects of smart nanodevices in the global pharma market. , 2020, , 351-393.		0
2271	Impact of Kidney Function on the Blood Proteome and on Protein Cardiovascular Risk Biomarkers in Patients With Stable Coronary Heart Disease. <i>Journal of the American Heart Association</i> , 2020, 9, e016463.	1.6	24
2272	Engaging Men With BRCA-Related Cancer Risks: Practical Advice for BRCA Risk Management From Male Stakeholders. <i>American Journal of Men's Health</i> , 2020, 14, 155798832092493.	0.7	4
2273	Mapping the Geographic Distribution of Tungiasis in Sub-Saharan Africa. <i>Tropical Medicine and Infectious Disease</i> , 2020, 5, 122.	0.9	19
2274	Advancing Clinical Trials for Inherited Retinal Diseases: Recommendations from the Second Monaciano Symposium. <i>Translational Vision Science and Technology</i> , 2020, 9, 2.	1.1	56
2275	Interaction of Sleep and Cortical Structural Maintenance From an Individual Person Microlongitudinal Perspective and Implications for Precision Medicine Research. <i>Frontiers in Neuroscience</i> , 2020, 14, 769.	1.4	3
2276	Consent and Privacy in the Era of Precision Medicine and Biobanking Genomic Data. <i>American Journal of Law and Medicine</i> , 2020, 46, 167-187.	0.5	3
2277	Genetic Risk of Trigger Finger: Results of a Genomewide Association Study. <i>Plastic and Reconstructive Surgery</i> , 2020, 146, 165e-176e.	0.7	7
2278	Targeted therapy for hepatocellular carcinoma. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 146.	7.1	320
2279	Artificial intelligence for clinical decision support in neurology. <i>Brain Communications</i> , 2020, 2, fcaa096.	1.5	41
2280	The effect of neighborhood social environment on prostate cancer development in black and white men at high risk for prostate cancer. <i>PLoS ONE</i> , 2020, 15, e0237332.	1.1	9
2281	Unraveling the Mystery of Genetics Information for Consumers: Information Professionals and Genetic Health Literacy. <i>Journal of Consumer Health on the Internet</i> , 2020, 24, 293-300.	0.2	1
2282	Citizen science to further precision medicine: from vision to implementation. <i>JAMIA Open</i> , 2020, 3, 2-8.	1.0	24

#	ARTICLE	IF	CITATIONS
2283	Molecular Breast Cancer Imaging in the Era of Precision Medicine. American Journal of Roentgenology, 2020, 215, 1512-1519.	1.0	13
2284	Symptom experience and self-management for multiple co-occurring symptoms in patients with gastric cancer: A qualitative study. European Journal of Oncology Nursing, 2020, 49, 101860.	0.9	14
2285	Application of physical exercise therapies in breast cancer survivors and their effects on the inflammatory profile: A narrative review. Journal of Bodywork and Movement Therapies, 2020, 24, 536-545.	0.5	1
2286	Blood pro-resolving mediators are linked with synovial pathology and are predictive of DMARD responsiveness in rheumatoid arthritis. Nature Communications, 2020, 11, 5420.	5.8	51
2287	Unraveling racial disparities in asthma emergency department visits using electronic healthcare records and machine learning. Journal of Asthma, 2020, , 1-15.	0.9	4
2288	Personalising Outcomes after Child Cardiac Arrest (POCCA): design and recruitment challenges of a multicentre, observational study. BMJ Open, 2020, 10, e039323.	0.8	5
2289	The Brazilian Initiative on Precision Medicine (BIPMed): fostering genomic data-sharing of underrepresented populations. Npj Genomic Medicine, 2020, 5, 42.	1.7	25
2290	Application of metagenomic next-generation sequencing technology for difficult lung lesions in patients with haematological diseases. Translational Cancer Research, 2020, 9, 5245-5254.	0.4	6
2291	Generating evidence for precision medicine: considerations made by the Ubiquitous Pharmacogenomics Consortium when designing and operationalizing the PREPARE study. Pharmacogenetics and Genomics, 2020, 30, 131-144.	0.7	26
2292	Precision medicine in acute myeloid leukemia: where are we now and what does the future hold?. Expert Review of Hematology, 2020, 13, 1057-1065.	1.0	5
2293	“Precision psychiatry”™ needs to become part of “personalized psychiatry”™. Fortschritte Der Neurologie Psychiatrie, 2020, 88, 767-772.	0.3	6
2294	Innovative Molecular and Cellular Therapeutics in Cleft Palate Tissue Engineering. Tissue Engineering - Part B: Reviews, 2021, 27, 215-237.	2.5	17
2295	Improvement of Heterogeneous Transfer Learning Efficiency by Using Hebbian Learning Principle. Applied Sciences (Switzerland), 2020, 10, 5631.	1.3	14
2296	Aiming for Cure and Preventive Initiatives in Psoriatic Disease: Building Synergy at NPF, GRAPPA, and PPACMAN. Current Rheumatology Reports, 2020, 22, 78.	2.1	10
2297	Airmen and health-care providers’™ attitudes toward the use of genomic sequencing in the US Air Force: findings from the MilSeq Project. Genetics in Medicine, 2020, 22, 2003-2010.	1.1	2
2298	Precision, Equity, and Public Health and Epidemiology Informatics – A Scoping Review. Yearbook of Medical Informatics, 2020, 29, 226-230.	0.8	12
2299	Understanding the Interplay Between Health Disparities and Epigenomics. Frontiers in Genetics, 2020, 11, 903.	1.1	37
2300	Circulating Tumour DNAs and Non-Coding RNAs as Liquid Biopsies for the Management of Colorectal Cancer Patients. Gastrointestinal Disorders, 2020, 2, 212-235.	0.4	7

#	ARTICLE	IF	CITATIONS
2301	Nuances to precision dosing strategies of targeted cancer medicines. <i>Pharmacology Research and Perspectives</i> , 2020, 8, e00625.	1.1	9
2302	Just data? Solidarity and justice in data-driven medicine. <i>Life Sciences, Society and Policy</i> , 2020, 16, 8.	3.1	19
2303	Solving the Puzzle to Lasting Impact of the National Diabetes Prevention Program. <i>Diabetes Care</i> , 2020, 43, 1994-1996.	4.3	9
2304	Engineering Person-Specific Behavioral Interventions to Promote Physical Activity. <i>Exercise and Sport Sciences Reviews</i> , 2020, 48, 170-179.	1.6	21
2305	Leveraging genetic ancestry to study health disparities. <i>American Journal of Physical Anthropology</i> , 2021, 175, 363-375.	2.1	29
2306	Advanced Exercise Prescription for Cancer Patients and its Application in Germany. <i>Journal of Science in Sport and Exercise</i> , 2020, 2, 201-214.	0.4	3
2307	Pharmacist's attitudes and knowledge of pharmacogenomics and the factors that may predict future engagement. <i>Pharmacy Practice</i> , 2020, 18, 2008.	0.8	10
2309	Impact of Sampling Period on Population Pharmacokinetic Analysis of Antibiotics: Why do You Take Blood Samples Following the Fourth Dose?. <i>Pharmaceuticals</i> , 2020, 13, 249.	1.7	1
2310	The Role of Biologics and Precision-Based Medicine in Treating Atopic Diseases in Children. <i>Current Treatment Options in Allergy</i> , 2020, 7, 312-325.	0.9	0
2311	3D Printing-Enabled DNA Extraction for Long-Read Genomics. <i>ACS Omega</i> , 2020, 5, 20817-20824.	1.6	10
2312	Precision Health and Nursing: Seeing the Familiar in the Foreign. <i>Canadian Journal of Nursing Research</i> , 2020, 52, 199-208.	0.6	7
2313	Excision Repair Cross Complementation Group 1 Single Nucleotide Polymorphisms and Nivolumab in Advanced Non-Small Cell Lung Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 1167.	1.3	8
2314	<p><p>Current Perspectives on the Impact of the National Diabetes Prevention Program: Building on Successes and Overcoming Challenges</p><p><p>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2020, Volume 13, 2949-2957.	1.1	33
2315	Precision Nephrology Is a Non-Negligible State of Mind in Clinical Research: Remember the Past to Face the Future. <i>Nephron</i> , 2020, 144, 463-478.	0.9	16
2316	Genetic feedback for psychiatric conditions: Where are we now and where are we going. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2020, 183, 423-432.	1.1	19
2317	The crossroads of digital phenotyping. <i>General Hospital Psychiatry</i> , 2022, 74, 126-132.	1.2	11
2318	â€œThe ultimate risk:â€•How clinicians assess the value and meaning of genetic data in cardiology. <i>Clinical Ethics</i> , 2020, 16, 147775092095956.	0.5	1
2319	A Digital Innovation for the Personalized Management of Adherence: Analysis of Strengths, Weaknesses, Opportunities, and Threats. <i>Frontiers in Medical Technology</i> , 2020, 2, 604183.	1.3	3

#	ARTICLE	IF	CITATIONS
2320	Rate of change in investigational treatment options: An analysis of reports from a large precision oncology decision support effort. <i>International Journal of Medical Informatics</i> , 2020, 143, 104261.	1.6	3
2321	An investigation of the consumer's trusting mechanism in emerging healthcare technology. <i>Industrial Management and Data Systems</i> , 2020, 121, 290-311.	2.2	3
2322	Towards precise resting-state fMRI biomarkers in psychiatry: synthesizing developments in transdiagnostic research, dimensional models of psychopathology, and normative neurodevelopment. <i>Current Opinion in Neurobiology</i> , 2020, 65, 120-128.	2.0	62
2323	Searching for Imaging Biomarkers of Psychotic Dysconnectivity. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 1135-1144.	1.1	2
2324	Preferences for Accessing Electronic Health Records for Research Purposes: Views of Parents Who Have a Child With a Known or Suspected Genetic Condition. <i>Value in Health</i> , 2020, 23, 1639-1652.	0.1	4
2325	A perspective on the use of ecological momentary assessment and intervention to promote stroke recovery and rehabilitation. <i>Topics in Stroke Rehabilitation</i> , 2021, 28, 594-605.	1.0	14
2326	Translating Cancer Risk Prediction Models into Personalized Cancer Risk Assessment Tools: Stumbling Blocks and Strategies for Success. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 2389-2394.	1.1	16
2327	Variable selection in social-environmental data: sparse regression and tree ensemble machine learning approaches. <i>BMC Medical Research Methodology</i> , 2020, 20, 302.	1.4	2
2328	An Automated Functional Annotation Pipeline That Rapidly Prioritizes Clinically Relevant Genes for Autism Spectrum Disorder. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9029.	1.8	1
2329	Clinical pharmacology applications in clinical drug development and clinical care: A focus on Saudi Arabia. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 1217-1227.	1.2	9
2330	Mending Disconnects in Cancer Care: Setting an Agenda for Research, Practice, and Policy. <i>JCO Clinical Cancer Informatics</i> , 2020, 4, 539-546.	1.0	15
2331	Radiomics: an overview in lung cancer management—a narrative review. <i>Annals of Translational Medicine</i> , 2020, 8, 1191-1191.	0.7	18
2332	Clinical and molecular distinctions in patients with refractory colon cancer who benefit from regorafenib treatment. <i>Therapeutic Advances in Medical Oncology</i> , 2020, 12, 175883592096584.	1.4	8
2333	Artificial Intelligence (AI)-Based Systems Biology Approaches in Multi-Omics Data Analysis of Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 588221.	1.3	59
2334	Classifying non-small cell lung cancer types and transcriptomic subtypes using convolutional neural networks. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020, 27, 757-769.	2.2	69
2335	On using electronic health records to improve optimal treatment rules in randomized trials. <i>Biometrics</i> , 2020, 76, 1075-1086.	0.8	2
2336	Personalized Medicine, Disruptive Innovation, and "Trailblazer" Guidelines: Case Study and Theorization of an Unsuccessful Change Effort. <i>Milbank Quarterly</i> , 2020, 98, 581-617.	2.1	17
2337	A Personalized Multiscale Modeling Framework for Dose Selection in Precision Medicine. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 9819-9829.	1.8	0

#	ARTICLE	IF	CITATIONS
2338	Public Attitudes Toward Precision Medicine: A Nationwide Survey on Developing a National Cohort Program for Citizen Participation in the Republic of Korea. <i>Frontiers in Genetics</i> , 2020, 11, 283.	1.1	7
2339	Multiplex bioimaging of single-cell spatial profiles for precision cancer diagnostics and therapeutics. <i>Npj Precision Oncology</i> , 2020, 4, 11.	2.3	53
2340	Targeted sequencing reveals the mutational landscape responsible for sorafenib therapy in advanced hepatocellular carcinoma. <i>Theranostics</i> , 2020, 10, 5384-5397.	4.6	15
2341	Validity and utility of Hierarchical Taxonomy of Psychopathology (HiTOP): I. Psychosis superspectrum. <i>World Psychiatry</i> , 2020, 19, 151-172.	4.8	154
2342	Limitations of Contemporary Guidelines for Managing Patients at High Genetic Risk of Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2020, 75, 2769-2780.	1.2	88
2343	Seasonal effects on bipolar disorder: A closer look. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 115, 199-219.	2.9	19
2344	Disentangling of the ecotoxicological signal using "omics" analyses, a lesson from the survey of the impact of cyanobacterial proliferations on fishes. <i>Science of the Total Environment</i> , 2020, 736, 139701.	3.9	10
2345	The interface of genomic information with the electronic health record: a points to consider statement of the American College of Medical Genetics and Genomics (ACMG). <i>Genetics in Medicine</i> , 2020, 22, 1431-1436.	1.1	28
2346	Heritable modifiers of the tumor microenvironment influence nanoparticle uptake, distribution and response to photothermal therapy. <i>Theranostics</i> , 2020, 10, 5368-5383.	4.6	15
2347	Broader Implications of Modeling and Simulation (M&S) Tools in Pharmacotherapeutic Decisions: A Cautionary Optimism. <i>Frontiers in Pharmacology</i> , 2020, 11, 571.	1.6	1
2348	Longitudinal analysis reveals transition barriers between dominant ecological states in the gut microbiome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 13839-13845.	3.3	47
2349	NTRK Fusions, from the Diagnostic Algorithm to Innovative Treatment in the Era of Precision Medicine. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3718.	1.8	39
2350	Depth importance in precision medicine (DIPM): a tree- and forest-based method for right-censored survival outcomes. <i>Biostatistics</i> , 2022, 23, 157-172.	0.9	3
2351	A computational model tracks whole-lung <i>Mycobacterium tuberculosis</i> infection and predicts factors that inhibit dissemination. <i>PLoS Computational Biology</i> , 2020, 16, e1007280.	1.5	21
2352	Assessing reproducibility and veracity across machine learning techniques in biomedicine: A case study using TCGA data. <i>International Journal of Medical Informatics</i> , 2020, 141, 104148.	1.6	10
2353	A structural variation reference for medical and population genetics. <i>Nature</i> , 2020, 581, 444-451.	13.7	614
2354	Precision education with statistical learning and deep learning: a case study in Taiwan. <i>International Journal of Educational Technology in Higher Education</i> , 2020, 17, .	4.5	45
2355	Software Tools for Model-Informed Precision Dosing: How Well Do They Satisfy the Needs?. <i>Frontiers in Pharmacology</i> , 2020, 11, 620.	1.6	62

#	ARTICLE	IF	CITATIONS
2356	Clinical implementation of pharmacogenetics and model-informed precision dosing to improve patient care. <i>British Journal of Clinical Pharmacology</i> , 2022, 88, 1418-1426.	1.1	21
2357	Platelet function/reactivity testing and prediction of risk of recurrent vascular events and outcomes after TIA or ischaemic stroke: systematic review and meta-analysis. <i>Journal of Neurology</i> , 2020, 267, 3021-3037.	1.8	16
2358	Multi-voxel pattern analysis of amygdala functional connectivity at rest predicts variability in posttraumatic stress severity. <i>Brain and Behavior</i> , 2020, 10, e01707.	1.0	11
2359	Evaluating individual genome similarity with a topic model. <i>Bioinformatics</i> , 2020, 36, 4757-4764.	1.8	1
2360	Recent advances of HCI in decision-making tasks for optimized clinical workflows and precision medicine. <i>Journal of Biomedical Informatics</i> , 2020, 108, 103479.	2.5	56
2361	The Project Baseline Health Study: a step towards a broader mission to map human health. <i>Npj Digital Medicine</i> , 2020, 3, 84.	5.7	38
2362	Analysis of MRI Data in Diagnostic Neuroradiology. <i>Annual Review of Biomedical Data Science</i> , 2020, 3, 365-390.	2.8	5
2363	The State of the Science in Patient-Reported Outcomes for Patients with Lung Cancer. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2020, 41, 377-385.	0.8	8
2364	Multi-Modal Stacked Denoising Autoencoder for Handling Missing Data in Healthcare Big Data. <i>IEEE Access</i> , 2020, 8, 104933-104943.	2.6	32
2365	Participatory Design of a Personalized Genetic Risk Tool to Promote Behavioral Health. <i>Cancer Prevention Research</i> , 2020, 13, 583-592.	0.7	6
2366	Multidisciplinary therapy strategy of precision medicine in clinical practice. <i>Clinical and Translational Medicine</i> , 2020, 10, 116-124.	1.7	19
2367	New biomarkers in non-Hodgkin lymphoma and acute leukemias. <i>Advances in Clinical Chemistry</i> , 2020, 96, 19-53.	1.8	5
2368	Drug-internalized bacterial swimmers for magnetically manipulable tumor-targeted drug delivery. <i>Nanoscale</i> , 2020, 12, 13513-13522.	2.8	11
2369	PRISM: A Platform for Imaging in Precision Medicine. <i>JCO Clinical Cancer Informatics</i> , 2020, 4, 491-499.	1.0	16
2370	Towards an Individual Differences Perspective in Mindfulness Training Research: Theoretical and Empirical Considerations. <i>Frontiers in Psychology</i> , 2020, 11, 818.	1.1	32
2372	Inflammasomes as contributors to periodontal disease. <i>Journal of Periodontology</i> , 2020, 91, S6-S11.	1.7	9
2373	Dataset of segmented nuclei in hematoxylin and eosin stained histopathology images of ten cancer types. <i>Scientific Data</i> , 2020, 7, 185.	2.4	38
2374	Precision Genomic Practice in Oncology: Pharmacist Role and Experience in an Ambulatory Care Clinic. <i>Pharmacy (Basel, Switzerland)</i> , 2020, 8, 32.	0.6	4

#	ARTICLE	IF	CITATIONS
2375	OncoMX: A Knowledgebase for Exploring Cancer Biomarkers in the Context of Related Cancer and Healthy Data. <i>JCO Clinical Cancer Informatics</i> , 2020, 4, 210-220.	1.0	30
2376	International consortium for personalized medicine: an international survey about the future of personalized medicine. <i>Personalized Medicine</i> , 2020, 17, 89-100.	0.8	16
2377	Examining the Relationship Between Weight Gain Trajectories and Pain Interference During Transitions from Adolescence to Adulthood: Informing Prevention and Intervention Strategies. <i>Pain Medicine</i> , 2020, 21, 435-436.	0.9	0
2378	Health Economics Tools and Precision Medicine: Opportunities and Challenges. <i>Forum for Health Economics and Policy</i> , 2020, 23, .	0.2	8
2380	Investigation on the Genomic Characterization of Uterine Sarcoma for rAd- <i>p53</i> Combined with Chemotherapy Treatment. <i>Human Gene Therapy</i> , 2020, 31, 881-890.	1.4	3
2381	The Steps to Therapeutic Drug Monitoring: A Structured Approach Illustrated With Imatinib. <i>Frontiers in Pharmacology</i> , 2020, 11, 177.	1.6	59
2382	Combined Chibby and β -Catenin Predicts Clinical Outcomes in Patients with Hepatocellular Carcinoma. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2060.	1.8	5
2383	Precision medicine " networks to the rescue. <i>Current Opinion in Biotechnology</i> , 2020, 63, 177-189.	3.3	30
2384	Mining health knowledge graph for health risk prediction. <i>World Wide Web</i> , 2020, 23, 2341-2362.	2.7	24
2385	Progress in hepatectomy for hepatocellular carcinoma and peri-operation management. <i>Genes and Diseases</i> , 2020, 7, 320-327.	1.5	10
2386	Neuroprotective and neurotoxic outcomes of androgens and estrogens in an oxidative stress environment. <i>Biology of Sex Differences</i> , 2020, 11, 12.	1.8	34
2387	Differentiation of Urine-Derived Induced Pluripotent Stem Cells to Neurons, Astrocytes, and Microvascular Endothelial Cells from a Diabetic Patient. <i>Cellular Reprogramming</i> , 2020, 22, 147-155.	0.5	2
2388	A mountable toilet system for personalized health monitoring via the analysis of excreta. <i>Nature Biomedical Engineering</i> , 2020, 4, 624-635.	11.6	112
2389	The "Digital Twin"™ to enable the vision of precision cardiology. <i>European Heart Journal</i> , 2020, 41, 4556-4564.	1.0	319
2390	Assessment of healthcare professionals' knowledge, attitudes, and perceived challenges of clinical pharmacogenetic testing in Egypt. <i>Personalized Medicine</i> , 2020, 17, 251-260.	0.8	28
2391	EdgeMediChain: A Hybrid Edge Blockchain-Based Framework for Health Data Exchange. <i>IEEE Access</i> , 2020, 8, 113467-113486.	2.6	77
2392	Wonton-like nanoparticles with dual enzyme-mimetic function for the multiple-imaging-guided cancer combined therapy. <i>Chemical Engineering Journal</i> , 2020, 401, 126054.	6.6	16
2393	Theoretical frameworks of individual differences in interventions. , 2020, , 1-13.		1

#	ARTICLE	IF	CITATIONS
2394	Consensus recommendations of three-dimensional visualization for diagnosis and management of liver diseases. <i>Hepatology International</i> , 2020, 14, 437-453.	1.9	68
2395	Galgo: a bi-objective evolutionary meta-heuristic identifies robust transcriptomic classifiers associated with patient outcome across multiple cancer types. <i>Bioinformatics</i> , 2020, 36, 5037-5044.	1.8	1
2396	The New Proactive Approach and Precision Medicine in Crohn's Disease. <i>Biomedicines</i> , 2020, 8, 193.	1.4	10
2397	P.321 Developing a digital decision support system for an early estimation of treatment response in depression. <i>European Neuropsychopharmacology</i> , 2020, 31, S62.	0.3	0
2398	Rare Genetic Diseases: Nature's Experiments on Human Development. <i>IScience</i> , 2020, 23, 101123.	1.9	35
2399	Light-assisted and remote delivery of carbon monoxide to malignant cells and tissues: Photochemotherapy in the spotlight. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2020, 42, 100341.	5.6	33
2400	Update on Circulating Tumor Cells in Genitourinary Tumors with Focus on Prostate Cancer. <i>Cells</i> , 2020, 9, 1495.	1.8	8
2401	Identification of cardiovascular and molecular prognostic factors for the medium-term and long-term outcomes of sepsis (ICROS): protocol for a prospective monocentric cohort study. <i>BMJ Open</i> , 2020, 10, e036527.	0.8	10
2402	Information Sources Used by Oncologists to Understand Multi-marker Tumor Panel Tests for Cancer Patients. <i>Journal of Cancer Education</i> , 2021, 36, 1105-1114.	0.6	2
2404	The promise of big data for precision population health management in the US. <i>Public Health</i> , 2020, 185, 110-116.	1.4	12
2405	Relationship Between the Gut Microbiome and Systemic Chemotherapy. <i>Digestive Diseases and Sciences</i> , 2020, 65, 874-884.	1.1	35
2406	Mouse Systems Genetics as a Prelude to Precision Medicine. <i>Trends in Genetics</i> , 2020, 36, 259-272.	2.9	41
2407	Quantitative trait variation in ASD probands and toddler sibling outcomes at 24 months. <i>Journal of Neurodevelopmental Disorders</i> , 2020, 12, 5.	1.5	18
2408	An overview of precision oncology basket and umbrella trials for clinicians. <i>Ca-A Cancer Journal for Clinicians</i> , 2020, 70, 125-137.	157.7	116
2409	Comprehensive characterization of the phosphoproteome of gastric cancer from endoscopic biopsy specimens. <i>Theranostics</i> , 2020, 10, 2115-2129.	4.6	20
2410	"Hunting Down My Son's Killer": New Roles of Patients in Treatment Discovery and Ethical Uncertainty. <i>Journal of Bioethical Inquiry</i> , 2020, 17, 37-47.	0.9	2
2411	Violence, Trauma, and Trauma Surgery. , 2020, , .		1
2412	Validity of a Functional Assessment for Smoking Treatment Recommendations Questionnaire. <i>Psychological Record</i> , 2020, 70, 215-226.	0.6	6

#	ARTICLE	IF	CITATIONS
2413	Optical nanosensors for <i>in vivo</i> physiological chloride detection for monitoring cystic fibrosis treatment. <i>Analytical Methods</i> , 2020, 12, 1441-1448.	1.3	10
2414	The promise of precision: datafication in medicine, agriculture and education. <i>Policy Studies</i> , 2020, 41, 527-546.	1.1	34
2415	The Growing Impact of Micro/Nanomaterial-Based Systems in Precision Oncology: Translating "Multiomics" Technologies. <i>Advanced Functional Materials</i> , 2020, 30, 1909306.	7.8	25
2416	Relationships of health information orientation and cancer history on preferences for consent and control over biospecimens in a biobank: A race-stratified analysis. <i>Journal of Genetic Counseling</i> , 2020, 29, 479-490.	0.9	1
2417	Personalized Models of Psychopathology. <i>Annual Review of Clinical Psychology</i> , 2020, 16, 49-74.	6.3	136
2418	Improvement in predicting drug sensitivity changes associated with protein mutations using a molecular dynamics based alchemical mutation method. <i>Scientific Reports</i> , 2020, 10, 2161.	1.6	7
2419	Structural racism in precision medicine: leaving no one behind. <i>BMC Medical Ethics</i> , 2020, 21, 17.	1.0	63
2420	Clinical implementation of pharmacogenomics via a health system-wide research biobank: the University of Colorado experience. <i>Pharmacogenomics</i> , 2020, 21, 375-386.	0.6	37
2421	Engineering Microphysiological Immune System Responses on Chips. <i>Trends in Biotechnology</i> , 2020, 38, 857-872.	4.9	45
2422	Three-dimensional <i>in vitro</i> cell culture devices using patient-derived cells for high-throughput screening of drug combinations. <i>Medical Devices & Sensors</i> , 2020, 3, e10067.	2.7	4
2423	Clinical Genome Data Model (cGDM) provides Interactive Clinical Decision Support for Precision Medicine. <i>Scientific Reports</i> , 2020, 10, 1414.	1.6	10
2424	Precision cardiovascular medicine: artificial intelligence and epigenetics for the pathogenesis and prediction of coarctation in neonates. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2022, 35, 457-464.	0.7	24
2425	Examining Users'™ Adoption of Precision Medicine: The Moderating Role of Medical Technical Knowledge. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1113.	1.2	5
2427	High throughput lipid profiling for subtype classification of hepatocellular carcinoma cell lines and tumor tissues. <i>Analytica Chimica Acta</i> , 2020, 1107, 92-100.	2.6	9
2428	The Future of Precision Oncology for the Treatment of Solid Tumors. <i>Clinical Pharmacology and Therapeutics</i> , 2020, 108, 416-418.	2.3	1
2429	Precision medicine in Parkinson's™ disease: emerging treatments for genetic Parkinson's™ disease. <i>Journal of Neurology</i> , 2020, 267, 860-869.	1.8	68
2430	Testing individual baroreflex responses to hypoxia-induced peripheral chemoreflex stimulation. <i>Clinical Autonomic Research</i> , 2020, 30, 531-540.	1.4	3
2431	Precision Medicine Informatics: Principles, Prospects, and Challenges. <i>IEEE Access</i> , 2020, 8, 13593-13612.	2.6	26

#	ARTICLE	IF	CITATIONS
2432	Measuring attentional bias to food cues in young children using a visual search task: An eye-tracking study. <i>Appetite</i> , 2020, 148, 104610.	1.8	15
2433	Multikernel linear mixed model with adaptive lasso for complex phenotype prediction. <i>Statistics in Medicine</i> , 2020, 39, 1311-1327.	0.8	9
2434	Genetics of Parkinson's disease: An introspection of its journey towards precision medicine. <i>Neurobiology of Disease</i> , 2020, 137, 104782.	2.1	241
2435	Identifying PTSD symptom typologies: A latent class analysis. <i>Psychiatry Research</i> , 2020, 285, 112779.	1.7	22
2436	Optimal sampling in derivation studies was associated with improved discrimination in external validation for heart failure prognostic models. <i>Journal of Clinical Epidemiology</i> , 2020, 121, 71-80.	2.4	4
2437	Individualized inference through fusion learning. <i>Wiley Interdisciplinary Reviews: Computational Statistics</i> , 2020, 12, e1498.	2.1	2
2438	Metabolomics in pharmacology - a delve into the novel field of pharmacometabolomics. <i>Expert Review of Clinical Pharmacology</i> , 2020, 13, 115-134.	1.3	23
2439	Medical data sharing. , 2020, , 67-104.		3
2440	Personalized precision medicineâ€”Part A: Concepts and relevance in Mendelian disorders. , 2020, , 227-257.		0
2441	Approach to High Volume Enrollment in Clinical Research: Experiences from an All of Us Research Program Site. <i>Clinical and Translational Science</i> , 2020, 13, 685-692.	1.5	7
2442	Automated Sample Storage in Biobanking to Enhance Translational Research: The Bumpy Road to Implementation. <i>Frontiers in Medicine</i> , 2019, 6, 309.	1.2	7
2443	Palliative care: not only for treating symptoms: a case report. <i>Tumori</i> , 2020, 106, NP1-NP4.	0.6	1
2444	A Network-Based Approach for Identification of Subtype-Specific Master Regulators in Pancreatic Ductal Adenocarcinoma. <i>Genes</i> , 2020, 11, 155.	1.0	8
2445	Use of empiric methods to inform prostate cancer health disparities: Comparison of neighborhoodâ€”wide association study â€œhitsâ€”in black and white men. <i>Cancer</i> , 2020, 126, 1949-1957.	2.0	10
2446	Precision Health: The Role of the Social and Behavioral Sciences in Advancing the Vision. <i>Annals of Behavioral Medicine</i> , 2020, 54, 805-826.	1.7	89
2447	Statistical Methods in Genome-Wide Association Studies. <i>Annual Review of Biomedical Data Science</i> , 2020, 3, 265-288.	2.8	6
2448	Protecting Participants in Genomic Research: Understanding the â€œWeb of Protectionsâ€”Afforded by Federal and State Law. <i>Journal of Law, Medicine and Ethics</i> , 2020, 48, 126-141.	0.4	4
2449	Informing Patient-Centered Care Through Stakeholder Engagement and Highly Stratified Quantitative Benefitâ€”Harm Assessments. <i>Value in Health</i> , 2020, 23, 616-624.	0.1	9

#	ARTICLE	IF	CITATIONS
2450	Identifying Molecular Biomarkers for Diseases With Machine Learning Based on Integrative Omics. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 2514-2525.	1.9	20
2451	Human Organ-Specific 3D Cancer Models Produced by the Stromal Self-Assembly Method of Tissue Engineering for the Study of Solid Tumors. BioMed Research International, 2020, 2020, 1-23.	0.9	28
2452	Precision Dosing Priority Criteria: Drug, Disease, and Patient Population Variables. Frontiers in Pharmacology, 2020, 11, 420.	1.6	45
2453	Sport and exercise genomics: the FIMS 2019 consensus statement update. British Journal of Sports Medicine, 2020, 54, 969-975.	3.1	37
2454	Implications of secondary findings for clinical contexts. , 2020, , 155-201.		2
2455	Machine learning systems and precision medicine: A conceptual and experimental approach to single individual statistics. , 2020, , 91-119.		0
2456	Data mining to transform clinical and translational research findings into precision health. , 2020, , 149-173.		2
2457	Predictive models in precision medicine. , 2020, , 177-188.		1
2458	Reinventing polysomnography in the age of precision medicine. Sleep Medicine Reviews, 2020, 52, 101313.	3.8	57
2459	Personalized Medicine in Infertile Men. Urologic Clinics of North America, 2020, 47, 245-255.	0.8	11
2460	Lifestyle, genomic types and non-communicable diseases in Korea: a protocol for the Korean Medicine Daejeon Citizen Cohort study (KDCC). BMJ Open, 2020, 10, e034499.	0.8	17
2461	Diet and long-term weight loss: what can we learn from our gut microbes?. American Journal of Clinical Nutrition, 2020, 111, 1121-1123.	2.2	3
2462	Prospective associations between parental substance use and youth highly processed food intake in the Fragile Families and Child Wellbeing Study. Drug and Alcohol Dependence, 2020, 211, 107965.	1.6	5
2463	Synergistic drug combinations for a precision medicine approach to interstitial glioblastoma therapy. Journal of Controlled Release, 2020, 323, 282-292.	4.8	28
2464	Applications of personalised signalling network models in precision oncology. , 2020, 212, 107555.		14
2465	Biobanking for Genomic and Personalized Health Research: Participant Perceptions and Preferences. Biopreservation and Biobanking, 2020, 18, 204-212.	0.5	15
2466	In Different Voices: The Views of People with Disabilities about Return of Results from Precision Medicine Research. Public Health Genomics, 2020, 23, 42-53.	0.6	15
2467	Complexity in Clinical Trials: Blind Spots, Misleading Criteria, Winners and Losers. Clinical Cancer Drugs, 2020, 7, 3-15.	0.3	2

#	ARTICLE	IF	CITATIONS
2468	Differences in serum proteins in traditional Chinese medicine constitutional population: Analysis and verification. <i>Journal of Leukocyte Biology</i> , 2020, 108, 547-557.	1.5	3
2469	The <scp>ENIGMA</scp> Stroke Recovery Working Group: Big data neuroimaging to study brainâ€ behavior relationships after stroke. <i>Human Brain Mapping</i> , 2022, 43, 129-148.	1.9	54
2470	Clinically relevant pharmacogenetic markers in Tatars and Balkars. <i>Molecular Biology Reports</i> , 2020, 47, 3377-3387.	1.0	3
2471	Use of artificial intelligence in precision nutrition and fitness. , 2020, , 465-496.		17
2472	Towards a new framework of personalized psychological interventions to improve intergroup relations and promote peace. <i>Social and Personality Psychology Compass</i> , 2020, 14, 255-270.	2.0	16
2473	Population Screening for Inherited Predisposition to Breast and Ovarian Cancer. <i>Annual Review of Genomics and Human Genetics</i> , 2020, 21, 373-412.	2.5	31
2474	ctDNA Detection in Microfluidic Platform: A Promising Biomarker for Personalized Cancer Chemotherapy. <i>Journal of Sensors</i> , 2020, 2020, 1-10.	0.6	11
2475	Return of Research-Related Genetic Test Results and Genetic Discrimination Concerns: Facilitators and Barriers of Genetic Research Participation in Diverse Groups. <i>Public Health Genomics</i> , 2020, 23, 59-68.	0.6	14
2476	Toward Reducing Health Information Inequities in the Caribbean: Our Experience Building a Participatory Health Informatics Project. <i>Ethnicity and Disease</i> , 2020, 30, 193-202.	1.0	2
2477	<p>On the Role of Artificial Intelligence in Genomics to Enhance Precision Medicine</p>. <i>Pharmacogenomics and Personalized Medicine</i> , 2020, Volume 13, 105-119.	0.4	10
2478	A Path Toward Precision Medicine for Neuroinflammatory Mechanisms in Alzheimer's Disease. <i>Frontiers in Immunology</i> , 2020, 11, 456.	2.2	201
2479	Precision and personalized assessment, diagnosis and treatment in psychiatry. <i>CNS Spectrums</i> , 2021, 26, 326-332.	0.7	8
2480	A Deep Learning-Based Data Minimization Algorithm for Fast and Secure Transfer of Big Genomic Datasets. <i>IEEE Transactions on Big Data</i> , 2021, 7, 271-284.	4.4	9
2481	GenoPheno: cataloging large-scale phenotypic and next-generation sequencing data within human datasets. <i>Briefings in Bioinformatics</i> , 2021, 22, 55-65.	3.2	8
2482	Progress in Nanorobotics for Advancing Biomedicine. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 130-147.	2.5	32
2483	Priority of Risk (But Not Perceived Magnitude of Risk) Predicts Improved Sun-Protection Behavior Following Genetic Counseling for Familial Melanoma. <i>Annals of Behavioral Medicine</i> , 2021, 55, 24-40.	1.7	3
2484	Predicting self-reported depression after the onset of multiple sclerosis using genetic and non-genetic factors. <i>Multiple Sclerosis Journal</i> , 2021, 27, 603-612.	1.4	7
2485	Pathology Laboratory Policies and Procedures for Releasing Diagnostic Tissue for Cancer Research. <i>Archives of Pathology and Laboratory Medicine</i> , 2021, 145, 222-226.	1.2	2

#	ARTICLE	IF	CITATIONS
2486	The road towards data integration in human genomics: players, steps and interactions. Briefings in Bioinformatics, 2021, 22, 30-44.	3.2	22
2487	Assessing Stakeholder Perceptions of the Utility of Genetic Information for the Clinical Care of Mental Health Disorders: We Have a Will but Need to See the Way. Administration and Policy in Mental Health and Mental Health Services Research, 2021, 48, 363-376.	1.2	2
2488	Inter-individual differences in the responses to aerobic exercise in Alzheimer's disease: Findings from the FIT-AD trial. Journal of Sport and Health Science, 2021, 10, 65-72.	3.3	17
2489	Role of cancer stem cell markers ALDH1, BCL11B, BMI-1, and CD44 in the prognosis of advanced HNSCC. Strahlentherapie Und Onkologie, 2021, 197, 231-245.	1.0	26
2490	Turning liabilities into opportunities: Off-target based drug repurposing in cancer. Seminars in Cancer Biology, 2021, 68, 209-229.	4.3	39
2491	Approaching intellectual property scholarship differently: A qualitative research review and agenda. Science and Public Policy, 2021, 47, 627-637.	1.2	1
2492	Improved Doubly Robust Estimation in Learning Optimal Individualized Treatment Rules. Journal of the American Statistical Association, 2021, 116, 283-294.	1.8	9
2493	Affective response to physical activity as an intermediate phenotype. Social Science and Medicine, 2021, 271, 112038.	1.8	6
2494	A robust computational pipeline for model-based and data-driven phenotype clustering. Bioinformatics, 2021, 37, 1269-1277.	1.8	3
2495	Epigenetic Changes Associated With Anthracycline-Induced Cardiotoxicity. Clinical and Translational Science, 2021, 14, 36-46.	1.5	13
2496	Defining the Skin Cellular Community Using Single-Cell Genomics to Advance Precision Medicine. Journal of Investigative Dermatology, 2021, 141, 255-264.	0.3	16
2497	Synergic deep learning based preoperative metric prediction and patient oriented payment model for total hip arthroplasty. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 6515-6525.	3.3	3
2498	Risk of major adverse cardiovascular events of <i>CYP2C19</i> loss-of-function genotype guided prasugrel/ticagrelor vs clopidogrel therapy for acute coronary syndrome patients undergoing percutaneous coronary intervention: a meta-analysis. Platelets, 2021, 32, 591-600.	1.1	22
2499	Opportunities, Pitfalls, and Alternatives in Adapting Electronic Health Records for Health Services Research. Medical Decision Making, 2021, 41, 133-142.	1.2	21
2500	Global distribution of CYP2C19 risk phenotypes affecting safety and effectiveness of medications. Pharmacogenomics Journal, 2021, 21, 190-199.	0.9	13
2501	Let's Talk About Sex" Biological Sex Is Underreported in Biomaterial Studies. Advanced Healthcare Materials, 2021, 10, e2001034.	3.9	26
2502	A review on additive manufacturing of polymers composites. Materials Today: Proceedings, 2021, 44, 4150-4157.	0.9	31
2503	Poverty and Targeted Immunotherapy: Survival in Children's Oncology Group Clinical Trials for High-Risk Neuroblastoma. Journal of the National Cancer Institute, 2021, 113, 282-291.	3.0	33

#	ARTICLE	IF	CITATIONS
2504	Venom peptides in cancer therapy: An updated review on cellular and molecular aspects. <i>Pharmacological Research</i> , 2021, 164, 105327.	3.1	16
2505	Multiplatform Approach for Plasma Proteomics: Complementarity of Olink Proximity Extension Assay Technology to Mass Spectrometry-Based Protein Profiling. <i>Journal of Proteome Research</i> , 2021, 20, 751-762.	1.8	100
2506	Engineering precision nanoparticles for drug delivery. <i>Nature Reviews Drug Discovery</i> , 2021, 20, 101-124.	21.5	3,154
2508	Do current radical innovation measures actually measure radical drug innovation?. <i>Scientometrics</i> , 2021, 126, 1049-1078.	1.6	3
2509	Molecular Profiling of Exceptional Responders to Cancer Therapy. <i>Oncologist</i> , 2021, 26, 186-195.	1.9	15
2510	Human-induced pluripotent stem cells as models for rare cardiovascular diseases: from evidence-based medicine to precision medicine. <i>Pflugers Archiv European Journal of Physiology</i> , 2021, 473, 1151-1165.	1.3	13
2511	Advancing Imaging to Enhance Surgery. <i>Neurosurgery Clinics of North America</i> , 2021, 32, 31-46.	0.8	7
2512	Noninvasive biomarkers for prediction and diagnosis of heart transplantation rejection. <i>Transplantation Reviews</i> , 2021, 35, 100590.	1.2	11
2513	Identifying subtypes of trichotillomania (hair pulling disorder) and excoriation (skin picking) disorder using mixture modeling in a multicenter sample. <i>Journal of Psychiatric Research</i> , 2021, 137, 603-612.	1.5	25
2514	Rationale and design of the Kidney Precision Medicine Project. <i>Kidney International</i> , 2021, 99, 498-510.	2.6	94
2515	Aging-related modifications to G protein-coupled receptor signaling diversity. , 2021, 223, 107793.		12
2516	The growing role of precision medicine for the treatment of autoimmune diseases; results of a systematic review of literature and Expertsâ€™ Consensus. <i>Autoimmunity Reviews</i> , 2021, 20, 102738.	2.5	38
2517	Blueprint for cancer research: Critical gaps and opportunities. <i>Ca-A Cancer Journal for Clinicians</i> , 2021, 71, 107-139.	157.7	47
2518	Researcher Knowledge, Attitudes, and Communication Practices for Genomic Data Sharing. <i>Journal of Empirical Research on Human Research Ethics</i> , 2021, 16, 125-137.	0.6	2
2519	Probiotics for Parkinson's disease: Current evidence and future directions. <i>JGH Open</i> , 2021, 5, 414-419.	0.7	41
2520	Diagnostic reasoning in internal medicine: a practical reappraisal. <i>Internal and Emergency Medicine</i> , 2021, 16, 273-279.	1.0	12
2521	A pilot study on amygdala volumetric changes among young adults with childhood maltreatment histories after a mindfulness intervention. <i>Behavioural Brain Research</i> , 2021, 399, 113023.	1.2	8
2522	Is It Time for Precision Dialysis?. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2021, 16, 316-318.	2.2	4

#	ARTICLE	IF	CITATIONS
2523	Interactive Process Mining in Healthcare. Computers in Health Care, 2021, , .	0.2	19
2524	Coronary artery disease detection using artificial intelligence techniques: A survey of trends, geographical differences and diagnostic features 1991â€“2020. Computers in Biology and Medicine, 2021, 128, 104095.	3.9	55
2525	Exons as units of phenotypic impact for truncating mutations in autism. Molecular Psychiatry, 2021, 26, 1685-1695.	4.1	8
2526	The evolution of patient-specific precision biomarkers to guide personalized heart-transplant care. Expert Review of Precision Medicine and Drug Development, 2021, 6, 51-63.	0.4	8
2527	Applications of Deep Learning and Fuzzy Systems to Detect Cancer Mortality in Next-Generation Genomic Data. IEEE Transactions on Fuzzy Systems, 2021, , 1-1.	6.5	19
2528	Personalized medicine for allergy treatment: Allergen immunotherapy still a unique and unmatched model. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1041-1052.	2.7	38
2530	Next-generation sequencing reveals a novel pathogenic variant in the ATM gene. International Journal of Neuroscience, 2021, , 1-5.	0.8	1
2531	Novel Clinical Trial Designs and Statistical Methods in the Era of Precision Medicine. Statistics in Biopharmaceutical Research, 2021, 13, 133-146.	0.6	3
2532	Consensus statement of the Spanish Society of Internal Medicine and the Spanish Society of Medical Oncology on secondary thromboprophylaxis in patients with cancer. Clinical and Translational Oncology, 2021, 23, 697-708.	1.2	0
2533	Genomic Testing for Relapsed and Refractory Lymphoid Cancers: Understanding Patient Values. Patient, 2021, 14, 187-196.	1.1	6
2534	Comprehension and personal value of negative nonâ€“diagnostic genetic panel testing. Journal of Genetic Counseling, 2021, 30, 418-427.	0.9	13
2535	Innovative methods for observing and changing complex health behaviors: four propositions. Translational Behavioral Medicine, 2021, 11, 676-685.	1.2	47
2536	Precision Medicine Versus Personalized Medicine. , 2021, , 331-336.		0
2537	AI applications in the business and administration of health care. , 2021, , 79-123.		0
2539	Brain Imaging and the Mechanisms of Antidepressant Action. , 2021, , 248-260.		0
2540	Precision Global Health. , 2021, , 1-32.		0
2541	Construction of the National Brain Tumor Registry of China for better management and more efficient use of data: a protocol. BMJ Open, 2021, 11, e040055.	0.8	4
2542	Brain Imaging of Reward Dysfunction in Unipolar and Bipolar Disorders. , 2021, , 39-48.		0

#	ARTICLE	IF	CITATIONS
2543	Molecular Imaging of Dopamine and Antipsychotics in Bipolar Disorder. , 2021, , 236-247.		0
2544	Artificial Intelligence in Schizophrenia. , 2021, , 1-14.		1
2545	AI applications in robotics, diagnostic image analysis and precision medicine: Current limitations, future trends, guidelines on CAD systems for medicine. Informatics in Medicine Unlocked, 2021, 24, 100596.	1.9	41
2546	3D printing biomimetic materials and structures for biomedical applications. Bio-Design and Manufacturing, 2021, 4, 405-428.	3.9	66
2547	Mood Disorders: Predictors of tDCS Response. , 2021, , 481-490.		0
2548	Communicating 5-Year Risk of Alzheimer's Disease Dementia: Development and Evaluation of Materials that Incorporate Multiple Genetic and Biomarker Research Results. Journal of Alzheimer's Disease, 2021, 79, 559-572.	1.2	12
2549	AI applications in diagnostic technologies and services. , 2021, , 125-198.		2
2550	Magnetoencephalography Studies in Mood Disorders. , 2021, , 192-205.		0
2552	Functional Near-Infrared Spectroscopy Studies in Mood Disorders. , 2021, , 166-174.		0
2554	Neuroimaging Studies of Effects of Psychotherapy in Depression. , 2021, , 261-272.		0
2555	3D Functional Genomics Screens Identify CREBBP as a Targetable Driver in Aggressive Triple-Negative Breast Cancer. Cancer Research, 2021, 81, 847-859.	0.4	7
2556	Intracerebral Haemorrhage. , 2021, , 127-159.		0
2557	From the Patient's Point of View: An Anthropological Response to Medicine's Social Responsibility in Canadian Medical Education. , 2021, , 171-193.		0
2558	A Traceable Cancer Model: DNA Damage, Fragile Site-SMGs, Mitotic Slippage, 4n-Genome-Reduction to Fitness-Gained, Initiating, 2n First Cells. Journal of Cancer Therapy, 2021, 12, 365-386.	0.1	1
2559	Multi-Disease Prediction Based on Deep Learning: A Survey. CMES - Computer Modeling in Engineering and Sciences, 2021, 128, 489-522.	0.8	123
2560	Progress of Gastric Cancer Surgery in the era of Precision Medicine. International Journal of Biological Sciences, 2021, 17, 1041-1049.	2.6	31
2561	Cell cycle stress in normal human cells: A route to "first cells"(with/without fitness gain) and cancer-like cell-shape changes. Seminars in Cancer Biology, 2022, 81, 73-82.	4.3	10
2562	Novel candidates of pathogenic variants of the BRCA1 and BRCA2 genes from a dataset of 3,552 Japanese whole genomes (3.5KJPNv2). PLoS ONE, 2021, 16, e0236907.	1.1	7

#	ARTICLE	IF	CITATIONS
2563	Biological computation and computational biology: survey, challenges, and discussion. <i>Artificial Intelligence Review</i> , 2021, 54, 4169-4235.	9.7	7
2564	Heterogeneity in Blood Biomarker Trajectories After Mild TBI Revealed by Unsupervised Learning. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2022, 19, 1365-1378.	1.9	7
2565	The Role of Genetic Data Analysis for Precision Therapy in Cancer. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , 2021, , 127-143.	0.3	0
2566	Precision Psychiatry: Biomarker-Guided Tailored Therapy for Effective Treatment and Prevention in Major Depression. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1305, 535-563.	0.8	6
2567	A pilot study of oral treprostinil pharmacogenomics and treatment persistence in patients with pulmonary arterial hypertension. <i>Therapeutic Advances in Respiratory Disease</i> , 2021, 15, 175346662110136.	1.0	4
2568	Neuroimaging Brain Inflammation in Mood Disorders. , 2021, , 121-134.		0
2569	The evolution and advances of biomarker use in clinical trials for breast cancer treatment—a narrative review. <i>Translational Breast Cancer Research</i> , 0, 2, 6-6.	0.4	0
2570	Systems Pharmacology: Enabling Multidimensional Therapeutics. , 2022, , 725-769.		1
2571	An Overview of Machine Learning Applications in Mood Disorders. , 2021, , 206-218.		0
2572	Artificial intelligence: A rapid case for advancement in the personalization of Gynaecology/Obstetric and Mental Health care. <i>Women's Health</i> , 2021, 17, 174550652110181.	0.7	9
2573	Biobanking Best Practices and Publication Standards. , 2021, , 93-105.		0
2574	The era of precision medicine and its impact on nursing: paradigm shifts?. <i>Revista Brasileira De Enfermagem</i> , 2021, 74, e740501.	0.2	11
2575	Emerging strategies for scalable human induced pluripotent stem cell expansion and differentiation. , 2021, , 163-185.		0
2576	A review on machine learning approaches and trends in drug discovery. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 4538-4558.	1.9	168
2577	Targeting Non-Oncogene Addiction for Cancer Therapy. <i>Biomolecules</i> , 2021, 11, 129.	1.8	10
2578	Prognostic epigenetics. , 2021, , 143-168.		0
2579	Precision Global Health. , 2021, , 1667-1698.		0
2580	Pharmacometabolomics in Drug Discovery and Development. , 2021, , 480-500.		1

#	ARTICLE	IF	CITATIONS
2581	Electrophysiological Biomarkers for Mood Disorders. , 2021, , 175-191.		1
2583	Current status of use of high throughput nucleotide sequencing in rheumatology. RMD Open, 2021, 7, e001324.	1.8	2
2584	Epigenetic regulation and musculoskeletal injuries. , 2021, , 235-246.		1
2585	Factors Increasing Risk of Suicide after Traumatic Brain Injury: A State-of-the-Science Review of Military and Civilian Studies. Brain Injury, 2021, 35, 151-163.	0.6	24
2586	Longitudinal saliva omics responses to immune perturbation: a case study. Scientific Reports, 2021, 11, 710.	1.6	19
2587	Precision shielding for COVID-19: metrics of assessment and feasibility of deployment. BMJ Global Health, 2021, 6, e004614.	2.0	28
2588	Clinical Research Informatics. , 2021, , 913-940.		1
2589	Translational Bioinformatics. , 2021, , 867-911.		0
2590	Machine learning in precision medicine. , 2021, , 405-419.		1
2591	Predicting chemosensitivity using drug perturbed gene dynamics. BMC Bioinformatics, 2021, 22, 15.	1.2	1
2592	Neuroanatomical Findings in Bipolar Disorder. , 2021, , 16-27.		0
2593	Imaging Glutamatergic and GABAergic Abnormalities in Mood Disorders. , 2021, , 105-120.		0
2594	Magnetic Resonance Spectroscopy Investigations of Bioenergy and Mitochondrial Function in Mood Disorders. , 2021, , 83-104.		0
2595	Brain Imaging Methods in Mood Disorders. , 2021, , 1-6.		0
2596	Minority Representation in Clinical Trials in the United States. Mayo Clinic Proceedings, 2021, 96, 264-266.	1.4	37
2597	Whole Blood Assay: Thromboelastometry's Bleeding Management Algorithms. , 2021, , 67-87.		0
2598	Effects of Lithium on Brain Structure in Bipolar Disorder. , 2021, , 219-235.		1
2599	Physiology of Human Hemorrhage and Compensation. , 2021, 11, 1531-1574.		23

#	ARTICLE	IF	CITATIONS
2601	Health Information Technology Use Among Healthcare Providers Treating Children and Adolescents With Obesity: a Systematic Review. <i>Current Epidemiology Reports</i> , 2021, 8, 151-171.	1.1	0
2602	On the road to smart biomaterials for bone research: definitions, concepts, advances, and outlook. <i>Bone Research</i> , 2021, 9, 12.	5.4	121
2603	Design of a study to implement population-based risk assessment for hereditary cancer genetic testing in primary care. <i>Contemporary Clinical Trials</i> , 2021, 101, 106257.	0.8	5
2604	Milk fat globule membrane in infant nutrition: a dairy industry perspective. <i>Journal of Dairy Research</i> , 2021, 88, 105-116.	0.7	35
2605	Galaxy and MEAN Stack to Create a User-Friendly Workflow for the Rational Optimization of Cancer Chemotherapy. <i>Frontiers in Genetics</i> , 2021, 12, 624259.	1.1	6
2606	Applying artificial intelligence for cancer immunotherapy. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 3393-3405.	5.7	33
2607	Exercise and Cardiovascular Disease Risk Factors in Children and Adolescents With Obesity: A Systematic Review With Meta-Analysis of Randomized Controlled Trials. <i>American Journal of Lifestyle Medicine</i> , 2022, 16, 485-510.	0.8	4
2608	Sickle cell disease is a global prototype for integrative research and healthcare. <i>Genetics & Genomics Next</i> , 2021, 2, e10037.	0.8	10
2609	Induction of Efficacy Expectancies in an Ambulatory Smartphone-Based Digital Placebo Mental Health Intervention: Randomized Controlled Trial. <i>JMIR MHealth and UHealth</i> , 2021, 9, e20329.	1.8	10
2610	Gene editing technology: Towards precision medicine in inherited retinal diseases. <i>Seminars in Ophthalmology</i> , 2021, 36, 176-184.	0.8	1
2611	Precision clinical trials: a framework for getting to precision medicine for neurobehavioural disorders. <i>Journal of Psychiatry and Neuroscience</i> , 2021, 46, E97-E110.	1.4	19
2612	Detecting survival-associated biomarkers from heterogeneous populations. <i>Scientific Reports</i> , 2021, 11, 3203.	1.6	2
2613	Use of Korean dramas to facilitate precision mental health understanding and discussion for Asian Americans. <i>Health Promotion International</i> , 2021, 36, 1425-1438.	0.9	1
2614	The Association between Medication Experiences and Beliefs and Low Medication Adherence in Patients with Chronic Disease from Two Different Societies: The USA and the Sultanate of Oman. <i>Pharmacy (Basel, Switzerland)</i> , 2021, 9, 31.	0.6	7
2615	We're all in this together: recommendations from the Society of Behavioral Medicine's Open Science Working Group. <i>Translational Behavioral Medicine</i> , 2021, 11, 693-698.	1.2	8
2616	Trajectories of Response to Treatments in Children with ADHD and Word Reading Difficulties. <i>Research on Child and Adolescent Psychopathology</i> , 2021, 49, 1015-1030.	1.4	1
2617	Towards a framework to develop neuroimaging biomarkers of relapse in schizophrenia. <i>Behavioural Brain Research</i> , 2021, 402, 113099.	1.2	7
2618	Precision Medicine and Obesity. <i>Gastroenterology Clinics of North America</i> , 2021, 50, 127-139.	1.0	24

#	ARTICLE	IF	CITATIONS
2619	Revealing potential drug-disease-gene association patterns for precision medicine. <i>Scientometrics</i> , 2021, 126, 3723-3748.	1.6	4
2621	The promise of public health ethics for precision medicine: the case of newborn preventive genomic sequencing. <i>Human Genetics</i> , 2022, 141, 1035-1043.	1.8	13
2622	Aptamer-Based Detection of Circulating Targets for Precision Medicine. <i>Chemical Reviews</i> , 2021, 121, 12035-12105.	23.0	294
2623	Establishing a reproductive biorepository for basic and translational research: experience developing the reproductive subjects registry and sample repository. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 2097-2105.	1.2	6
2624	Advances in the development paradigm of biosample-based biosensors for early ultrasensitive detection of alzheimer's disease. <i>Journal of Nanobiotechnology</i> , 2021, 19, 72.	4.2	18
2625	Differences in Tumor Immune Microenvironment in Metastatic Sites of Breast Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 649004.	1.3	19
2626	Latent Profile Analysis of Neuropsychiatric Symptoms and Cognitive Function of Adults 2 Weeks After Traumatic Brain Injury. <i>JAMA Network Open</i> , 2021, 4, e213467.	2.8	22
2627	Identification of markers associated with brain metastasis from breast cancer through bioinformatics analysis and verification in clinical samples. <i>Gland Surgery</i> , 2021, 10, 924-942.	0.5	4
2628	Phylotranscriptomic analysis of <i>Dillenia indica</i> L. (Dilleniales, Dilleniaceae) and its systematics implication. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 1557-1560.	1.8	1
2629	Meeting the challenge: Health information technology's essential role in achieving precision medicine. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 1345-1352.	2.2	8
2630	Unique inflammatory profile is associated with higher SARS-CoV-2 acute respiratory distress syndrome (ARDS) mortality. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 320, R250-R257.	0.9	21
2631	The potential of long noncoding RNAs for precision medicine in human cancer. <i>Cancer Letters</i> , 2021, 501, 12-19.	3.2	18
2632	Precision Medicine Treatment in Acute Myeloid Leukemia Is Not a Dream. <i>Hemato</i> , 2021, 2, 131-153.	0.2	3
2633	Precision Education Reviews: A Case Study on Predicting Student's Performance using Feed Forward Neural Network. , 2021, , .		6
2635	Regulation of Long Non-Coding RNAs by Plant Secondary Metabolites: A Novel Anticancer Therapeutic Approach. <i>Cancers</i> , 2021, 13, 1274.	1.7	24
2636	Motivation to Participate in Precision Health Research and Acceptability of Texting as a Recruitment and Intervention Strategy Among Vietnamese Americans: Qualitative Study. <i>JMIR MHealth and UHealth</i> , 2021, 9, e23058.	1.8	2
2638	Novel Study Designs in Precision Medicine – Basket, Umbrella and Platform Trials. <i>Current Reviews in Clinical and Experimental Pharmacology</i> , 2022, 17, 114-121.	0.4	6
2639	Precision Medicine and cardiac channelopathies: when dreams meet reality. <i>European Heart Journal</i> , 2021, 42, 1661-1675.	1.0	34

#	ARTICLE	IF	CITATIONS
2640	Nonparametric machine learning for precision medicine with longitudinal clinical trials and Bayesian additive regression trees with mixed models. <i>Statistics in Medicine</i> , 2021, 40, 2665-2691.	0.8	12
2641	A Novel, Personalized Drug-Screening System for Platinum-Resistant Ovarian Cancer Patients: A Preliminary Clinical Report. <i>Cancer Management and Research</i> , 2021, Volume 13, 2849-2867.	0.9	10
2642	Machine learning based anti-cancer drug response prediction and search for predictor genes using cancer cell line gene expression. <i>Genomics and Informatics</i> , 2021, 19, e10.	0.4	5
2643	Role of nurses in precision health. <i>Nursing Outlook</i> , 2021, 69, 937-940.	1.5	1
2644	Nonpharmacological Interventions for Pediatric Migraine: A Network Meta-analysis. <i>Pediatrics</i> , 2021, 147, .	1.0	7
2645	A domestic cat whole exome sequencing resource for trait discovery. <i>Scientific Reports</i> , 2021, 11, 7159.	1.6	13
2647	An improved BM25 algorithm for clinical decision support in Precision Medicine based on co-word analysis and Cuckoo Search. <i>BMC Medical Informatics and Decision Making</i> , 2021, 21, 81.	1.5	3
2649	Wearable Triboelectric Nanogenerators for Therapeutics. <i>Trends in Chemistry</i> , 2021, 3, 279-290.	4.4	100
2650	Robust index of confidence weighted learning for optimal individualized treatment rule estimation. <i>Stat</i> , 2021, 10, e374.	0.3	2
2651	Pharmacoepidemiology: A time for a new multidisciplinary approach to precision medicine. <i>Pharmacoepidemiology and Drug Safety</i> , 2021, 30, 985-992.	0.9	1
2652	Drug Repurposing in Oncology: Current Evidence and Future Direction. <i>Current Medicinal Chemistry</i> , 2021, 28, 2175-2194.	1.2	6
2653	Attitudes toward Genomics and Precision Medicine. <i>Journal of Clinical and Translational Science</i> , 2021, 5, 1-31.	0.3	4
2654	Phenomapping of Patients with Primary Breast Cancer Using Machine Learning-Based Unsupervised Cluster Analysis. <i>Journal of Personalized Medicine</i> , 2021, 11, 272.	1.1	9
2655	Biobanks as a Treasury for Precision Medicine. <i>Healthcare Informatics Research</i> , 2021, 27, 93-94.	1.0	3
2656	Providers' Perspectives on the clinical utility of pharmacogenomic testing in pediatric patients. <i>Pharmacogenomics</i> , 2021, 22, 263-274.	0.6	13
2657	Rs2686344 and serum squamous cell carcinoma antigen could predict clinical efficacy of neoadjuvant chemotherapy for cervical cancer. <i>Current Problems in Cancer</i> , 2021, 45, 100755.	1.0	4
2658	REMAXINT: a two-mode clustering-based method for statistical inference on two-way interaction. <i>Advances in Data Analysis and Classification</i> , 2021, 15, 987-1013.	0.9	1
2659	Gut Microbiota and Gynecological Cancers: A Summary of Pathogenetic Mechanisms and Future Directions. <i>ACS Infectious Diseases</i> , 2021, 7, 987-1009.	1.8	32

#	ARTICLE	IF	CITATIONS
2660	The next horizon in precision oncology: Proteogenomics to inform cancer diagnosis and treatment. <i>Cell</i> , 2021, 184, 1661-1670.	13.5	113
2661	Defining focal brain stimulation targets for PTSD using neuroimaging. <i>Depression and Anxiety</i> , 2021, 38, 768-785.	2.0	11
2662	Facile preparation of pH/redox dual-responsive biodegradable polyphosphazene prodrugs for effective cancer chemotherapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 200, 111573.	2.5	18
2663	Impact of study design and statistical model in pharmacogenetic studies with gene-treatment interaction. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2021, 10, 340-349.	1.3	1
2664	The Use of Upconversion Nanoparticles in Prostate Cancer Photodynamic Therapy. <i>Life</i> , 2021, 11, 360.	1.1	16
2665	Genome Reconstruction Attacks Against Genomic Data-Sharing Beacons. <i>Proceedings on Privacy Enhancing Technologies</i> , 2021, 2021, 28-48.	2.3	12
2666	The Emergence and Future of Public Health Data Science. <i>Public Health Reviews</i> , 2021, 42, 1604023.	1.3	11
2668	A Comprehensive Machine Learning Framework for the Exact Prediction of the Age of Onset in Familial and Sporadic Alzheimer's Disease. <i>Diagnostics</i> , 2021, 11, 887.	1.3	2
2669	Digital Twins for Multiple Sclerosis. <i>Frontiers in Immunology</i> , 2021, 12, 669811.	2.2	108
2670	Clinical predictors of non-response to lithium treatment in the Pharmacogenomics of Bipolar Disorder (PCBD) study. <i>Bipolar Disorders</i> , 2021, 23, 821-831.	1.1	20
2671	Comparison of the Data of a Next-Generation Sequencing Panel from K-MASTER Project with That of Orthogonal Methods for Detecting Targetable Genetic Alterations. <i>Cancer Research and Treatment</i> , 2022, 54, 30-39.	1.3	3
2672	<scp>Cross-Scanner</scp> Harmonization of <scp>Neuromelanin-sensitive MRI</scp> for Multisite Studies. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 1189-1199.	1.9	10
2673	Multiscale and monolithic arbitrary Lagrangian-Eulerian finite element method for a hemodynamic fluid-structure interaction problem involving aneurysms. <i>Journal of Computational Physics</i> , 2021, 433, 110181.	1.9	3
2674	Precision exercise medicine: predicting unfavourable status and development in the 20-m shuttle run test performance in adolescence with machine learning. <i>BMJ Open Sport and Exercise Medicine</i> , 2021, 7, e001053.	1.4	4
2675	Precision Medicine for Obesity. <i>Digestive Disease Interventions</i> , 2021, 05, 239-248.	0.3	9
2677	Precision medicine and the principle of equal treatment: a conjoint analysis. <i>BMC Medical Ethics</i> , 2021, 22, 55.	1.0	7
2678	Current status and future directions of U.S. genomic nursing health care policy. <i>Nursing Outlook</i> , 2021, 69, 471-488.	1.5	8
2679	Moving towards precision neurological rehabilitation: a mandatory path to follow in the era of precision neurology. <i>Neurological Sciences</i> , 2021, 42, 3889-3891.	0.9	0

#	ARTICLE	IF	CITATIONS
2680	Prediction of Chemosensitivity in Multiple Primary Cancer Patients Using Machine Learning. <i>Anticancer Research</i> , 2021, 41, 2419-2429.	0.5	2
2681	Using Multimodal Assessments to Capture Personalized Contexts of College Student Well-being in 2020: Case Study. <i>JMIR Formative Research</i> , 2021, 5, e26186.	0.7	8
2682	Identifying Aspects of Public Attitudes Toward Whole Genome Sequencing to Inform the Integration of Genomics into Care. <i>Public Health Genomics</i> , 2021, 24, 229-240.	0.6	10
2683	A LUNG IMAGE CLASSIFICATION METHOD: A CLASSIFIER CONSTRUCTED BY COMBINING IMPROVED VGG16 AND GRADIENT BOOSTING DECISION TREE. <i>Journal of Mechanics in Medicine and Biology</i> , 2021, 21, 2150042.	0.3	1
2684	Implementation of a Novel Web-Based Lesion Selection Tool to Improve Acquisition of Tumor Biopsy Specimens. <i>Journal of Immunotherapy and Precision Oncology</i> , 2021, 4, 45-52.	0.6	5
2685	Black Is Diverse: The Untapped Beauty and Benefit of Cancer Genomics and Precision Medicine. <i>JCO Oncology Practice</i> , 2021, 17, 279-283.	1.4	6
2686	Novel Clinical Trial Designs in Pursuit of Precision Oncology: Lung-MAP As a Model. <i>Clinical Lung Cancer</i> , 2021, 22, 153-155.	1.1	1
2687	Comprehensive comparison of Apple Watch and Fitbit monitors in a free-living setting. <i>PLoS ONE</i> , 2021, 16, e0251975.	1.1	38
2688	In-vivo design feedback and perceived utility of a genetically-informed smoking risk tool among current smokers in the community. <i>BMC Medical Genomics</i> , 2021, 14, 139.	0.7	2
2689	Estimating Heterogeneous Treatment Effect on Multivariate Responses Using Random Forests. <i>Statistics in Biosciences</i> , 0, , 1.	0.6	1
2690	The impact of cross-kingdom molecular forensics on genetic privacy. <i>Microbiome</i> , 2021, 9, 114.	4.9	8
2691	From Reflection to Action: Combining Machine Learning with Expert Knowledge for Nutrition Goal Recommendations. , 2021, 2021, .		18
2692	Personalized, Evidence-Informed Training Plans and Exercise Prescriptions for Performance, Fitness and Health. <i>Sports Medicine</i> , 2021, 51, 1805-1813.	3.1	18
2693	The Hitchhiker's Guide to Computational Linguistics in Suicide Prevention. <i>Clinical Psychological Science</i> , 0, , 216770262110220.	2.4	3
2694	Precision psychiatry. <i>Revista Brasileira De Psiquiatria</i> , 2021, , .	0.9	0
2695	Shared and Distinct Topologically Structural Connectivity Patterns in Autism Spectrum Disorder and Attention-Deficit/Hyperactivity Disorder. <i>Frontiers in Neuroscience</i> , 2021, 15, 664363.	1.4	17
2696	Genetically influenced externalizing and internalizing risk pathways as novel prevention targets.. <i>Psychology of Addictive Behaviors</i> , 2022, 36, 595-606.	1.4	7
2697	Genetic variations in medical research in the past, at present and in the future. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2021, 97, 324-335.	1.6	4

#	ARTICLE	IF	CITATIONS
2698	Characterisation of paediatric pulmonary hypertensive vascular disease from the PPHNet Registry. <i>European Respiratory Journal</i> , 2022, 59, 2003337.	3.1	43
2699	The geometry of clinical labs and wellness states from deeply phenotyped humans. <i>Nature Communications</i> , 2021, 12, 3578.	5.8	19
2700	Exploring Deep Pathomics in Lung Cancer. , 2021, , .		2
2701	Translational precision medicine: an industry perspective. <i>Journal of Translational Medicine</i> , 2021, 19, 245.	1.8	51
2702	The practical utility of genetic screening in school settings. <i>Npj Science of Learning</i> , 2021, 6, 12.	1.5	7
2703	Precision omics data integration and analysis with interoperable ontologies and their application for COVID-19 research. <i>Briefings in Functional Genomics</i> , 2021, 20, 235-248.	1.3	8
2704	Ethics and privacy of artificial intelligence: Understandings from bibliometrics. <i>Knowledge-Based Systems</i> , 2021, 222, 106994.	4.0	31
2705	Public Attitudes to Digital Health Research Repositories: Cross-sectional International Survey. <i>Journal of Medical Internet Research</i> , 2021, 23, e31294.	2.1	5
2706	From Utopia Through Dystopia: Charting a Course for Learning Analytics in Competency-Based Medical Education. <i>Academic Medicine</i> , 2021, 96, S89-S95.	0.8	19
2708	Informatics-enabled citizen science to advance health equity. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 2009-2012.	2.2	5
2710	Recent scientific/intellectual movements in biomedicine. <i>Social Science and Medicine</i> , 2021, 278, 113950.	1.8	7
2711	Molecular Markers and the Promise of Precision Medicine for Interstitial Lung Disease. <i>Clinics in Chest Medicine</i> , 2021, 42, 357-364.	0.8	4
2712	Precision medicine in diabetic nephropathy and chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, 10-13.	0.4	6
2713	Distribution of Genomic Testing Resources by Oncology Practice and Rurality: A Nationally Representative Study. <i>JCO Precision Oncology</i> , 2021, 5, 1060-1068.	1.5	11
2714	Synchronized Tissue Acquisition Techniques for Novel Biomarker Discovery: Are You Ready to Waltz?. <i>Journal of Immunotherapy and Precision Oncology</i> , 2021, 4, 168-169.	0.6	2
2715	The EHA Research Roadmap: Anemias. <i>HemaSphere</i> , 2021, 5, e607.	1.2	7
2716	Prioritisation and design of clinical trials. <i>European Journal of Epidemiology</i> , 2021, 36, 1111-1121.	2.5	8
2717	Conditional Cell Reprogramming in Modeling Digestive System Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 669756.	1.8	3

#	ARTICLE	IF	CITATIONS
2718	Advancing clinical genomics and precision medicine with GVVIZ: FAIR bioinformatics platform for variable gene-disease annotation, visualization, and expression analysis. <i>Human Genomics</i> , 2021, 15, 37.	1.4	15
2719	The efficacy of ethnic specific blood groups genotyping for routine donor investigation and rare donor identification in Taiwan. <i>Vox Sanguinis</i> , 2022, 117, 99-108.	0.7	2
2720	Advancing precision medicine for acute respiratory distress syndrome. <i>Lancet Respiratory Medicine</i> , 2022, 10, 107-120.	5.2	83
2721	A correlation matrix-based tensor decomposition method for early prediction of sepsis from clinical data. <i>Biocybernetics and Biomedical Engineering</i> , 2021, 41, 1013-1024.	3.3	12
2722	Theranostics in Brain Tumors. <i>PET Clinics</i> , 2021, 16, 397-418.	1.5	9
2723	Personalized Cancer Medicine in the Media: Sensationalism or Realistic Reporting?. <i>Journal of Personalized Medicine</i> , 2021, 11, 741.	1.1	5
2724	Discrimination of Cancer Stem Cell Markers ALDH1A1, BCL11B, BMI-1, and CD44 in Different Tissues of HNSCC Patients. <i>Current Oncology</i> , 2021, 28, 2763-2774.	0.9	11
2725	Data Classification Model for COVID-19 Pandemic. <i>Studies in Systems, Decision and Control</i> , 2022, , 93-118.	0.8	7
2726	Patient-Reported Control of Asthma, Nasal Polyposis, and Middle-Ear Symptoms in NSAID-Exacerbated Respiratory Disease. <i>Frontiers in Allergy</i> , 2021, 2, 716169.	1.2	2
2727	Influence of Drug Load on the Printability and Solid-State Properties of 3D-Printed Naproxen-Based Amorphous Solid Dispersion. <i>Molecules</i> , 2021, 26, 4492.	1.7	12
2728	Math predictors of numeric health and non-health decision-making problems. <i>Journal of Numerical Cognition</i> , 2021, 7, 221-239.	0.6	2
2729	The application of artificial intelligence in hepatology: A systematic review. <i>Digestive and Liver Disease</i> , 2022, 54, 299-308.	0.4	13
2730	Macular Pigment Reflectometry: Developing Clinical Protocols, Comparison with Heterochromatic Flicker Photometry and Individual Carotenoid Levels. <i>Nutrients</i> , 2021, 13, 2553.	1.7	9
2731	mRBioM: An Algorithm for the Identification of Potential mRNA Biomarkers From Complete Transcriptomic Profiles of Gastric Adenocarcinoma. <i>Frontiers in Genetics</i> , 2021, 12, 679612.	1.1	2
2732	Revisiting social MPE: an integration of molecular pathological epidemiology and social science in the new era of precision medicine. <i>Expert Review of Molecular Diagnostics</i> , 2021, 21, 869-886.	1.5	2
2733	The Future of Parallel Tumor and Germline Genetic Testing: Is There a Role for All Patients With Cancer?. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2021, 19, 871-878.	2.3	10
2734	The intervention, the patient and the illness – Personalizing non-invasive brain stimulation in psychiatry. <i>Experimental Neurology</i> , 2021, 341, 113713.	2.0	15
2735	Using ensemble of ensemble machine learning methods to predict outcomes of cardiac resynchronization. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 2504-2514.	0.8	10

#	ARTICLE	IF	CITATIONS
2736	Willingness of a Multiethnic Immigrant Population to Donate Biospecimens for Research Purposes. <i>Journal of Immigrant and Minority Health</i> , 2021, , 1.	0.8	1
2737	Grand Challenges for Artificial Intelligence in Molecular Medicine. <i>Frontiers in Molecular Medicine</i> , 2021, 1, .	0.6	1
2738	Technological readiness and implementation of genomicâ€driven precision medicine for complex diseases. <i>Journal of Internal Medicine</i> , 2021, 290, 602-620.	2.7	18
2739	Artificial Intelligence in 3D Printing: A Revolution in Health Care. <i>Lecture Notes in Bioengineering</i> , 2022, , 57-79.	0.3	6
2741	Precision medicine: Concept and tools. <i>Medical Journal Armed Forces India</i> , 2021, 77, 249-257.	0.3	29
2742	Phenomapping Heart Failure with Preserved Ejection Fraction Using Machine Learning Cluster Analysis. <i>Heart Failure Clinics</i> , 2021, 17, 499-518.	1.0	14
2743	Digital Health Engagement in the US Population: Insights From the 2018 Health Information National Trends Survey. <i>American Journal of Public Health</i> , 2021, 111, 1348-1351.	1.5	19
2744	The Impact of Communicating Uncertainty on Public Responses to Precision Medicine Research. <i>Annals of Behavioral Medicine</i> , 2021, 55, 1048-1061.	1.7	9
2745	Metabolomic Interactions: An Insight into Health and Disease. <i>Journal of Pharmaceutical Research International</i> , 0, , 61-67.	1.0	0
2746	Grand Challenges in Molecular Medicine for Disease Prevention and Treatment Through Cyclical Innovation. <i>Frontiers in Molecular Medicine</i> , 2021, 1, .	0.6	2
2747	Tensor learning of pointwise mutual information from EHR data for early prediction of sepsis. <i>Computers in Biology and Medicine</i> , 2021, 134, 104430.	3.9	20
2748	Deep learning-based gene selection in comprehensive gene analysis in pancreatic cancer. <i>Scientific Reports</i> , 2021, 11, 16521.	1.6	11
2749	The Role of Electronic Health Records in Advancing Genomic Medicine. <i>Annual Review of Genomics and Human Genetics</i> , 2021, 22, 219-238.	2.5	11
2750	Active wearable device utilization improved physical performance and IGF-1 among community-dwelling middle-aged and older adults: a 12-month prospective cohort study. <i>Aging</i> , 2021, 13, 19710-19721.	1.4	4
2751	Quantification of the Immune Content in Neuroblastoma: Deep Learning and Topological Data Analysis in Digital Pathology. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8804.	1.8	5
2752	Personalizing the decision of dabigatran versus warfarin in atrial fibrillation: A secondary analysis of the Randomized Evaluation of Long-term anticoagulation therapY (RE-LY) trial. <i>PLoS ONE</i> , 2021, 16, e0256338.	1.1	2
2753	The role of microneedle arrays in drug delivery and patient monitoring to prevent diabetes induced fibrosis. <i>Advanced Drug Delivery Reviews</i> , 2021, 175, 113825.	6.6	36
2754	Proton Cancer Therapy: Synchrotron-Based Clinical Experiences 2020 Update. , 0, , .		1

#	ARTICLE	IF	CITATIONS
2755	Mass spectrometry based high-throughput bioanalysis of low molecular weight compounds: are we ready to support personalized medicine?. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 181-192.	1.9	3
2756	Peak Inspiratory Flow as a Predictive Therapeutic Biomarker in COPD. <i>Chest</i> , 2021, 160, 491-498.	0.4	10
2757	A Health Intersection of Toxicology and Clinical Medicine. <i>International Journal of Toxicology</i> , 2021, 40, 109158182110394.	0.6	0
2758	Designing Consumer Health Information Technology to Support Biform and Articulation Work: A Qualitative Study of Diet and Nutrition Management as Patient Work. <i>JMIR Human Factors</i> , 2021, 8, e27452.	1.0	3
2759	Classification of Lung Disease in Children by Using Lung Ultrasound Images and Deep Convolutional Neural Network. <i>Frontiers in Physiology</i> , 2021, 12, 693448.	1.3	4
2760	Omics sciences for systems biology in Alzheimer's disease: State-of-the-art of the evidence. <i>Ageing Research Reviews</i> , 2021, 69, 101346.	5.0	74
2761	Predicting Molecular Phenotypes from Histopathology Images: A Transcriptome-Wide Expression Morphology Analysis in Breast Cancer. <i>Cancer Research</i> , 2021, 81, 5115-5126.	0.4	32
2762	Pre-treatment clinical and gene expression patterns predict developmental change in early intervention in autism. <i>Molecular Psychiatry</i> , 2021, 26, 7641-7651.	4.1	7
2763	A systematic review of miRNAs as biomarkers in osteoporosis disease. <i>Journal of Diabetes and Metabolic Disorders</i> , 2021, 20, 1391-1406.	0.8	3
2764	Individualized Group Learning. <i>Journal of the American Statistical Association</i> , 2023, 118, 622-638.	1.8	1
2765	Canine Oncopanel: A capture-based, NGS platform for evaluating the mutational landscape and detecting putative driver mutations in canine cancers. <i>Veterinary and Comparative Oncology</i> , 2022, 20, 91-101.	0.8	4
2766	The PSYchiatric clinical outcome prediction (PSYCOP) cohort: leveraging the potential of electronic health records in the treatment of mental disorders. <i>Acta Neuropsychiatrica</i> , 2021, 33, 323-330.	1.0	9
2767	Precision Medicine of Autoimmune Diseases. , 0, , .		1
2768	Head-to-head comparison of prognostic models of spontaneous intracerebral hemorrhage: tools for personalized care and clinical trial in ICH. <i>Neurological Research</i> , 2021, , 1-10.	0.6	5
2769	Implementation of Multigene Germline and Parallel Somatic Genetic Testing in Epithelial Ovarian Cancer: SIGNPOST Study. <i>Cancers</i> , 2021, 13, 4344.	1.7	28
2770	Specific intracellular binding peptide as sPD-L1 antibody mimic: Robust binding capacity and intracellular region specific modulation upon applied to sensing research. <i>Biosensors and Bioelectronics</i> , 2021, 185, 113269.	5.3	20
2771	Getting More Precise in Public Messaging on Scientific and Data Uncertainties for Precision Medicine Research. <i>Annals of Behavioral Medicine</i> , 2021, 55, 1045-1047.	1.7	1
2772	Genetic testing in ambulatory cardiology clinics reveals high rate of findings with clinical management implications. <i>Genetics in Medicine</i> , 2021, 23, 2404-2414.	1.1	14

#	ARTICLE	IF	CITATIONS
2773	Participation in genetic research among Latinx populations by Latin America birth-residency concordance: a global study. <i>Journal of Community Genetics</i> , 2021, 12, 603-615.	0.5	6
2774	Biological Functions Driven by mRNAs Carried by Extracellular Vesicles in Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 620498.	1.8	30
2775	Maximizing remission from cognitive-behavioral therapy in medicated adults with obsessive-compulsive disorder. <i>Behaviour Research and Therapy</i> , 2021, 143, 103890.	1.6	11
2776	Communicating Scientific Uncertainty Across the Dissemination Trajectory: A Precision Medicine Case Study. <i>Science Communication</i> , 2021, 43, 597-623.	1.8	6
2778	The Need for a Human Pangenome Reference Sequence. <i>Annual Review of Genomics and Human Genetics</i> , 2021, 22, 81-102.	2.5	71
2779	Evaluating Telehealth Implementation in the Context of Pediatric Chronic Pain Treatment during COVID-19. <i>Children</i> , 2021, 8, 764.	0.6	5
2780	Theranostic biomaterials for tissue engineering. <i>Current Opinion in Biomedical Engineering</i> , 2021, 19, 100299.	1.8	8
2781	Artificial intelligence in healthcare—the road to precision medicine. <i>Journal of Hospital Management and Health Policy</i> , 0, 5, 29-29.	0.4	6
2782	Translating polygenic risk scores for clinical use by estimating the confidence bounds of risk prediction. <i>Nature Communications</i> , 2021, 12, 5276.	5.8	12
2783	Development of a psychosocial oncology core curriculum for multidisciplinary education and training: Initial content validation using the modified Delphi Method. <i>Psycho-Oncology</i> , 2022, 31, 130-138.	1.0	6
2784	A Proof of Concept of the Role of TDM-Based Clinical Pharmacological Advices in Optimizing Antimicrobial Therapy on Real-Time in Different Paediatric Settings. <i>Frontiers in Pharmacology</i> , 2021, 12, 755075.	1.6	6
2785	Atypical genomic cortical patterning in autism with poor early language outcome. <i>Science Advances</i> , 2021, 7, eabh1663.	4.7	21
2787	Epilepsy Care in the Precision Medicine Era. <i>Epilipia Epilepsy and Community</i> , 2021, 3, 74-77.	0.1	0
2788	The Impact of Ethnicity and Genetic Ancestry on Disease Prevalence and Risk in Colombia. <i>Frontiers in Genetics</i> , 2021, 12, 690366.	1.1	8
2789	Challenges Faced by Clinicians in the Personalized Treatment Planning: A Literature Review and the First Results of the Russian National Cancer Program. <i>Critical Care Research and Practice</i> , 2021, 2021, 1-7.	0.4	3
2790	The importance of increasing population diversity in genetic studies of type 2 diabetes and related glycaemic traits. <i>Diabetologia</i> , 2021, 64, 2653-2664.	2.9	10
2791	Dementia in Africa: Current evidence, knowledge gaps, and future directions. <i>Alzheimer's and Dementia</i> , 2022, 18, 790-809.	0.4	34
2792	3D printing technology; methods, biomedical applications, future opportunities and trends. <i>Journal of Materials Research and Technology</i> , 2021, 14, 1430-1450.	2.6	143

#	ARTICLE	IF	CITATIONS
2793	Inclusion of Under-represented Racial and Ethnic Minorities in Randomized Clinical Trials for Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2022, 162, 17-21.	0.6	14
2794	Machine Learning and Precision Medicine in Emergency Medicine: The Basics. <i>Cureus</i> , 2021, 13, e17636.	0.2	2
2795	Lived time and the affordances of clinical research participation. <i>Sociology of Health and Illness</i> , 2021, , .	1.1	2
2797	Electronic Video Consent to Power Precision Health Research: A Pilot Cohort Study. <i>JMIR Formative Research</i> , 2021, 5, e29123.	0.7	12
2798	Mechanical properties and drug loading rate of a polycaprolactone 5-fluorouracil controlled drug delivery system. <i>Materials Research Express</i> , 2021, 8, 095302.	0.8	3
2799	Group lifestyle modification vs. lifestyle newsletters for early childhood obesity: Pilot study in rural primary care. <i>Journal of Behavioral and Cognitive Therapy</i> , 2021, 31, 215-228.	0.7	1
2800	Prognostic value of polygenic risk scores for adults with psychosis. <i>Nature Medicine</i> , 2021, 27, 1576-1581.	15.2	31
2801	Predicting Drug Release from 3D Printed Oral Medicines Based on the Surface Area to Volume Ratio of Tablet Geometry. <i>Pharmaceutics</i> , 2021, 13, 1453.	2.0	36
2802	Results of the Seventh Scientific Workshop of ECCO: Precision Medicine in IBDâ€”What, Why, and How. <i>Journal of Crohn's and Colitis</i> , 2021, 15, 1410-1430.	0.6	28
2803	From GWAS to Gene: Transcriptome-Wide Association Studies and Other Methods to Functionally Understand GWAS Discoveries. <i>Frontiers in Genetics</i> , 2021, 12, 713230.	1.1	55
2805	Therapy concepts in the context of precision medicine for pediatric malignanciesâ€”children are not adults. <i>Memo - Magazine of European Medical Oncology</i> , 2021, 14, 273-277.	0.3	1
2808	Meanings Emerging From Dignity Therapy Among Cancer Patients. <i>Journal of Pain and Symptom Management</i> , 2021, 62, 730-737.	0.6	8
2809	CometChip analysis of human primary lymphocytes enables quantification of inter-individual differences in the kinetics of repair of oxidative DNA damage. <i>Free Radical Biology and Medicine</i> , 2021, 174, 89-99.	1.3	10
2810	Moderators of treatment response to exercise in participants with stimulant use disorder: Exploratory results from the Stimulant Reduction using Dosed Exercise (STRIDE)CTN-0037 study. <i>Mental Health and Physical Activity</i> , 2021, 21, 100421.	0.9	0
2811	Multi-source brain computing with systematic fusion for smart health. <i>Information Fusion</i> , 2021, 75, 150-167.	11.7	14
2812	miR-22 eluting cardiovascular stent based on a self-healable spongy coating inhibits in-stent restenosis. <i>Bioactive Materials</i> , 2021, 6, 4686-4696.	8.6	21
2813	Neuroimaging Biomarkers in Pediatric Mood Disorders. , 2021, , 28-38.		0
2814	Neuroanatomical Findings in Unipolar Depression and the Role of the Hippocampus. , 2021, , 7-15.		0

#	ARTICLE	IF	CITATIONS
2815	Weight Change Trajectory in Patients With Locally Advanced Nasopharyngeal Carcinoma During the Peri-“Radiation Therapy Period. <i>Oncology Nursing Forum</i> , 2021, 48, 65-79.	0.5	3
2816	The treatment of bipolar disorder in the era of precision psychiatry: Challenges and opportunities. , 2021, , 405-415.		0
2818	Two-stage penalized regression screening to detect biomarker-treatment interactions in randomized clinical trials. <i>Biometrics</i> , 2022, 78, 141-150.	0.8	11
2819	Genetic Data Analysis. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2021, , 358-372.	0.1	1
2820	A review on hybrid materials based polysaccharide systems for the applications in the field of biomedical. <i>AIP Conference Proceedings</i> , 2021, , .	0.3	0
2821	Prediction and classification of diabetes mellitus using genomic data. , 2021, , 235-292.		6
2822	Integrating Genomic Screening into Primary Care: Provider Experiences Caring for Latino Patients at a Community-Based Health Center. <i>Journal of Primary Care and Community Health</i> , 2021, 12, 215013272110002.	1.0	5
2823	Precision Medicine: Enabling Healthcare Progress in the Twenty-First Century. , 2021, , 9-19.		0
2824	Functional Connectome in Bipolar Disorder. , 2021, , 59-82.		0
2825	Resting-State Functional Connectivity in Unipolar Depression. , 2021, , 49-58.		0
2826	Imaging Genetic and Epigenetic Markers in Mood Disorders. , 2021, , 135-150.		0
2827	fMRI Neurofeedback as Treatment for Depression. , 2021, , 151-165.		0
2828	Precision Medicine Blockchain: A Review. , 2021, , .		2
2829	Citizen Science, Health, and Environmental Justice. , 2021, , 219-239.		10
2830	Precision medicine reaching out to the patients in allergology – a German-Japanese workshop report. <i>Allergologie Select</i> , 2021, 5, 162-179.	1.6	1
2831	Multi-modal Multi-instance Learning Using Weakly Correlated Histopathological Images and Tabular Clinical Information. <i>Lecture Notes in Computer Science</i> , 2021, , 529-539.	1.0	14
2832	The funhouse mirror: the I in personalised healthcare. <i>Life Sciences, Society and Policy</i> , 2021, 17, 1.	3.1	10
2833	Emerging Precision Medicine Concepts and Cardiovascular Health in African Americans and Hispanics. <i>Contemporary Cardiology</i> , 2021, , 29-34.	0.0	0

#	ARTICLE	IF	CITATIONS
2834	Systems Medicine in Oncology: Signaling Network Modeling and New-Generation Decision-Support Systems. <i>Methods in Molecular Biology</i> , 2016, 1386, 181-219.	0.4	12
2835	Systems Medicine for Lung Diseases: Phenotypes and Precision Medicine in Cancer, Infection, and Allergy. <i>Methods in Molecular Biology</i> , 2016, 1386, 119-133.	0.4	4
2836	Systems Biology Methods for Alzheimer's Disease Research Toward Molecular Signatures, Subtypes, and Stages and Precision Medicine: Application in Cohort Studies and Trials. <i>Methods in Molecular Biology</i> , 2018, 1750, 31-66.	0.4	36
2837	Neighborhoods and Breast Cancer Survival: The Case for an Archetype Approach. <i>Energy Balance and Cancer</i> , 2019, , 221-253.	0.2	3
2838	Metabolomics Biomarkers for Precision Psychiatry. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1161, 101-113.	0.8	19
2839	Ethical, Legal, and Social Implications of Precision Cancer Medicine. , 2019, , 129-143.		1
2840	Immuno-Oncology in the Era of Personalized Medicine. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1168, 117-129.	0.8	4
2841	Heterogeneity of Stem Cells in the Hippocampus. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1169, 31-53.	0.8	6
2842	An Introduction to Personalized eHealth. , 2020, , 53-70.		11
2843	Biologically Defined or Biologically Informed Traits Are More Heritable Than Clinically Defined Ones: The Case of Oral and Dental Phenotypes. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1197, 179-189.	0.8	14
2844	Internet of Things for Sustainable Human Health. <i>Internet of Things</i> , 2020, , 217-242.	1.3	18
2845	Challenges for the Optimization of Drug Therapy in the Treatment of Cancer. <i>Computational Biology</i> , 2020, , 163-198.	0.1	2
2846	Ethico-legal and Policy Issues Surrounding Personalised Medicine. <i>SpringerBriefs in Public Health</i> , 2021, , 57-76.	0.2	2
2847	Personalized Medicine. , 2016, , 4235-4249.		1
2848	Psychiatric Apps: Patient Self-Assessment, Communication, and Potential Treatment Interventions. , 2016, , 217-229.		7
2849	Big Data and Theory. , 2017, , 1-5.		6
2851	A Health 4.0 Based Approach Towards the Management of Multiple Sclerosis. , 2017, , 205-218.		4
2852	mDebugger: Assessing and Diagnosing the Fidelity and Yield of Mobile Sensor Data. , 2017, , 121-143.		6

#	ARTICLE	IF	CITATIONS
2853	The Impact of Big Data on the Physician. <i>Studies in Big Data</i> , 2018, , 415-448.	0.8	1
2854	Epidemiology of Diffuse Low Grade Gliomas. , 2017, , 13-53.		11
2855	Future Paradigm of Breast Cancer Resistance and Treatment. Resistance To Targeted Anti-cancer Therapeutics, 2017, , 155-178.	0.1	2
2856	Unravelling the Exposome: Conclusions and Thoughts for the Future. , 2019, , 425-437.		3
2857	The Shape of Things to Come: Emerging Applications of 3D Printing in Healthcare. <i>AAPS Advances in the Pharmaceutical Sciences Series</i> , 2018, , 1-19.	0.2	18
2858	Precision Medicine. <i>Computers in Health Care</i> , 2019, , 49-58.	0.2	2
2859	<i>Onkologika.</i> , 2016, , 583-619.		1
2860	<i>Onkologika.</i> , 2017, , 597-639.		1
2861	A Linked Democracy Approach for Regulating Public Health Data. <i>Health and Technology</i> , 2017, 7, 519-537.	2.1	9
2863	Personalized Medicine in Chronic Obstructive Pulmonary Disease: How Close Are We?. <i>Archivos De Bronconeumologia</i> , 2020, 56, 420-421.	0.4	3
2864	Medicina personalizada en la enfermedad pulmonar obstructiva cr�nica: �c�mo de cerca estamos?. <i>Archivos De Bronconeumologia</i> , 2020, 56, 420-421.	0.4	8
2865	General functional connectivity: Shared features of resting-state and task fMRI drive reliable and heritable individual differences in functional brain networks. <i>NeuroImage</i> , 2019, 189, 516-532.	2.1	223
2866	Big Data, Health Law, and Bioethics. , 2018, , .		17
2868	Editorial: Considering Transient Instantiators. <i>Development and Psychopathology</i> , 2020, 32, 1173-1174.	1.4	5
2870	Cardiovascular disease: Psychological, social, and behavioral influences: Introduction to the special issue.. <i>American Psychologist</i> , 2018, 73, 949-954.	3.8	11
2871	Baseline patterns of substance use disorder severity and depression and anxiety symptoms moderate the efficacy of mindfulness-based relapse prevention.. <i>Journal of Consulting and Clinical Psychology</i> , 2017, 85, 1041-1051.	1.6	61
2872	A meta-analysis of motivational interviewing process: Technical, relational, and conditional process models of change.. <i>Journal of Consulting and Clinical Psychology</i> , 2018, 86, 140-157.	1.6	217
2873	Personalized models of psychopathology as contextualized dynamic processes: An example from individuals with borderline personality disorder.. <i>Journal of Consulting and Clinical Psychology</i> , 2020, 88, 240-254.	1.6	24

#	ARTICLE	IF	CITATIONS
2874	Advancing ambulatory biobehavioral technologies beyond "proof of concept" Introduction to the special section.. Psychological Assessment, 2019, 31, 277-284.	1.2	16
2875	Making individualized drugs a reality. Nature Biotechnology, 2017, 35, 507-513.	9.4	35
2876	The future of precision medicine: towards a more predictive personalized medicine. Emerging Topics in Life Sciences, 2020, 4, 175-177.	1.1	31
2877	The Impact of Dose and Dose Frequency on Word Learning by Kindergarten Children With Developmental Language Disorder During Interactive Book Reading. Language, Speech, and Hearing Services in Schools, 2019, 50, 518-539.	0.7	35
2879	Computational modelling of modern cancer immunotherapy. Physics in Medicine and Biology, 2020, 65, 24TR01.	1.6	14
2880	A review on viral data sources and search systems for perspective mitigation of COVID-19. Briefings in Bioinformatics, 2021, 22, 664-675.	3.2	22
2881	FlashPCA2: principal component analysis of Biobank-scale genotype datasets. Bioinformatics, 2017, 33, 2776-2778.	1.8	300
2882	The spike-and-slab lasso Cox model for survival prediction and associated genes detection. Bioinformatics, 2017, 33, 2799-2807.	1.8	45
2883	Patient-generated health data and electronic health record integration: a scoping review. JAMIA Open, 2021, 3, 619-627.	1.0	39
2884	Exercise Interventions in Cardio-oncology Populations. Journal of Cardiovascular Nursing, 2020, Publish Ahead of Print, .	0.6	4
2885	Self-reported Health Status Differs for Amazon's Mechanical Turk Respondents Compared With Nationally Representative Surveys. Medical Care, 2018, 56, 211-215.	1.1	24
2886	Association Between Neighborhood-level Socioeconomic Deprivation and the Medication Level Variability Index for Children Following Liver Transplantation. Transplantation, 2020, 104, 2346-2353.	0.5	34
2923	Calibration and Uncertainty in Neural Time-to-Event Modeling. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 1666-1680.	7.2	4
2924	Do patients with chronic low-back pain experience a loss of health-related quality of life? A protocol for a systematic review and meta-analysis. BMJ Open, 2020, 10, e033396.	0.8	5
2925	Merging heterogeneous clinical data to enable knowledge discovery. , 2018, , .		9
2926	METHODS TO ENHANCE THE REPRODUCIBILITY OF PRECISION MEDICINE. , 2016, , .		2
2927	Cross-Modal Health State Estimation. , 2018, 2018, 1993-2002.		17
2928	What Makes a Top-Performing Precision Medicine Search Engine? Tracing Main System Features in a Systematic Way. , 2020, , .		7

#	ARTICLE	IF	CITATIONS
2929	Precision medicine: discovering clinically relevant and mechanistically anchored disease subgroups at scale. <i>Journal of Clinical Investigation</i> , 2019, 129, 944-945.	3.9	16
2930	Precision medicine: Driving the evolution of biobanking quality. <i>Healthcare Management Forum</i> , 2020, 33, 102-106.	0.6	9
2932	DNA methylation biomarkers of future health outcomes in children. <i>Molecular and Cellular Pediatrics</i> , 2020, 7, 7.	1.0	11
2933	Does evidence support the high expectations placed in precision medicine? A bibliographic review. <i>F1000Research</i> , 2018, 7, 30.	0.8	17
2935	Does evidence support the high expectations placed in precision medicine? A bibliographic review. <i>F1000Research</i> , 0, 7, 30.	0.8	7
2936	Does evidence support the high expectations placed in precision medicine? A bibliographic review. <i>F1000Research</i> , 0, 7, 30.	0.8	8
2937	Precision medicine in inflammatory bowel disease: concept, progress and challenges. <i>F1000Research</i> , 2020, 9, 54.	0.8	59
2938	pyGeno: A Python package for precision medicine and proteogenomics. <i>F1000Research</i> , 2016, 5, 381.	0.8	13
2939	pyGeno: A Python package for precision medicine and proteogenomics. <i>F1000Research</i> , 2016, 5, 381.	0.8	8
2940	“The molecule”™s the thing: the promise of molecular modeling and dynamic simulations in aiding the prioritization and interpretation of genomic testing results. <i>F1000Research</i> , 0, 5, 766.	0.8	2
2941	“The molecule”™s the thing: the promise of molecular modeling and dynamic simulations in aiding the prioritization and interpretation of genomic testing results. <i>F1000Research</i> , 2016, 5, 766.	0.8	4
2942	The GenABEL Project for statistical genomics. <i>F1000Research</i> , 2016, 5, 914.	0.8	55
2943	Multisite Evaluation of a Data Quality Tool for Patient-Level Clinical Datasets. EGEMS (Washington, DC) 2019, 7(10):37	2.0	37
2944	Bone marrow microenvironments that contribute to patient outcomes in newly diagnosed multiple myeloma: A cohort study of patients in the Total Therapy clinical trials. <i>PLoS Medicine</i> , 2020, 17, e1003323.	3.9	33
2945	The intersection of genomics and big data with public health: Opportunities for precision public health. <i>PLoS Medicine</i> , 2020, 17, e1003373.	3.9	26
2946	Targeted Next-Generation Sequencing Revealed Novel Mutations in Chinese Ataxia Telangiectasia Patients: A Precision Medicine Perspective. <i>PLoS ONE</i> , 2015, 10, e0139738.	1.1	8
2947	A Survey of U.S Adults’ Opinions about Conduct of a Nationwide Precision Medicine Initiative® Cohort Study of Genes and Environment. <i>PLoS ONE</i> , 2016, 11, e0160461.	1.1	84
2948	Spitting for Science: Danish High School Students Commit to a Large-Scale Self-Reported Genetic Study. <i>PLoS ONE</i> , 2016, 11, e0161822.	1.1	5

#	ARTICLE	IF	CITATIONS
2949	Robustness of meta-analyses in finding gene × environment interactions. PLoS ONE, 2017, 12, e0171446.	1.1	8
2950	Genome-wide study of resistant hypertension identified from electronic health records. PLoS ONE, 2017, 12, e0171745.	1.1	36
2951	Model-based optimization approaches for precision medicine: A case study in presynaptic dopamine overactivity. PLoS ONE, 2017, 12, e0179575.	1.1	10
2952	Estimation of genomic prediction accuracy from reference populations with varying degrees of relationship. PLoS ONE, 2017, 12, e0189775.	1.1	58
2953	Deep Learning in Medical Imaging. Neurospine, 2019, 16, 657-668.	1.1	186
2954	PRECISION MEDICINE - THE GOLDEN GATE FOR DETECTION, TREATMENT AND PREVENTION OF ALZHEIMER'S DISEASE. Journal of prevention of Alzheimer's disease, The, 2016, 3, 1-17.	1.5	67
2955	REST rs3796529 Genotype and Rate of Functional Deterioration in Alzheimer's Disease. , 2019, 10, 94.		3
2956	Hormone-related proteomic and functional variations in human nonfunctional pituitary adenomas. Inflammation and Cell Signaling, 0, , .	1.6	3
2957	Proteomic heterogeneity of nonfunctional pituitary adenomas. Precision Medicine, 0, , .	0.5	1
2958	The Future of Healthcare Facilities: How Technology and Medical Advances May Shape Hospitals of the Future. Hospital Practices and Research, 2019, 4, 1-11.	0.1	18
2959	Epigenetics of obesity. Cardiovascular Therapy and Prevention (Russian Federation), 2020, 19, 2632.	0.4	6
2960	The Ethics of Translational Science: Imagining Public Benefit in Gene-Environment Interaction Research. Engaging Science, Technology, and Society, 2017, 3, 351-374.	0.5	4
2961	Artificial Intelligence Technology Trends and IBM Watson References in the Medical Field. Korean Medical Education Review, 2016, 18, 51-57.	0.1	12
2962	Timing and approaches in congenital cataract surgery: a four-year, two-layer randomized controlled trial. International Journal of Ophthalmology, 2017, 10, 1835-1843.	0.5	9
2963	NETs: organ-related epigenetic derangements and potential clinical applications. Oncotarget, 2016, 7, 57414-57429.	0.8	23
2964	Viscoelasticity as a measurement of clot structure in poorly controlled type 2 diabetes patients: towards a precision and personalized medicine approach. Oncotarget, 2016, 7, 50895-50907.	0.8	20
2965	Prediction and diagnosis of renal cell carcinoma using nuclear magnetic resonance-based serum metabolomics and self-organizing maps. Oncotarget, 2016, 7, 59189-59198.	0.8	58
2966	Personalized anticancer therapy selection using molecular landscape topology and thermodynamics. Oncotarget, 2017, 8, 18735-18745.	0.8	21

#	ARTICLE	IF	CITATIONS
2967	<i>NRAS</i> germline variant G138R and multiple rare somatic mutations on <i>APC</i> in colorectal cancer patients in Taiwan by next generation sequencing. <i>Oncotarget</i> , 2016, 7, 37566-37580.	0.8	5
2968	Future paradigms for precision oncology. <i>Oncotarget</i> , 2016, 7, 46813-46831.	0.8	23
2969	Validation of a multi-omics strategy for prioritizing personalized candidate driver genes. <i>Oncotarget</i> , 2016, 7, 38440-38450.	0.8	6
2970	Evolution and Restoration of Structures and Functions of the Human Central Nervous Systemâ€”A Review. <i>Translational Neuroscience and Clinics</i> , 2015, 1, 60-70.	0.1	1
2971	Preface: Precision Medicine Approaches to Health Disparities Research. <i>Ethnicity and Disease</i> , 2020, 30, 129-134.	1.0	10
2972	Can Precision Medicine Actually Help People Like Me? African American and Hispanic Perspectives on the Benefits and Barriers of Precision Medicine. <i>Ethnicity and Disease</i> , 2020, 30, 149-158.	1.0	23
2973	Type 2 Diabetes Prevention: Implications of Hemoglobin A1c Genetics. <i>Review of Diabetic Studies</i> , 2015, 12, 351-362.	0.5	14
2974	CYP2B6 Genotype Guided Dosing of Propofol Anesthesia in the Elderly Based on Nonparametric Population Pharmacokinetic Modeling and Simulations. <i>International Journal of Clinical Pharmacology & Toxicology</i> , 0, , 242-249.	1.0	7
2975	Toward precision medicine in neurological diseases. <i>Annals of Translational Medicine</i> , 2016, 4, 104-104.	0.7	27
2976	On-site Cytology for Development of Patient-Derived Three-dimensional Organoid Cultures â€” A Pilot Study. <i>Anticancer Research</i> , 2017, 37, 1569-1573.	0.5	9
2977	The Use of Cancer-Specific Patient-Centered Technologies Among Underserved Populations in the United States: Systematic Review. <i>Journal of Medical Internet Research</i> , 2019, 21, e10256.	2.1	46
2978	How Returning Aggregate Research Results Impacts Interest in Research Engagement and Planned Actions Relevant to Health Care Decision Making: Cohort Study. <i>Journal of Medical Internet Research</i> , 2018, 20, e10647.	2.1	7
2979	Elements of Trust in Digital Health Systems: Scoping Review. <i>Journal of Medical Internet Research</i> , 2018, 20, e11254.	2.1	101
2980	Implementation of National Health Informatization in China: Survey About the Status Quo. <i>JMIR Medical Informatics</i> , 2019, 7, e12238.	1.3	12
2981	Developing a Physical Activity Ontology to Support the Interoperability of Physical Activity Data. <i>Journal of Medical Internet Research</i> , 2019, 21, e12776.	2.1	21
2982	Health Care and Precision Medicine Research: Analysis of a Scalable Data Science Platform. <i>Journal of Medical Internet Research</i> , 2019, 21, e13043.	2.1	68
2983	Precision Healthâ€”Enabled Machine Learning to Identify Need for Wraparound Social Services Using Patient- and Population-Level Data Sets: Algorithm Development and Validation. <i>JMIR Medical Informatics</i> , 2020, 8, e16129.	1.3	11
2984	An Analysis of the Learning Health System in Its First Decade in Practice: Scoping Review. <i>Journal of Medical Internet Research</i> , 2020, 22, e17026.	2.1	74

#	ARTICLE	IF	CITATIONS
2985	Developing Empirical Decision Points to Improve the Timing of Adaptive Digital Health Physical Activity Interventions in Youth: Survival Analysis. JMIR MHealth and UHealth, 2020, 8, e17450.	1.8	2
2986	The iPrevent Online Breast Cancer Risk Assessment and Risk Management Tool: Usability and Acceptability Testing. JMIR Formative Research, 2018, 2, e24.	0.7	10
2987	Information Needs in the Precision Medicine Era: How Genetics Home Reference Can Help. Interactive Journal of Medical Research, 2016, 5, e13.	0.6	40
2988	Impact of an Electronic Health Record-Integrated Personal Health Record on Patient Participation in Health Care: Development and Randomized Controlled Trial of MyHealthKeeper. Journal of Medical Internet Research, 2017, 19, e401.	2.1	67
2989	Participant-Partners in Genetic Research: An Exome Study with Families of Children with Unexplained Medical Conditions. Journal of Participatory Medicine, 2018, 10, e2.	0.7	2
2990	A Predictive Model for Medical Events Based on Contextual Embedding of Temporal Sequences. JMIR Medical Informatics, 2016, 4, e39.	1.3	48
2991	Issues Associated With the Use of Semantic Web Technology in Knowledge Acquisition for Clinical Decision Support Systems: Systematic Review of the Literature. JMIR Medical Informatics, 2017, 5, e18.	1.3	11
2992	Patient Similarity in Prediction Models Based on Health Data: A Scoping Review. JMIR Medical Informatics, 2017, 5, e7.	1.3	72
2993	mActive-Smoke: A Prospective Observational Study Using Mobile Health Tools to Assess the Association of Physical Activity With Smoking Urges. JMIR MHealth and UHealth, 2018, 6, e121.	1.8	5
2994	Managing Patient-Generated Health Data Through Mobile Personal Health Records: Analysis of Usage Data. JMIR MHealth and UHealth, 2018, 6, e89.	1.8	45
2995	Precision medicine for pediatric inflammatory bowel disease: a perspective. Precision and Future Medicine, 2020, 4, 43-52.	0.5	2
2996	Laboratory diagnostics as a basis for 5P medicine. , 2019, , 5-12.	0.1	2
2997	Disaster E-Health Framework for Community Resilience. , 2018, , .		2
2998	Rilpivirine: The Key for Long-term Success. AIDS Reviews, 2017, 19, .	0.5	7
2999	Associations between Modifiable Health-Risk Behaviors and Personality Types. Innovations in Pharmacy, 2017, 8, .	0.2	1
3000	Genomic sequencing in clinical practice: applications, challenges, and opportunities. Dialogues in Clinical Neuroscience, 2016, 18, 299-312.	1.8	59
3001	Precision medicine and monoclonal antibodies: breach of promise?. Croatian Medical Journal, 2019, 60, 284-289.	0.2	9
3002	Views on Precision Medicine among Health Professionals in Korea: A Mixed Methods Study. Yonsei Medical Journal, 2020, 61, 192.	0.9	4

#	ARTICLE	IF	CITATIONS
3003	Radiogenomics of breast cancer as new vector of interdisciplinary integration of radiation and molecular biological technologies (literature review). <i>Medical Alphabet</i> , 2020, , 21-29.	0.0	3
3004	Common genetic variants shared among five major psychiatric disorders: a large-scale genome-wide combined analysis. <i>Global Clinical and Translational Research</i> , 2019, , 21-30.	0.4	10
3005	Engaging Patients With Advance Directives Using an Information Visualization Approach. <i>Journal of Gerontological Nursing</i> , 2016, 42, 16-20.	0.3	7
3006	Precision Health: Use of Omics to Optimize Self-Management of Chronic Pain in Aging. <i>Research in Gerontological Nursing</i> , 2018, 11, 7-13.	0.2	9
3008	Cancer biomarker discovery and validation. <i>Translational Cancer Research</i> , 2015, 4, 256-269.	0.4	354
3009	An overview of the NCI precision medicine trials-NCI MATCH and MPACT. <i>Chinese Clinical Oncology</i> , 2015, 4, 31.	0.4	53
3010	Toward precision medicine in amyotrophic lateral sclerosis. <i>Annals of Translational Medicine</i> , 2016, 4, 27.	0.7	10
3011	Toward precision medicine in Parkinson's disease. <i>Annals of Translational Medicine</i> , 2016, 4, 26.	0.7	18
3012	Deep Learning for Healthcare Biometrics. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , 2019, , 73-108.	0.3	3
3013	Personalized prostate cancer care: from screening to treatment. <i>Asian Journal of Andrology</i> , 2016, 18, 505.	0.8	8
3014	Precision diabetes: Where do we stand today?. <i>Indian Journal of Medical Research</i> , 2018, 148, 472.	0.4	7
3015	Personalized Medicine. <i>Journal of Mahatma Gandhi Institute of Medical Sciences</i> , 2019, 24, 1.	0.1	1
3016	Accelerating protein biomarker discovery and translation from proteomics research for clinical utility. <i>Bioanalysis</i> , 2020, 12, 1469-1481.	0.6	10
3017	Chinese Society of Allergy and Chinese Society of Otorhinolaryngology-Head and Neck Surgery Guideline for Chronic Rhinosinusitis. <i>Allergy, Asthma and Immunology Research</i> , 2020, 12, 176.	1.1	42
3018	Next Generation DNA Sequencing (II): Techniques, Applications. <i>Journal of Next Generation Sequencing & Applications</i> , 2015, 01, .	0.3	9
3019	Health Analytics, Economics and Medicine toward a 21 st Century Health Care System. <i>Health</i> , 2016, 08, 428-443.	0.1	2
3020	Mitotic Slippage Process Concealed Cancer-Sought Chromosome Instability Mechanism (S-CIN). <i>Journal of Cancer Therapy</i> , 2017, 08, 608-623.	0.1	6
3021	Genomic Instability in Cancer II: 4N-Skewed (90%#176;) Reductive Division via Fragile Sites to Fitness Increase for Solid and Hematological Cancer Beginnings. <i>Journal of Cancer Therapy</i> , 2019, 10, 537-564.	0.1	4

#	ARTICLE	IF	CITATIONS
3022	Factors that Motivate Participation in Observational Genetic Cancer Research Studies. <i>Open Journal of Epidemiology</i> , 2019, 09, 156-172.	0.2	12
3023	Fifteen years of bone marrow mononuclear cell therapy in acute myocardial infarction. <i>World Journal of Stem Cells</i> , 2017, 9, 68.	1.3	13
3024	A CD-based Mapping Method for Combining Multiple Related Parameters from Heterogeneous Intervention Trials. <i>Statistics and Its Interface</i> , 2020, 13, 533-549.	0.2	12
3025	Role of ZAC1 in transient neonatal diabetes mellitus and glucose metabolism. <i>World Journal of Biological Chemistry</i> , 2015, 6, 95.	1.7	12
3026	High participation rate among 25 721 patients with broad age range in a hospital-based research project involving whole-genome sequencing – the Lausanne Institutional Biobank. <i>Swiss Medical Weekly</i> , 2017, 147, w14528.	0.8	9
3027	COVID-19 and digital competencies among young physicians: are we (really) ready for the new era? A national survey of the Italian Young Medical Doctors Association. <i>Annali Dell'Istituto Superiore Di Sanita</i> , 2021, 57, 1-6.	0.2	13
3028	A Systematic Method for Exploring Data Attributes in Preparation for Designing Tailored Infographics of Patient Reported Outcomes. <i>EGEMS (Washington, DC)</i> , 2018, 6, 2.	2.0	13
3029	Willingness to Participate in Health Information Networks with Diverse Data Use: Evaluating Public Perspectives. <i>EGEMS (Washington, DC)</i> , 2019, 7, 33.	2.0	11
3030	Pharmacogenetics of immunosuppressant drugs: A new aspect for individualized therapy. <i>World Journal of Transplantation</i> , 2020, 10, 90-103.	0.6	9
3031	Default mode-visual network hypoconnectivity in an autism subtype with pronounced social visual engagement difficulties. <i>ELife</i> , 2019, 8, .	2.8	45
3032	“Getting off the Bus Closer to Your Destination” Patients’ Views about Pharmacogenetic Testing. , 2015, 19, 21-27.		18
3033	Moving beyond a “one-size-fits-all” rationale in global mental health: prospects of a precision psychology paradigm. <i>Epidemiology and Psychiatric Sciences</i> , 2021, 30, e63.	1.8	10
3034	Epigenetics and the International Classification of Functioning, Disability and Health Model: Bridging Nature, Nurture, and Patient-Centered Population Health. <i>Physical Therapy</i> , 2022, 102, .	1.1	7
3035	SMART COVID Navigator, a Clinical Decision Support Tool for COVID-19 Treatment: Design and Development Study. <i>Journal of Medical Internet Research</i> , 2022, 24, e29279.	2.1	4
3037	Epigenetic interplay between methylation and miRNA in bladder cancer: focus on isoform expression. <i>BMC Genomics</i> , 2021, 22, 754.	1.2	3
3038	Clinician perspectives on communication and implementation challenges in precision oncology. <i>Personalized Medicine</i> , 2021, 18, 559-572.	0.8	7
3040	Disparities in Clinical Trial Participation. <i>Surgical Oncology Clinics of North America</i> , 2022, 31, 55-64.	0.6	3
3041	Radiomics in breast MRI: current progress toward clinical application in the era of artificial intelligence. <i>Radiologia Medica</i> , 2022, 127, 39-56.	4.7	44

#	ARTICLE	IF	CITATIONS
3042	A Risk-Prediction Nomogram for Neutropenia or Febrile Neutropenia after Etoposide-Based Chemotherapy in Cancer Patients: A Retrospective Cohort Study. <i>Pharmacology</i> , 2022, 107, 69-80.	0.9	1
3043	In Search of a Unifying Concept in Human Diseases. <i>Diseases (Basel, Switzerland)</i> , 2021, 9, 68.	1.0	2
3044	Analysis of dynamic psychological processes to understand and promote physical activity behaviour using intensive longitudinal methods: a primer. <i>Health Psychology Review</i> , 2022, 16, 492-525.	4.4	9
3045	Evolution and restoration of structures and functions of the human central nervous system—A review. <i>Translational Neuroscience and Clinics</i> , 2015, 1, 60-70.	0.1	0
3046	Retinitis Pigmentosa Research in the Era of Precision Medicine: Discovery to Translation. <i>Journal of Clinical & Experimental Ophthalmology</i> , 2015, 06, .	0.1	0
3049	Personalized Medicine. , 2015, , 1-16.		0
3052	Standards and Oversight in Clinical Use of Next Generation Sequencing: Meeting Review from the FDA Public Workshop on NGS Testing. <i>Journal of Investigative Genomics</i> , 2015, 2, .	0.2	0
3054	TESTING POPULATION-SPECIFIC QUANTITATIVE TRAIT ASSOCIATIONS FOR CLINICAL OUTCOME RELEVANCE IN A BIOREPOSITORY LINKED TO ELECTRONIC HEALTH RECORDS: <i>LPA</i> AND MYOCARDIAL INFARCTION IN AFRICAN AMERICANS. , 2016, , .		3
3055	BIOFILTER AS A FUNCTIONAL ANNOTATION PIPELINE FOR COMMON AND RARE COPY NUMBER BURDEN. , 2016, , .		2
3056	Perspective of a New Precision Medicine and Health Care Research. <i>Health Policy and Management</i> , 2015, 25, 253-255.	0.3	0
3057	Alternative Cellular Energy Pathway Therapy Using KELEA Activated Water. <i>International Journal of Complementary & Alternative Medicine</i> , 2015, 2, .	0.1	16
3058	Introduction to Applications of Genomic Sequencing. , 2016, , 427-433.		0
3059	Primary Exploring of POGIL-MOOC Combined Teaching Mode for Medical Graduate Education. , 0, , .		0
3060	Sustainable, Holistic, Adaptable, Real-Time, and Precise (SHARP) Approach Towards Developing Health and Wellness Systems. <i>Communications in Computer and Information Science</i> , 2016, , 157-171.	0.4	4
3062	Cell Biology: An Overview. , 2016, , xxvii-xxix.		0
3063	Cancer Prevention? Fundamental Genomic Alterations Are Present in Preneoplasia, Including Function of High Frequency Selected Mutations (HFSMs). <i>Journal of Cancer Therapy</i> , 2016, 07, 416-426.	0.1	2
3064	Advances in precision medicine â€™ time for a new journal. <i>Advances in Precision Medicine</i> , 2016, 1, 1.	0.1	0
3066	â€™The moleculeâ€™s the thing:â€™the promise of molecular modeling and dynamic simulations in aiding the prioritization and interpretation of genomic testing results. <i>F1000Research</i> , 2016, 5, 766.	0.8	5

#	ARTICLE	IF	CITATIONS
3068	Towards a personalized risk assessment for exposure of humans to toxic substances. <i>Cadernos Saude Coletiva</i> , 2016, 24, 262-273.	0.2	1
3070	Greater Expectations for Pharmaceutical Value: Better Care, Healthier People, Smarter Spending. <i>Innovations in Pharmacy</i> , 2016, 7, .	0.2	2
3071	What is Person Centered Medicine: Conceptual Review with Focus on George Engelâ€™s Perspectives. <i>International Journal of Person Centered Medicine</i> , 2016, 6, 83-90.	0.2	5
3073	Precision medicine for managing chronic diseases. <i>Polish Archives of Internal Medicine</i> , 2016, 126, 681-687.	0.3	5
3076	Introduction: From the Inhibition of Dogmas to the Concept of Personalized Management in Patients with Diffuse Low-Grade Gliomas. , 2017, , 1-9.		0
3077	Approaches to Personalized Medicine in Pediatric Neurology. , 2017, , 1244-1247.		0
3078	Biomarkers in Clinical Trials for Rheumatoid Arthritis. , 2017, , 15-33.		0
3079	Recommendations and Research Growing for Pediatric Cancer Predisposition Syndromes. , 2017, 14, .		0
3080	Toxicity Predictionâ€™Regulatory Perspective. , 2017, , 285-303.		0
3081	Diffuse Low-Grade Glioma Associated Stem Cells. , 2017, , 151-172.		1
3082	Data-Driven Approaches for Developing Clinical Practice Guidelines. <i>Advances in Healthcare Information Systems and Administration Book Series</i> , 2017, , 30-46.	0.2	1
3084	Cancer Epigenomics on Precision Medicine and Immunotherapy. , 2017, , 1-21.		0
3085	Texture analysis of the developing human brain using customization of a knowledge-based system. <i>F1000Research</i> , 0, 6, 40.	0.8	2
3087	Principles of Endocrine Diseases. <i>Endocrinology</i> , 2017, , 1-23.	0.1	0
3088	Big Data Science and Doctoral Education in Nursing. <i>Computers in Health Care</i> , 2017, , 407-426.	0.2	0
3089	A Linked Democracy Approach for Regulating Public Health Data. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
3090	Surgery for Diffuse Low-Grade Gliomas (DLGG) Functional Outcomes. , 2017, , 497-533.		0
3091	Precision medicine, imprecision medicine; two ends of a biological telescope?. <i>The Journal of Health Design</i> , 0, , 5-8.	0.4	0

#	ARTICLE	IF	CITATIONS
3092	Checking Questionable Entry of Personally Identifiable Information Encrypted by One-Way Hash Transformation. JMIR Medical Informatics, 2017, 5, e2.	1.3	1
3095	Introductory Chapter: From Chaos to Cosmos – Toward Precision Medicine in Osteosarcoma. , 0, , .		0
3098	Big Data to Big Knowledge for Next Generation Medicine: A Data Science Roadmap. Studies in Big Data, 2018, , 371-399.	0.8	0
3100	16. Diagnostic Support from Information Technology. , 2017, , 289-308.		0
3103	Big Data and Data Science Applications for Independent and Healthy Living. , 2018, , 77-111.		2
3104	Texture analysis of the developing human brain using customization of a knowledge-based system. F1000Research, 0, 6, 40.	0.8	0
3107	Gene Fusions. Molecular Pathology Library, 2018, , 137-151.	0.1	0
3110	The Mechanistic Basis of Cancer Prevention. , 0, , 147-170.		0
3115	Introduction to Adaptive Interventions. Statistics for Social and Behavioral Sciences, 2018, , 267-287.	0.3	3
3118	Genomic Instability in Cancer I: DNA-Repair Triggering Primitive Hereditary 4n-Skewed, Amitotic Division-System, the Culprit in EMT/MET/Metaplasia Cancer-Concepts. Journal of Cancer Therapy, 2018, 09, 974-997.	0.1	5
3119	General Functional Connectivity: Shared Features of Restingstate and Task FMRI Drive Reliable Individual Differences in Functional Brain Networks. SSRN Electronic Journal, 0, , .	0.4	0
3120	Education in Psychiatry for Psychologists. Mental Health and Illness Worldwide, 2018, , 1-17.	0.1	0
3122	Precision Medicine for Allergic Airway Diseases. Practica Otologica, 2018, 111, 151-156.	0.0	0
3124	Onkologika. , 2018, , 645-691.		1
3125	Be cautious to bid farewell to GBMO: evidence from a propensity score analysis. Glioma (Mumbai,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.0	0
3126	æ°â¼4âfçãf†ãf«ã«ã,^ã,æ...çæ€Sâ¿fã,â...æ,£è€...ã®ã°ã¾4CEä°æ,-ãšã,^ã¾ã°ã¾4CEé-çé€£â»ã®®ãCEã®š. Journal ofICS Cardiologists, 20		0
3127	Charting a Course for Genomic Medicine from Base Pair to Bedside. , 2018, , 215-225.		0
3128	Assessing the performance of quantitative image features on early stage prediction of treatment effectiveness for ovary cancer patients: a preliminary investigation. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
3130	Statistical Methods for Clinical Trial Designs in the New Era of Cancer Treatment. <i>Biostatistics and Biometrics Open Access Journal</i> , 2018, 5, .	0.1	0
3131	Simultaneous Estimation of Bias and Resolution in PET Images with a Long-Lived "Pocket" Phantom System. <i>Tomography</i> , 2018, 4, 33-41.	0.8	1
3132	La narrazione in medicina: il racconto autobiografico come strumento di elaborazione dell'esperienza professionale in un reparto di oncologia pediatrica. <i>Ricerche Di Psicologia</i> , 2018, , 145-159.	0.2	0
3140	Long-term preservation of biomedical research data. <i>F1000Research</i> , 2018, 7, 1353.	0.8	8
3143	Precision medicine as a promising tool to empower research in healthcare industry. <i>GSC Biological and Pharmaceutical Sciences</i> , 2018, 4, 074-079.	0.1	0
3144	Personalized Medicine And Why We Are Not There Yet. , 2018, , .		0
3145	New Journal Launch: Global Clinical and Translational Research. <i>Global Clinical and Translational Research</i> , 2019, , 2-3.	0.4	0
3148	A Movement toward Precision Medicine in Acute Brain Injury: The Role of the Cerebral Venous System. <i>Springer Series in Translational Stroke Research</i> , 2019, , 245-253.	0.1	0
3150	AICM: A Genuine Framework for Correcting Inconsistency Between Large Pharmacogenomics Datasets. , 2018, , .		3
3151	Contributions of Science and Technology to Better Healthcare. <i>Biomedical Journal of Scientific & Technical Research</i> , 2018, 11, .	0.0	0
3155	Overview of Deep Learning Models in Biomedical Domain with the Help of R Statistical Software. <i>Serbian Journal of Experimental and Clinical Research</i> , 2022, 23, 3-11.	0.2	0
3156	Asthma Phenotype and Endotype. <i>Respiratory Disease Series</i> , 2019, , 65-70.	0.1	0
3157	The Clinical Research Environment. <i>Computers in Health Care</i> , 2019, , 27-47.	0.2	1
3158	Deep Learning Models for Medical Image Analysis: Challenges and Future Directions. <i>Lecture Notes in Computer Science</i> , 2019, , 20-32.	1.0	1
3159	<i>Onkologika.</i> , 2019, , 817-875.		0
3160	Genomic Revolution-Driven Cancer Research. , 2019, , 39-60.		0
3161	Surgery, Perioperative Treatment and Prognostic Factors Based on Genetic and Epigenetic Alterations in Colorectal Cancer. <i>Juntendo Medical Journal</i> , 2019, 65, 194-202.	0.1	0
3163	Stromal Barriers Within the Tumor Microenvironment and Obstacles to Nanomedicine. , 2019, , 57-89.		3

#	ARTICLE	IF	CITATIONS
3164	Grant Report on PREDICT-ADFTD: Multimodal Imaging Prediction of AD/FTD and Differential Diagnosis. Journal of Psychiatry and Brain Science, 2019, 4, .	0.3	3
3165	Metastable Regimes and Tipping Points of Biochemical Networks with Potential Applications in Precision Medicine. Computational Biology, 2019, , 269-295.	0.1	4
3167	Pharmacogenetics, Pharmacogenomics, and Personalized Medicine. , 2019, , 235-259.		1
3168	Big Data Challenges from an Integrative Exposome/Exposure Perspective. Lecture Notes in Bioengineering, 2019, , 127-141.	0.3	3
3169	Leveraging Omics Biomarker Data in Drug Development: With a GWAS Case Study. Springer Proceedings in Mathematics and Statistics, 2019, , 317-325.	0.1	0
3170	Influence of Genetic Factor on Oxidative Stress Mediated Heart Damage. , 2019, , 235-251.		0
3171	Preparing for The Era of Precision Medicine to Improve Individualized Outcomes in Women with Breast Cancer. Eurasian Journal of Medicine and Oncology, 2019, , .	1.0	0
3172	Neuropsychology. Autism and Child Psychopathology Series, 2019, , 461-481.	0.1	0
3173	Education in Psychiatry for Psychologists. Mental Health and Illness Worldwide, 2019, , 101-117.	0.1	0
3174	The Role of Diet, Physical Activity, and Body Composition in Cancer Prevention. , 2019, , 53-110.		0
3175	Emerging Technologies and Health. , 2019, , 37-78.		0
3176	Introductory Chapter: From Measuring Serotonin Neurotransmission to Evaluating Serotonin Post-Receptor Signaling Transduction. , 0, , .		0
3178	NPC POPLINE: A Tool for Population and Reproductive Health Evidence-Based Decisions in Egypt. Open Access Macedonian Journal of Medical Sciences, 2019, 7, 887-892.	0.1	0
3179	Awareness, knowledge, perceived benefits, and barriers regarding precision medicine and willingness to participate in a national registry: Comparison of cancer patients and the general population (Preprint). JMIR Cancer, 0, , .	0.9	0
3181	Application and Challenges of Big Data Science in Medical Research. The Journal of the Japanese Society of Internal Medicine, 2019, 108, 1007-1014.	0.0	0
3182	The Cancer Precision Medicine Diagnosis and Treatment (K-MASTER) Enterprise. Korean Journal of Medicine, 2019, 94, 246-251.	0.1	1
3183	Does evidence support the high expectations placed in precision medicine? A bibliographic review. F1000Research, 2018, 7, 30.	0.8	14
3189	Precision Medicine and Complexity. , 2020, , 149-173.		0

#	ARTICLE	IF	CITATIONS
3191	Informatics for a Precision Learning Healthcare System. <i>Computers in Health Care</i> , 2020, , 223-250.	0.2	0
3193	Risk Stratification and Prognosis Using Predictive Modelling and Big Data Approaches. <i>Computers in Health Care</i> , 2020, , 87-105.	0.2	0
3195	Genetic Counseling at the Intersection of Clinical Genetics and Informatics. <i>Computers in Health Care</i> , 2020, , 39-58.	0.2	1
3198	Frequency of ClinVar Pathogenic Variants in Chronic Kidney Disease Patients Surveyed for Return of Research Results at a Cleveland Public Hospital. , 2019, , .		1
3200	Study on Big Data-Supported Clinical Oncology. , 2020, , 325-349.		0
3201	Precision Medicine: Addressing the Challenges of Sharing, Analysis, and Privacy at Scale. , 2019, , .		0
3202	Incidental Findings of Sickle Cell Trait From an Everyday Diabetes Test: Should General Health Care Providers and Testing Centers Report, Retest, or Refer?. <i>Clinical Diabetes</i> , 2020, 38, 101-107.	1.2	1
3204	Implementing COPD Precision Medicine in Clinical Practice. <i>Respiratory Medicine</i> , 2020, , 383-392.	0.1	1
3205	Screening for Occupational Cancer. , 2020, , 603-611.		0
3206	Introduction and Principles of Pharmacogenomics in Precision Medicine. , 2020, , 1-19.		0
3207	Onkologika. , 2020, , 671-732.		2
3208	Genetics and the Gynecologic Patient. <i>Ochsner Journal</i> , 2020, 20, 446-451.	0.5	3
3209	Four Actionable Bottlenecks and Potential Solutions to Translating Psychiatric Genetics Research: An Expert Review. <i>Public Health Genomics</i> , 2020, 23, 171-183.	0.6	1
3216	Future challenges. , 2020, , 287-299.		0
3218	Convergence Science to Transform Biomedicine: A Narrative Review. <i>Iranian Journal of Public Health</i> , 0, , .	0.3	1
3220	THE RESPONSIBILITY OF PUBLIC INSTITUTIONS IN GENETICS EDUCATION: INTERNATIONAL EXPERIENCE. <i>Courier of Kutafin Moscow State Law University (MSAL)</i> , 2020, , 88-96.	0.0	0
3223	To what extent do Internet-based cancer risk assessment tools adhere to best practices in risk communication: A content analysis (Preprint). <i>Journal of Medical Internet Research</i> , 0, , .	2.1	4
3224	A roadmap for precision medicine research recruitment: empirical assessment of the public's willingness to participate. <i>Personalized Medicine</i> , 2020, 17, 345-359.	0.8	1

#	ARTICLE	IF	CITATIONS
3225	Cluster-Guided Multiscale Lung Modeling via Machine Learning. , 2020, , 2699-2718.		0
3226	Public Health Informatics in the Larger Context of Biomedical and Health Informatics. Computers in Health Care, 2020, , 31-41.	0.2	1
3227	Players in the Development of Personalized Medicine. , 2021, , 625-659.		0
3228	The Implementation of Precision Education for Learning Analytics. , 2020, , .		3
3229	A semi-supervised approach for rapidly creating clinical biomarker phenotypes in the UK Biobank using different primary care EHR and clinical terminology systems. JAMIA Open, 2021, 3, 545-556.	1.0	8
3231	Forging Forward Together: Transforming Scientific Practice to Accelerate Scientific Progress. Annals of Behavioral Medicine, 2020, 54, 968-977.	1.7	0
3232	Applying Precision Medicine in Clinical Practice. Korean Journal of Medicine, 2020, 95, 382-386.	0.1	4
3233	Stable Discovery of Interpretable Subgroups via Calibration in Causal Studies. International Statistical Review, 2020, 88, S135.	1.1	7
3234	Riding the Wave of Digital Transformation in Behavioral Medicine. Annals of Behavioral Medicine, 2020, 54, 960-967.	1.7	4
3235	Oncology Acupuncture: Precision Medicine Meets Patient-Centered Care. Medical Acupuncture, 2020, 32, 405-407.	0.3	1
3236	Introduction to clinical pharmacology. , 2022, , 1-10.		0
3237	The Latest Trends in Attention Mechanisms and Their Application in Medical Imaging. Journal of the Korean Society of Radiology, 2020, 81, 1305.	0.1	3
3239	The Manual Therapy and Strengthening for the Hip (MASH) Trial: Protocol for a Multisite Randomized Trial of a Subgroup of Older Adults With Chronic Back and Hip Pain. Physical Therapy, 2022, 102, .	1.1	3
3240	The basic principals of pharmacogenetics testing in cancer treatment. Hospital Pharmacology, 2020, 7, 895-902.	0.1	0
3241	The Future of Injury Control Is Precise. , 2020, , 183-198.		1
3242	Precision Medicine and Dilated Cardiomyopathy. Methods in Molecular Biology, 2020, 2204, 161-171.	0.4	1
3243	Literature Retrieval for Precision Medicine with Neural Matching and Faceted Summarization. , 2020, 2020, 3389-3399.		5
3244	Precision medicine in neurology. , 2020, , 27-39.		1

#	ARTICLE	IF	CITATIONS
3245	The role of metabolomics in personalized medicine. , 2020, , 227-244.		1
3246	Lessons for Precision Medicine from Lung Cancer. Respiratory Medicine, 2020, , 201-223.	0.1	0
3247	Applications of Salivary Bioscience to Precision Medicine. , 2020, , 711-721.		1
3248	Using Cluster Analysis to Assess the Impact of Dataset Heterogeneity on Deep Convolutional Network Accuracy: A First Glance. Communications in Computer and Information Science, 2020, , 307-319.	0.4	5
3249	Precision medicine in the genomic era. , 2020, , 445-452.		0
3250	Conclusion: Innovative Research. , 2020, , 169-184.		0
3251	Droplet Microfluidics for Precision Medicine. RSC Detection Science, 2020, , 253-278.	0.0	0
3252	Journal of Otolaryngology		
3253	Will You Move The Needle of Medicine?. , 2020, , 777-782.		0
3254	Ischemic Attack. , 2020, , 1-6.		0
3255	American Indian and Alaska Native Fathers and Their Sacred Children. , 2020, , 521-536.		3
3257	The Paradigm of Early Phase Studies in Hematological Malignancies. , 2020, , 297-311.		0
3258	Analytical Challenges of Next-generation Sequencing in Precision Medicine. RSC Detection Science, 2020, , 153-168.	0.0	0
3259	Cardiometabolic Diseases: Biochemistry, Pathophysiology and Medical Innovations. Biochemistry and Modern Applications, 2020, , 1-5.	0.0	0
3260	Mentoring Programs by and for a New Generation of Latino Investigators in Behavioral-Social Science HIV Research. Ethnicity and Disease, 2020, 30, 305-312.	1.0	3
3261	Survival cluster analysis. , 2020, , .		18
3262	Intraoperative Guidance Using Hyperspectral Imaging: A Review for Surgeons. Diagnostics, 2021, 11, 2066.	1.3	33
3264	Precision medicine implementation and research-practice partnerships: implications of measurement scale differential item functioning. F1000Research, 0, 9, 782.	0.8	0

#	ARTICLE	IF	CITATIONS
3265	Personomics – an innovative tool of precision medicine and its role in the individualized treatment of patients with breast cancer. <i>Asia-Pacific Journal of Oncology</i> , 2020, , 1-8.	0.2	0
3268	Data-Driven Approaches for Developing Clinical Practice Guidelines. , 0, , 1307-1323.		0
3269	Personalized Anesthesia in Hematology. , 2021, , 231-274.		2
3270	Interactive Process Mining in Healthcare: An Introduction. <i>Computers in Health Care</i> , 2021, , 1-9.	0.2	3
3272	Big Data Analytics in Health Informatics for Precision Medicine. <i>Smart Innovation, Systems and Technologies</i> , 2021, , 405-412.	0.5	0
3273	The mediating effects of public genomic knowledge in precision medicine implementation: A structural equation model approach. <i>PLoS ONE</i> , 2020, 15, e0240585.	1.1	3
3274	A CD205-directed antibody drug conjugate – lymphoma precision oncology or sophisticated chemotherapy?. <i>Haematologica</i> , 2020, 105, 2504-2506.	1.7	0
3275	Futures for Health Research Data Platforms From the Participants’ Perspectives. , 2020, , .		2
3276	Clinical Decision Support May Link Multiple Domains to Improve Patient Care: Viewpoint. <i>JMIR Medical Informatics</i> , 2020, 8, e20265.	1.3	7
3277	Sex and gender considerations in health research: a trainee and allied research personnel perspective. <i>Humanities and Social Sciences Communications</i> , 2020, 7, .	1.3	1
3280	The Limits of FDA's Authority to Regulate Clinical Research Involving High-Throughput DNA Sequencing. <i>Food and Drug Law Journal</i> , 2015, 70, 259-87, ii.	0.4	9
3281	FDA's Proposed Guidance for Laboratory Developed Tests: How Should Regulators Balance the Risks and Promise of Innovation in Clinical Genetics?. <i>FDLI's Food and Drug Policy Forum</i> , 2015, 5, .	0.0	1
3282	Taking Control of Castleman Disease: Leveraging Precision Medicine Technologies to Accelerate Rare Disease Research. <i>Yale Journal of Biology and Medicine</i> , 2015, 88, 383-8.	0.2	4
3283	TESTING POPULATION-SPECIFIC QUANTITATIVE TRAIT ASSOCIATIONS FOR CLINICAL OUTCOME RELEVANCE IN A BIOREPOSITORY LINKED TO ELECTRONIC HEALTH RECORDS: LPA AND MYOCARDIAL INFARCTION IN AFRICAN AMERICANS. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , 2016, 21, 96-107.	0.7	2
3284	THE CHALLENGES IN USING ELECTRONIC HEALTH RECORDS FOR PHARMACOGENOMICS AND PRECISION MEDICINE RESEARCH. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , 2016, 21, 369-80.	0.7	5
3285	BIOFILTER AS A FUNCTIONAL ANNOTATION PIPELINE FOR COMMON AND RARE COPY NUMBER BURDEN. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , 2016, 21, 357-68.	0.7	2
3286	Analyses of Merging Clinical and Viral Genetic Data for Influenza Surveillance. <i>AMIA ... Annual Symposium proceedings</i> , 2015, 2015, 1995-2004.	0.2	0
3287	Breast cancer multigene testing trends and impact on chemotherapy use. <i>American Journal of Managed Care</i> , 2016, 22, e153-60.	0.8	14

#	ARTICLE	IF	CITATIONS
3288	My Cancer Genome: Evaluating an Educational Model to Introduce Patients and Caregivers to Precision Medicine Information. AMIA Summits on Translational Science Proceedings, 2016, 2016, 112-21.	0.4	11
3289	Towards Evidence-based Precision Medicine: Extracting Population Information from Biomedical Text using Binary Classifiers and Syntactic Patterns. AMIA Summits on Translational Science Proceedings, 2016, 2016, 203-12.	0.4	2
3290	To Share or Not to Share: Ethical Acquisition and Use of Medical Data. AMIA Summits on Translational Science Proceedings, 2016, 2016, 420-7.	0.4	4
3291	Searching in the Dark: Phenotyping Diabetic Retinopathy in a De-Identified Electronic Medical Record Sample of African Americans. AMIA Summits on Translational Science Proceedings, 2016, 2016, 221-30.	0.4	2
3292	Expanding Interprofessional EHR Data in i2b2. AMIA Summits on Translational Science Proceedings, 2016, 2016, 260-8.	0.4	5
3293	Primary care providers' experiences with and perceptions of personalized genomic medicine. Canadian Family Physician, 2016, 62, e626-e635.	0.1	65
3294	METHODS TO ENHANCE THE REPRODUCIBILITY OF PRECISION MEDICINE. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2016, 21, 180-182.	0.7	6
3295	PRECISION MEDICINE: DATA AND DISCOVERY FOR IMPROVED HEALTH AND THERAPY. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2016, 21, 243-8.	0.7	4
3296	Usefulness of dynamic contrast-enhanced magnetic resonance imaging for predicting treatment response to vinorelbine-cisplatin with or without recombinant human endostatin in bone metastasis of non-small cell lung cancer. American Journal of Cancer Research, 2016, 6, 2890-2900.	1.4	3
3297	Precision medicine and molecular imaging: new targeted approaches toward cancer therapeutic and diagnosis. American Journal of Nuclear Medicine and Molecular Imaging, 2016, 6, 310-327.	1.0	43
3298	CYP2B6 Genotype Guided Dosing of Propofol Anesthesia in the Elderly based on Nonparametric Population Pharmacokinetic Modeling and Simulations. International Journal of Clinical Pharmacology & Toxicology, 2017, 6, 242-249.	1.0	7
3299	Feasibility of Representing Data from Published Nursing Research Using the OMOP Common Data Model. AMIA ... Annual Symposium proceedings, 2016, 2016, 715-723.	0.2	2
3301	Personomics and Precision Medicine. Transactions of the American Clinical and Climatological Association, 2017, 128, 160-168.	0.9	8
3302	Reducing Clinical Noise for Body Mass Index Measures Due to Unit and Transcription Errors in the Electronic Health Record. AMIA Summits on Translational Science Proceedings, 2017, 2017, 102-111.	0.4	13
3303	Enabling Comprehension of Patient Subgroups and Characteristics in Large Bipartite Networks: Implications for Precision Medicine. AMIA Summits on Translational Science Proceedings, 2017, 2017, 21-29.	0.4	5
3304	Fundamentals of Precision Medicine. Compendium of Continuing Education in Dentistry (Jamesburg, NJ), 2017, 10, 1-14.	0.1	1
3305	Considerations for automated machine learning in clinical metabolic profiling: Altered homocysteine plasma concentration associated with metformin exposure. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2018, 23, 460-471.	0.7	16
3306	Statistical Methods for Clinical Trial Designs in the New Era of Cancer Treatment. Biostatistics and Biometrics Open Access Journal, 2018, 5, .	0.1	1

#	ARTICLE	IF	CITATIONS
3308	Incorporating value into physician payment and patient cost sharing. American Journal of Managed Care, 2018, 24, 126-128.	0.8	3
3309	Genomics of adult and pediatric solid tumors. American Journal of Cancer Research, 2018, 8, 1356-1386.	1.4	14
3310	PRECISION MEDICINE: FROM DILOTYPES TO DISPARITIES TOWARDS IMPROVED HEALTH AND THERAPIES. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2018, 23, 389-399.	0.7	1
3311	Male Infertility, Precision Medicine and Systems Proteomics. Journal of Reproduction and Infertility, 2018, 19, 185-192.	1.0	5
3312	The Challenges of Precision Medicine and New Advances in Molecular Diagnostic Testing in Hematolymphoid Malignancies: Impact on the VHA. Federal Practitioner: for the Health Care Professionals of the VA, DoD, and PHS, 2017, 34, S50-S61.	0.6	0
3313	AICM: A Genuine Framework for Correcting Inconsistency Between Large Pharmacogenomics Datasets. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2019, 24, 248-259.	0.7	1
3314	Merging heterogeneous clinical data to enable knowledge discovery. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2019, 24, 439-443.	0.7	7
3315	Genetic Variations and Precision Medicine. Perspectives in Health Information Management / AHIMA, American Health Information Management Association, 2019, 16, 1a.	0.0	4
3316	A Method for Integrating Healthcare Provider Organization and Research Sponsor Systems and Workflows to Support Large-Scale Studies. AMIA Summits on Translational Science Proceedings, 2019, 2019, 648-655.	0.4	1
3317	Facilitating Inclusion of Geocoded Pollution Data into Health Studies. AMIA Summits on Translational Science Proceedings, 2019, 2019, 553-561.	0.4	2
3318	Genetically-guided algorithm development and sample size optimization for age-related macular degeneration cases and controls in electronic health records from the VA Million Veteran Program. AMIA Summits on Translational Science Proceedings, 2019, 2019, 153-162.	0.4	0
3319	The metabolome: A key measure for exposome research in epidemiology. Current Epidemiology Reports, 2019, 6, 93-103.	1.1	18
3320	Frequency of ClinVar Pathogenic Variants in Chronic Kidney Disease Patients Surveyed for Return of Research Results at a Cleveland Public Hospital. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2020, 25, 575-586.	0.7	1
3321	Conditionally reprogrammed colorectal cancer cells combined with mouse avatars identify synergy between EGFR and MEK or CDK4/6 inhibitors. American Journal of Cancer Research, 2020, 10, 249-262.	1.4	7
3322	Development of a Genomic Data Flow Framework: Results of a Survey Administered to NIH-NHGRI IGNITE and eMERGE Consortia Participants. AMIA ... Annual Symposium proceedings, 2019, 2019, 363-370.	0.2	1
3323	Biomedical Research Cohort Membership Disclosure on Social Media. AMIA ... Annual Symposium proceedings, 2019, 2019, 607-616.	0.2	2
3324	Corrective surgery alters plasma protein profiling in congenital heart diseases and clinical perspectives. American Journal of Translational Research (discontinued), 2020, 12, 1319-1337.	0.0	3
3325	Convergence Science to Transform Biomedicine: A Narrative Review. Iranian Journal of Public Health, 2020, 49, 221-229.	0.3	0

#	ARTICLE	IF	CITATIONS
3326	Developing a Search Engine for Precision Medicine. AMIA Summits on Translational Science Proceedings, 2020, 2020, 579-588.	0.4	3
3328	Overview of the TREC 2017 Precision Medicine Track. , 2017, 26, .		3
3329	Advances in Text Mining and Visualization for Precision Medicine. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2018, 23, 559-565.	0.7	3
3330	Leveraging implementation science to improve implementation outcomes in precision medicine. American Journal of Translational Research (discontinued), 2020, 12, 4853-4872.	0.0	1
3331	Adherence of Internet-Based Cancer Risk Assessment Tools to Best Practices in Risk Communication: Content Analysis. Journal of Medical Internet Research, 2021, 23, e23318.	2.1	1
3332	Psychosocial phenotyping as a personalization strategy for chronic disease self-management interventions. American Journal of Translational Research (discontinued), 2021, 13, 1617-1635.	0.0	3
3333	Precision Medicine: A New Paradigm in Therapeutics. International Journal of Preventive Medicine, 2021, 12, 12.	0.2	4
3334	Extracting Concepts for Precision Oncology from the Biomedical Literature. AMIA Summits on Translational Science Proceedings, 2021, 2021, 276-285.	0.4	1
3335	Generating Data Models to Manage Individual Information Related to Environmental Risk Factors and Social Determinants of Health. Lecture Notes in Computer Science, 2021, , 234-244.	1.0	0
3336	Ecological momentary assessment and other digital technologies for capturing daily life in mental health. , 2022, , 81-108.		6
3337	Systems biology and big data analytics. , 2022, , 425-442.		0
3338	Population Health Management and the Science of Individuality in the Era of Quantum Computing. Advances in Healthcare Information Systems and Administration Book Series, 2022, , 8-41.	0.2	1
3341	Commercial utilities and future perspective of nanomedicines. PeerJ, 2021, 9, e12392.	0.9	11
3342	Psychiatry: The State of the Art. , 2022, , 445-467.		0
3344	Fabrication of "Spongy Skin" on Diversified Materials Based on Surface Swelling Non-Solvent-Induced Phase Separation. ACS Applied Materials & Interfaces, 2021, 13, 57000-57008.	4.0	7
3345	Do anxiety and depression symptoms moderate the effect of motivational enhancement therapy as a pretreatment to dialectical behaviour therapy skills training? A follow-up analysis of a pilot randomised controlled trial for youth. Microbial Biotechnology, 2021, , .	0.9	0
3346	Hodgkin Lymphoma: Recent Progress in Overall Management. , 0, , 83-116.		0
3347	Emerging digital technologies in cancer treatment, prevention, and control. Translational Behavioral Medicine, 2021, 11, 2009-2017.	1.2	11

#	ARTICLE	IF	CITATIONS
3348	The Intelligent Phenotypic Plasticity Platform (IP3) for Precision Medicine-Based Injury Prevention in Sport. <i>Methods in Molecular Biology</i> , 2022, 2393, 877-903.	0.4	4
3349	An innovative medical school curriculum to enhance exposure to genetics and genomics: Updates and outcomes. <i>Genetics in Medicine</i> , 2022, 24, 722-728.	1.1	3
3350	Economic Evaluation of Universal Lynch Syndrome Screening Protocols among Newly Diagnosed Patients with Colorectal Cancer. <i>Journal of Personalized Medicine</i> , 2021, 11, 1284.	1.1	6
3351	Pursuit of precision medicine: Systems biology approaches in Alzheimer's disease mouse models. <i>Neurobiology of Disease</i> , 2021, 161, 105558.	2.1	10
3352	FDA-led consortium studies advance quality control of targeted next generation sequencing assays for precision oncology. <i>Precision Cancer Medicine</i> , 2021, 4, 32-32.	1.8	4
3354	Development and validation of a prediction model for bothersome stress urinary incontinence after prolapse surgery: a retrospective cohort study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2021, , .	1.1	1
3355	Using the Symptom Patient Similarity Network to Explore the Difference between the Chinese and Western Medicine Pathways of Ischemic Stroke and its Comorbidities. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-12.	0.5	0
3356	Personalized Nursing Care in Precision-Medicine Era. <i>SAGE Open Nursing</i> , 2021, 7, 237796082110647.	0.5	8
3357	Big Data, Surveillance Capitalism, and Precision Medicine: Challenges for Privacy. <i>Journal of Law, Medicine and Ethics</i> , 2021, 49, 666-676.	0.4	3
3359	<i>Onkologika</i> , 2021, , 579-638.		0
3360	Microelectrode Arrays: A Valuable Tool to Analyze Stem Cell-Derived Cardiomyocytes. , 2021, , 1-20.		1
3361	Ischemic Attack. , 2021, , 2775-2780.		0
3362	Preventive population genomics: The model of BRCA related cancers. <i>Advances in Genetics</i> , 2021, 108, 1-33.	0.8	1
3363	Precision Medicine and a Learning Health System for Mental Health. <i>Computers in Health Care</i> , 2021, , 1-30.	0.2	0
3364	Feasibility of developing hospital preparation by semisolid extrusion 3D printing: personalized amlodipine besylate chewable tablets. <i>Pharmaceutical Development and Technology</i> , 2022, 27, 164-174.	1.1	7
3365	Recommendations for the Use of Next-Generation Sequencing and the Molecular Tumor Board for Patients with Advanced Cancer: A Report from KSMO and KCSG Precision Medicine Networking Group. <i>Cancer Research and Treatment</i> , 2022, 54, 1-9.	1.3	9
3366	How Do We Predict a Patient's Disease Course and Whether They Will Respond to Specific Treatments?. <i>Gastroenterology</i> , 2022, 162, 1383-1395.	0.6	31
3368	Scale-up of Digital Innovations in Health Care: Expert Commentary on Enablers and Barriers. <i>Journal of Medical Internet Research</i> , 2022, 24, e24582.	2.1	31

#	ARTICLE	IF	CITATIONS
3369	ParkCa: Causal Inference with Partially Known Causes. , 2020, , .		0
3370	Predicting therapy outcome in a digital mental health intervention for depression and anxiety: A machine learning approach. Digital Health, 2021, 7, 205520762110606.	0.9	17
3371	Time-to-event prediction using survival analysis methods for Alzheimer's disease progression. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2021, 7, e12229.	1.8	7
3372	Intensive Longitudinal Data Collection Using Microinteraction Ecological Momentary Assessment: Pilot and Preliminary Results. JMIR Formative Research, 2022, 6, e32772.	0.7	19
3373	Management of clinical precision medicine. Clinical and Translational Discovery, 2021, 1, .	0.2	1
3374	Navigating Access to Cancer Care: Identifying Barriers to Precision Cancer Medicine. Ethnicity and Disease, 2022, 32, 39-48.	1.0	8
3375	What Has the Undiagnosed Diseases Network Taught Us About the Clinical Applications of Genomic Testing?. Annual Review of Medicine, 2022, 73, 575-585.	5.0	11
3376	Data Integration Challenges for Machine Learning in Precision Medicine. Frontiers in Medicine, 2021, 8, 784455.	1.2	18
3377	Lymphovascular space invasion in endometrial carcinoma: A prognostic factor independent from molecular signature. Gynecologic Oncology, 2022, 165, 192-197.	0.6	39
3378	Functionalizing Fibrin Hydrogels with Thermally Responsive Oligonucleotide Tethers for On-Demand Delivery. Bioengineering, 2022, 9, 25.	1.6	4
3379	Searching for New Technology Acceptance Model under Social Context: Analyzing the Determinants of Acceptance of Intelligent Information Technology in Digital Transformation and Implications for the Requisites of Digital Sustainability. Sustainability, 2022, 14, 579.	1.6	27
3380	Using human induced pluripotent stem cells to advance personalized/precision medicine. , 2022, , 45-61.		0
3381	Meta-imputation of transcriptome from genotypes across multiple datasets by leveraging publicly available summary-level data. PLoS Genetics, 2022, 18, e1009571.	1.5	3
3382	Medicina de precisión: conceptos, aplicaciones y proyecciones. Revista Médica Clínica Las Condes, 2022, 33, 7-16.	0.2	1
3384	Recent advancements in understanding the genetic involvement of alpha-1 antitrypsin deficiency associated lung disease: a look at future precision medicine approaches. Expert Review of Respiratory Medicine, 2022, 16, 173-182.	1.0	1
3385	Pharmacogenomics in bipolar disorder: towards precision psychiatry and personalized treatment. , 2022, , 483-496.		0
3386	Cancer of the Liver, Intrahepatic Bile Ducts, Gallbladder, Exocrine and Neuroendocrine Pancreas: 20-Year Comparative Survival and Mortality Analysis by Age, Sex, Race, Stage, Grade, Cohort Entry Time-Period, Disease Duration & Selected ICD-O-3 Oncologic Phenotypes <i>A Systematic Review of 367,420 Cases for Diagnosis Years 1973-2014: (SEER*Stat 8.3.4)</i>. Journal of Insurance Medicine (New) Tj ETQq0 0 0 rgBT /Overlock	0.1	0
3387	Regional Radiomics Similarity Networks Reveal Distinct Subtypes and Abnormality Patterns in Mild Cognitive Impairment. Advanced Science, 2022, 9, e2104538.	5.6	21

#	ARTICLE	IF	CITATIONS
3388	(INVITED) Interferometric Fabry-Perot sensors for ultrasound detection on the tip of an optical fiber. <i>Results in Optics</i> , 2022, 6, 100209.	0.9	6
3389	Alteration of segregation of brain systems in the severe depressive disorder after electroconvulsive therapy. <i>Journal of Affective Disorders Reports</i> , 2022, 7, 100299.	0.9	0
3390	Polygenic risk score: a useful clinical instrument for disease prediction and risk categorization. <i>Cardiovascular Prevention and Pharmacotherapy</i> , 2022, 4, 13-17.	0.0	0
3391	A latent class analysis of resilience and its relationship with depressive symptoms in the parents of children with cancer. <i>Supportive Care in Cancer</i> , 2022, 30, 4379-4387.	1.0	10
3392	Precision patients: Selection practices and moral pathfinding in experimental oncology. <i>Sociology of Health and Illness</i> , 2022, 44, 345-359.	1.1	7
3393	Interoperability of COVID-19 Clinical Phenotype Data with Host and Viral Genetics Data. <i>BioMed</i> , 2022, 2, 69-81.	0.6	3
3394	Interprofessional collaboration and communication to facilitate implementation of cognitive rehabilitation in persons with brain injury. <i>Journal of Interprofessional Care</i> , 2022, 36, 529-537.	0.8	5
3395	The passivists: Managing risk through institutionalized ignorance in genomic medicine. <i>Social Science and Medicine</i> , 2022, 294, 114715.	1.8	2
3396	Bitrans: A bidirectional and trusted data transaction protocol based on the blockchain system. <i>Peer-to-Peer Networking and Applications</i> , 2022, 15, 1311-1327.	2.6	2
3397	Treatment by biomarker-informed endotype vs guideline care in children with difficult-to-treat asthma. <i>Annals of Allergy, Asthma and Immunology</i> , 2022, 128, 535-543.e6.	0.5	2
3398	Qatar genome: Insights on genomics from the Middle East. <i>Human Mutation</i> , 2022, 43, 499-510.	1.1	29
3399	Predictors, Moderators, and Mediators Associated With Treatment Outcome in Randomized Clinical Trials Among Adolescents With Depression. <i>JAMA Network Open</i> , 2022, 5, e2146331.	2.8	15
3400	Big Data and Theory. , 2022, , 75-79.		0
3401	¿Por qué es importante conocer los patrones de metilación del ADN en personas con hipertrigliceridemia?. <i>Clínica E Investigación En Arteriosclerosis</i> , 2022, 34, 33-35.	0.4	0
3402	Leveraging deep phenotyping from health check-up cohort with 10,000 Korean individuals for phenome-wide association study of 136 traits. <i>Scientific Reports</i> , 2022, 12, 1930.	1.6	1
3403	The Role of Shared Decision-Making in Personalised Medicine: Opening the Debate. <i>Pharmaceuticals</i> , 2022, 15, 215.	1.7	4
3404	Polygenic risk scores: the future of cancer risk prediction, screening, and precision prevention. <i>Medical Review</i> , 2021, 1, 129-149.	0.3	4
3405	Q-Methodology and Psychological Phenotyping to Design Patient-Centered Diabetes Education for Persons With Type 2 Diabetes on Insulin Therapy. <i>Science of Diabetes Self-Management and Care</i> , 2022, 48, 98-110.	0.9	3

#	ARTICLE	IF	CITATIONS
3406	A comprehensive analysis of intratumor microbiome in head and neck squamous cell carcinoma. <i>European Archives of Oto-Rhino-Laryngology</i> , 2022, 279, 4127-4136.	0.8	12
3407	Actionable absolute risk prediction of atherosclerotic cardiovascular disease based on the UK Biobank. <i>PLoS ONE</i> , 2022, 17, e0263940.	1.1	3
3408	Dose-independent drug release from 3D printed oral medicines for patient-specific dosing to improve therapy safety. <i>International Journal of Pharmaceutics</i> , 2022, 616, 121555.	2.6	18
3409	Electronic Textiles for Wearable Point-of-Care Systems. <i>Chemical Reviews</i> , 2022, 122, 3259-3291.	23.0	316
3410	Embracing multi-cause causation of periodontitis: Why aren't we there yet?. <i>Oral Diseases</i> , 2022, 28, 1015-1021.	1.5	5
3411	Estimation and Optimization of Composite Outcomes. <i>Journal of Machine Learning Research</i> , 2021, 22, .	62.4	0
3412	Overview of the TREC 2019 Precision Medicine Track. , 2019, 1250, .		3
3413	Overview of the TREC 2020 Precision Medicine Track. , 2020, 1266, .		1
3415	“I believe that everything will be a success, and my child will live like everyone’s” parents’ idea about the future of a child with cancer. <i>Sociology of Medicine</i> , 2021, 20, 35-41.	0.2	1
3416	Cancer Precision Drug Discovery Using Big Data and Artificial Intelligence Technologies. <i>Advances in Computational Intelligence and Robotics Book Series</i> , 2022, , 109-136.	0.4	0
3417	Why Precision Oncology Is Not Very Precise (and Why This Should Not Surprise Us). <i>Human Perspectives in Health Sciences and Technology</i> , 2022, , 3-21.	0.2	4
3418	Deep learning for reliable detection of epileptogenic lesions. , 2022, , 163-175.		0
3421	Why is it important to know DNA methylation patterns in people with hypertriglyceridaemia?. <i>Clínica E Investigaci3n En Arteriosclerosis (English Edition)</i> , 2022, 34, 33-35.	0.1	0
3423	Artificial Intelligence in Schizophrenia. , 2022, , 1595-1608.		0
3424	Organoids in recapitulating tumorigenesis driven by risk factors: Current trends and future perspectives. <i>International Journal of Biological Sciences</i> , 2022, 18, 2729-2743.	2.6	7
3425	Development of early biomarkers of Alzheimer's disease: A precision medicine perspective. , 2024, , 511-525.		0
3426	Role of Machine Learning in Handling the COVID-19 Pandemic. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2022, , 212-250.	0.3	0
3427	Differential Diagnosis on Diffuse Interstitial Lung Disease by Quantifying Imaging Patterns with Multi-Tasks Deep Learning in High-Resolution Ct of the Lungs. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
3428	Emerging nanotechnologies for targeting antimicrobial resistance. <i>Nanoscale</i> , 2022, 14, 4018-4041.	2.8	20
3429	System biology. , 2022, , 3-25.		0
3430	Simple Linear Cancer Risk Prediction Models With Novel Features Outperform Complex Approaches. <i>JCO Clinical Cancer Informatics</i> , 2022, 6, e2100166.	1.0	2
3431	Proteomic Analysis of Whole Blood Using Volumetric Absorptive Microsampling for Precision Medicine Biomarker Studies. <i>Journal of Proteome Research</i> , 2022, 21, 1196-1203.	1.8	14
3433	Population Screening in Health Systems. <i>Annual Review of Genomics and Human Genetics</i> , 2022, 23, 549-567.	2.5	14
3434	Biomarker LEPRE1 induces pelitinib-specific drug responsiveness by regulating ABCG2 expression and tumor transition states in human leukemia and lung cancer. <i>Scientific Reports</i> , 2022, 12, 2928.	1.6	5
3435	The Kaiser Permanente Research Bank Cancer Cohort: a collaborative resource to improve cancer care and survivorship. <i>BMC Cancer</i> , 2022, 22, 209.	1.1	6
3437	The Role of Medical Mistrust in Concerns about Tumor Genomic Profiling among Black and African American Cancer Patients. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2598.	1.2	6
3438	Environmental Cadmium Exposure Promotes the Development, Progression and Chemoradioresistance of Esophageal Squamous Cell Carcinoma. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 792933.	1.8	4
3439	Predictors of New-onset Diabetes After Kidney Transplantation During 2019-nCoV Pandemic: A Unison of Frequentist Inference and Narrow AI. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2022, 10, 180-191.	0.1	0
3440	Utility of the Specialized Pro-Resolving Mediators as Diagnostic and Prognostic Biomarkers in Disease. <i>Biomolecules</i> , 2022, 12, 353.	1.8	6
3441	Tribal Deliberations about Precision Medicine Research: Addressing Diversity and Inequity in Democratic Deliberation Design and Evaluation. <i>Journal of Empirical Research on Human Research Ethics</i> , 2022, 17, 304-316.	0.6	2
3442	The Need to Pair Molecular Monitoring Devices with Molecular Imaging to Personalize Health. <i>Molecular Imaging and Biology</i> , 2022, , 1.	1.3	2
3443	Predictors of new persistent opioid use after benign hysterectomy in the United States. <i>American Journal of Obstetrics and Gynecology</i> , 2022, 227, 68.e1-68.e24.	0.7	5
3444	Smart textiles for personalized healthcare. <i>Nature Electronics</i> , 2022, 5, 142-156.	13.1	307
3445	Identifying Critical Factors When Predicting Remedial Mathematics Completion Rates. <i>The Journal of College Student Retention: Research and Practice</i> , 0, , 152102512210833.	0.9	0
3446	Precision medicine in stroke: towards personalized outcome predictions using artificial intelligence. <i>Brain</i> , 2022, 145, 457-475.	3.7	54
3447	Endotypes and the Path to Precision in Moderate and Severe Traumatic Brain Injury. <i>Neurocritical Care</i> , 2022, 37, 259-266.	1.2	9

#	ARTICLE	IF	CITATIONS
3448	Anorexia nervosa and gut microbiome: implications for weight change and novel treatments. <i>Expert Review of Gastroenterology and Hepatology</i> , 2022, , .	1.4	5
3449	Functions of non-coding RNAs in regulating cancer drug targets. <i>Acta Biochimica Et Biophysica Sinica</i> , 2022, 54, 279-291.	0.9	5
3450	Estimating Individual Treatment Effects using Non-Parametric Regression Models: a Review. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2022, 185, 1115-1149.	0.6	7
3451	Pharmacogenomics: A Step forward Precision Medicine in Childhood Asthma. <i>Genes</i> , 2022, 13, 599.	1.0	3
3452	Assessment of a cancer genomic profile test for patients with metastatic breast cancer. <i>Scientific Reports</i> , 2022, 12, 4813.	1.6	3
3453	Hand Measurement System Based on Haptic and Vision Devices towards Post-Stroke Patients. <i>Sensors</i> , 2022, 22, 2060.	2.1	3
3454	Addressing the gaps in drug-delivery research: from a broader academic perspective to clinical translation. <i>Therapeutic Delivery</i> , 2022, 13, 205-209.	1.2	1
3455	The ability to classify patients based on gene-expression data varies by algorithm and performance metric. <i>PLoS Computational Biology</i> , 2022, 18, e1009926.	1.5	6
3456	The Potential of Current Polygenic Risk Scores to Predict High Myopia and Myopic Macular Degeneration in Multiethnic Singapore Adults. <i>Ophthalmology</i> , 2022, 129, 890-902.	2.5	5
3457	SoFDA: an integrated web platform from syndrome ontology to network-based evaluation of disease-syndrome formula associations for precision medicine. <i>Science Bulletin</i> , 2022, 67, 1097-1101.	4.3	12
3458	The angiotensin-converting enzyme gene insertion/deletion polymorphism interacts with fear of falling in relation to stepping speed in community-dwelling older adults. <i>Physiotherapy Theory and Practice</i> , 2023, 39, 1981-1992.	0.6	0
3459	Discrimination, trust, and withholding information from providers: Implications for missing data and inequity. <i>SSM - Population Health</i> , 2022, 18, 101092.	1.3	14
3460	Measurement Feedback System for Intensive Neurorehabilitation after Severe Acquired Brain Injury. <i>Journal of Medical Systems</i> , 2022, 46, 24.	2.2	2
3461	Brugada Syndrome: Different Experimental Models and the Role of Human Cardiomyocytes From Induced Pluripotent Stem Cells. <i>Journal of the American Heart Association</i> , 2022, 11, e024410.	1.6	10
3462	Radiomics Based on Digital Mammography Helps to Identify Mammographic Masses Suspicious for Cancer. <i>Frontiers in Oncology</i> , 2022, 12, 843436.	1.3	8
3463	Implementation of pharmacogenomic clinical decision support for health systems: a cost-utility analysis. <i>Pharmacogenomics Journal</i> , 2022, 22, 188-197.	0.9	4
3464	Cross-trial prediction of depression remission using problem-solving therapy: A machine learning approach. <i>Journal of Affective Disorders</i> , 2022, , .	2.0	3
3465	Effectiveness of Artificial Intelligence for Personalized Medicine in Neoplasms: A Systematic Review. <i>BioMed Research International</i> , 2022, 2022, 1-34.	0.9	13

#	ARTICLE	IF	CITATIONS
3466	Serum cytokine profiles in phlegm-dampness constitution and damp-heat constitution using proteomic antibody microarray. <i>European Journal of Integrative Medicine</i> , 2022, 52, 102126.	0.8	2
3467	TSFD-Net: Tissue specific feature distillation network for nuclei segmentation and classification. <i>Neural Networks</i> , 2022, 151, 1-15.	3.3	24
3468	Developing a Dietary Lifestyle Ontology to Improve the Interoperability of Dietary Data: Proof-of-Concept Study. <i>JMIR Formative Research</i> , 2022, 6, e34962.	0.7	2
3470	Neuropsychological and Biological Influences on Drinking Behavior Change. , 2021, , 60-76.		1
3471	A Spatial Autoregressive Quantile Regression to Examine Quantile Effects of Regional Factors on Crash Rates. <i>Sensors</i> , 2022, 22, 5.	2.1	3
3472	Significance of Right-to-Left Ventricular Ratio as a Quantitative Computed Tomography Biomarker in Patients With Negative Computed Tomography Pulmonary Angiograms. <i>Journal of Thoracic Imaging</i> , 2021, Publish Ahead of Print, 181-186.	0.8	2
3473	Design of Biopolymer-Based Interstitial Therapies for the Treatment of Glioblastoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13160.	1.8	17
3474	Data protection, data management, and data sharing: Stakeholder perspectives on the protection of personal health information in South Africa. <i>PLoS ONE</i> , 2021, 16, e0260341.	1.1	13
3475	PAGEANT: personal access to genome and analysis of natural traits. <i>Nucleic Acids Research</i> , 2022, 50, e39-e39.	6.5	1
3476	From biobank and data silos into a data commons: convergence to support translational medicine. <i>Journal of Translational Medicine</i> , 2021, 19, 493.	1.8	11
3477	Precision medicine for the treatment of glomerulonephritis: a bold goal but not yet a transformative achievement. <i>CKJ: Clinical Kidney Journal</i> , 2022, 15, 657-662.	1.4	0
3478	Expert Consensus on Physical Activity Use for Young Adult Cancer Survivors' Biopsychosocial Health: A Modified Delphi Study. <i>Journal of Adolescent and Young Adult Oncology</i> , 2022, 11, 459-469.	0.7	5
3479	The future of research in hematology: Integration of conventional studies with real-world data and artificial intelligence. <i>Blood Reviews</i> , 2022, 54, 100914.	2.8	8
3480	Geographic Variation in Obesity at the State Level in the All of Us Research Program. <i>Preventing Chronic Disease</i> , 2021, 18, E104.	1.7	6
3481	Precision communication: Physicians's™ linguistic adaptation to patients's™ health literacy. <i>Science Advances</i> , 2021, 7, eabj2836.	4.7	16
3482	Starring Role of Biomarkers and Anticancer Agents as a Major Driver in Precision Medicine of Cancer Therapy. <i>Current Molecular Medicine</i> , 2023, 23, 111-126.	0.6	1
3483	The Synergistic Effects of SHR6390 Combined With Pyrotinib on HER2+/HR+ Breast Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 785796.	1.8	6
3484	Immune-Proteome Profiling in Classical Hodgkin Lymphoma Tumor Diagnostic Tissue. <i>Cancers</i> , 2022, 14, 9.	1.7	5

#	ARTICLE	IF	CITATIONS
3486	Current and future state of clinical pharmacist-led precision medicine initiatives. <i>JACCP Journal of the American College of Clinical Pharmacy</i> , 2021, 4, 754-764.	0.5	3
3487	Self-Concept and Psychosocial Well-Being among Korean Women with <i>BRCA1/2</i> Gene Mutations. <i>Asian Oncology Nursing</i> , 2022, 22, 11.	0.2	0
3488	Personal Dense Dynamic Data Clouds Connect Systems Biomedicine to Scientific Wellness. <i>Methods in Molecular Biology</i> , 2022, 2486, 315-334.	0.4	1
3489	Breast Cancer Resistance Likelihood and Personalized Treatment Through Integrated Multiomics™. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 783494.	1.6	6
3490	Cancer clinical trial providers' perspectives on communicating goals of care: A key informant study. <i>PEC Innovation</i> , 2022, 1, 100041.	0.3	1
3491	Psychosocial-Behavioral Phenotyping: A Novel Precision Health Approach to Modeling Behavioral, Psychological, and Social Determinants of Health Using Machine Learning. <i>Annals of Behavioral Medicine</i> , 2022, 56, 1258-1271.	1.7	6
3492	Präzisionsmedizin in Rhinologie und Allergologie: Anhaltende Erfolge der AIT bei gezielter Patientenauswahl. , 0, , .		0
3493	Ultrasound waves in tumors via needle irradiation for precise medicine. <i>Scientific Reports</i> , 2022, 12, 6513.	1.6	5
3494	Therapeutic Drug Monitoring of Long-Acting Injectable Antipsychotics as a Predictor of Relapse in Schizophrenia Spectrum Disorders: A 1-Year Pilot Study. <i>Therapeutic Drug Monitoring</i> , 2022, 44, 805-810.	1.0	5
3495	From Personal Observations to Recommendation of Tailored Interventions based on Causal Reasoning: a case study of Falls Prevention in Elderly Patients. <i>International Journal of Medical Informatics</i> , 2022, 163, 104765.	1.6	0
3517	Factors influencing the impact of pharmacogenomic prescribing on adherence to nicotine replacement therapy: A qualitative study of participants from a randomized controlled trial. <i>Translational Behavioral Medicine</i> , 2018, 8, 18-28.	1.2	6
3519	Patients' perspectives of a pharmacist-provided clinical pharmacogenomics service. <i>Pharmacogenomics</i> , 2022, , .	0.6	7
3522	Modeling factors critical for implementation of precision medicine at health systems-level: an IRT approach.. <i>American Journal of Translational Research (discontinued)</i> , 2021, 13, 12557-12574.	0.0	0
3523	Making Sense of the Matrix: A Qualitative Assessment and Commentary on Connecting Psychiatric Symptom Scale Items to the Research Domain Criteria (RDoC).. <i>Innovations in Clinical Neuroscience</i> , 2022, 19, 26-32.	0.1	3
3524	Neural Survival Clustering: Non-parametric mixture of neural networks for survival clustering.. <i>Proceedings of Machine Learning Research</i> , 2022, 174, 92-102.	0.3	0
3525	Modeling and Interpreting Patient Subgroups in Hospital Readmission: Visual Analytical Approach (Preprint). <i>JMIR Medical Informatics</i> , 2022, , .	1.3	1
3526	The Development and Internal Evaluation of a Predictive Model to Identify for Whom Mindfulness-Based Cognitive Therapy Offers Superior Relapse Prevention for Recurrent Depression Versus Maintenance Antidepressant Medication. <i>Clinical Psychological Science</i> , 2023, 11, 59-76.	2.4	5
3527	deepHPI: a comprehensive deep learning platform for accurate prediction and visualization of host-pathogen protein-protein interactions. <i>Briefings in Bioinformatics</i> , 2022, 23, .	3.2	12

#	ARTICLE	IF	CITATIONS
3528	Challenges in Metabolomics-Based Tests, Biomarkers Revealed by Metabolomic Analysis, and the Promise of the Application of Metabolomics in Precision Medicine. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5213.	1.8	30
3529	Precision Oncology: Artificial Intelligence and DNA Methylation Analysis of Circulating Cell-Free DNA for Lung Cancer Detection. <i>Frontiers in Oncology</i> , 2022, 12, .	1.3	8
3530	Linking digital surveillance and in-depth virology to study clinical patterns of viral respiratory infections in vulnerable patient populations. <i>IScience</i> , 2022, 25, 104276.	1.9	1
3531	Continuity Scaling: A Rigorous Framework for Detecting and Quantifying Causality Accurately. <i>Research</i> , 2022, 2022, .	2.8	12
3532	Ultra-trace enriching biosensing in nanoliter sample. <i>Biosensors and Bioelectronics</i> , 2022, 210, 114297.	5.3	11
3533	Explainability and causability for artificial intelligence-supported medical image analysis in the context of the European In Vitro Diagnostic Regulation. <i>New Biotechnology</i> , 2022, 70, 67-72.	2.4	26
3537	Predicting treatment outcome in depression: an introduction into current concepts and challenges. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2023, 273, 113-127.	1.8	8
3538	Walking and resting blood pressure: An inter-individual response difference meta-analysis of randomized controlled trials. <i>Science Progress</i> , 2022, 105, 003685042211016.	1.0	3
3539	Intervention Tournaments: An Overview of Concept, Design, and Implementation. <i>Perspectives on Psychological Science</i> , 2022, 17, 1525-1540.	5.2	6
3540	Building Modern Cancer Care Services in Sub-Saharan Africa Based on a Clinical-Research Care Model. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2022, 42, 423-428.	1.8	3
3542	Privacy issues in healthcare and their mitigation through privacy preserving technologies. , 2022, , 205-218.		1
3543	Dual-modality Imaging of Angiogenesis in Unstable Atherosclerotic Plaques with VEGFR2-Targeted Upconversion Nanoprobes in vivo. <i>Molecular Imaging and Biology</i> , 2022, 24, 721-731.	1.3	2
3544	Investigation of the protective effect of gel incorporating Eugenia jambolana leaf extract on 5-fluorouracil-induced oral mucositis: an animal study. <i>Journal of Cancer Research and Clinical Oncology</i> , 0, , .	1.2	0
3545	Clinical Trial in a Dish for Space Radiation Countermeasure Discovery. <i>Life Sciences in Space Research</i> , 2022, , .	1.2	3
3546	Changing the home visiting research paradigm: modelsâ€™ perspectives on behavioral pathways and intervention techniques to promote good birth outcomes. <i>BMC Public Health</i> , 2022, 22, .	1.2	6
3547	Tendencies in the use of Big Data analytics at a global level. , 2022, , .		1
3549	Application of Artificial Intelligence for Designing Cancer Nanomedicine. , 2022, , 4-15.		0
3550	The pharmacological treatment of schizophrenia: How far have we come?. , 2022, 1, .		2

#	ARTICLE	IF	CITATIONS
3551	Clinical Network for Big Data and Personalized Health: Study Protocol and Preliminary Results. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6365.	1.2	1
3552	Predicting first session working alliances using deep learning algorithms: A proof-of-concept study for personalized psychotherapy. <i>Psychotherapy Research</i> , 2022, 32, 1100-1109.	1.1	2
3553	Predicting Antibiotic Effect of Vancomycin Using Pharmacokinetic/Pharmacodynamic Modeling and Simulation: Dense Sampling versus Sparse Sampling. <i>Antibiotics</i> , 2022, 11, 743.	1.5	4
3554	Analysis of microarray-identified genes and MicroRNAs associated with Trifluridine resistance in colorectal cancer. <i>International Journal of Transgender Health</i> , 2022, 15, 636-648.	1.1	0
3555	Identification of cardiovascular and molecular prognostic factors for the morbidity and mortality in COVID-19-sepsis (ICROVID): Protocol for a prospective multi-centre cohort study. <i>PLoS ONE</i> , 2022, 17, e0269247.	1.1	1
3556	A Community-Engaged Process for Adapting a Proven Community Health Worker Model to Integrate Precision Cancer Care Delivery for Low-income Latinx Adults With Cancer. <i>Health Promotion Practice</i> , 2023, 24, 491-501.	0.9	5
3558	Cardiopulmonary exercise for management of cardiovascular toxicity. , 2023, , 126-134.		0
3559	Evaluation of the impact of reference tooth morphology and alignment on model measurement accuracy. <i>Annals of Translational Medicine</i> , 2021, .	0.7	1
3560	Emerging ethical dilemmas in the use of intelligent computer programs in decision-making in health care: an exploratory study. <i>MGM Journal of Medical Sciences</i> , 2022, 9, 160.	0.1	0
3562	Investigating Microtemporal Processes Underlying Health Behavior Adoption and Maintenance: Protocol for an Intensive Longitudinal Observational Study. <i>JMIR Research Protocols</i> , 2022, 11, e36666.	0.5	6
3564	Transcriptome-wide prediction of prostate cancer gene expression from histopathology images using co-expression-based convolutional neural networks. <i>Bioinformatics</i> , 2022, 38, 3462-3469.	1.8	9
3566	Light-to-Moderate Alcohol Consumption Increases the Risk of Biliary Tract Cancer in Prediabetes and Diabetes, but Not in Normoglycemic Status: A Nationwide Cohort Study. <i>Journal of Clinical Oncology</i> , 2022, 40, 3623-3632.	0.8	3
3567	PhenGenVar: A User-Friendly Genetic Variant Detection and Visualization Tool for Precision Medicine. <i>Journal of Personalized Medicine</i> , 2022, 12, 959.	1.1	3
3568	The Role of [68Ga]Ga-DOTA-SSTR PET Radiotracers in Brain Tumors: A Systematic Review of the Literature and Ongoing Clinical Trials. <i>Cancers</i> , 2022, 14, 2925.	1.7	12
3569	Sensorimotor Interaction Against Trauma. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	3
3570	Comparing heritability estimators under alternative structures of linkage disequilibrium. <i>G3: Genes, Genomes, Genetics</i> , 2022, 12, .	0.8	4
3571	Personalized Medicine for the Critically Ill Patient: A Narrative Review. <i>Processes</i> , 2022, 10, 1200.	1.3	2
3572	Emerging Biomaterials Imaging Antitumor Immune Response. <i>Advanced Materials</i> , 2022, 34, .	11.1	22

#	ARTICLE	IF	CITATIONS
3573	Patient-Derived Organoid Model in the Prediction of Chemotherapeutic Drug Response in Colorectal Cancer. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 3515-3525.	2.6	3
3574	A Novel Explainability Approach for Technology-Driven Translational Research on Brain Aging. <i>Journal of Alzheimer's Disease</i> , 2022, , 1-11.	1.2	2
3575	A Role for Data Science in Precision Nutrition and Early Brain Development. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	1
3576	Neural network-based clustering model of ischemic stroke patients with a maximally distinct distribution of 1-year vascular outcomes. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
3577	The first association study of Protein Tyrosine Phosphatase, Non-Receptor Type 2 (PTPN2) gene polymorphisms in Malaysian patients with Crohn's disease. <i>Gene</i> , 2022, 836, 146661.	1.0	0
3578	Obesity and lifestyle-related disorders beyond the stethoscope: Role of botanicals. , 2022, , 423-430.		0
3579	Big data analyses and individual health profiling in the arena of rheumatic and musculoskeletal diseases (RMDs). <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2022, 14, 1759720X2211059.	1.2	5
3581	Micro-SPECT Imaging of Acute Ischemic Stroke with Radioiodinated Riboflavin in Rat MCAO Models via Riboflavin Transporter Targeting. <i>ACS Chemical Neuroscience</i> , 2022, 13, 1966-1973.	1.7	7
3582	Artificial intelligence and machine learning in pediatrics and neonatology healthcare. <i>Revista Da Associação Médica Brasileira</i> , 2022, 68, 745-750.	0.3	4
3583	Preoperative Non-Invasive Prediction of Breast Cancer Molecular Subtypes With a Deep Convolutional Neural Network on Ultrasound Images. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	3
3584	Polygenic Risk Scores for Cardiovascular Disease: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2022, 146, .	1.6	80
3585	Extrapolating evidence for molecularly targeted therapies from common to rare cancers: a scoping review of methodological guidance. <i>BMJ Open</i> , 2022, 12, e058350.	0.8	1
3586	Nutrition for precision health: The time is now. <i>Obesity</i> , 2022, 30, 1335-1344.	1.5	6
3587	Functional characterization of the PI3K/AKT/MTOR signaling pathway for targeted therapy in B-precursor acute lymphoblastic leukemia. <i>Cancer Gene Therapy</i> , 2022, 29, 1751-1760.	2.2	7
3588	Investigating acceptability of a training programme in precision medicine for frontline healthcare professionals: a mixed methods study. <i>BMC Medical Education</i> , 2022, 22, .	1.0	6
3589	Assessment of on-treatment platelet reactivity at high and low shear stress and platelet activation status after the addition of dipyridamole to aspirin in the early and late phases after TIA and ischaemic stroke. <i>Journal of the Neurological Sciences</i> , 2022, 441, 120334.	0.3	2
3591	Oral care and protocols in cancer patients. <i>International Journal of Community Medicine and Public Health</i> , 0, , .	0.0	0
3592	Genetics and Genomics Teaching in Nursing Programs in a Latin American Country. <i>Journal of Personalized Medicine</i> , 2022, 12, 1128.	1.1	3

#	ARTICLE	IF	CITATIONS
3593	The crosstalk of the human microbiome in breast and colon cancer: A metabolomics analysis. <i>Critical Reviews in Oncology/Hematology</i> , 2022, 176, 103757.	2.0	8
3594	Diagnostic and therapeutic approach of artificial intelligence in neuro-oncological diseases. <i>Biosensors and Bioelectronics: X</i> , 2022, 11, 100188.	0.9	2
3595	Personalized Donor-Recipient Matching for Organ Transplantation. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2017, 31, .	3.6	3
3596	Personalised Dosing Using the CURATE.AI Algorithm: Protocol for a Feasibility Study in Patients with Hypertension and Type II Diabetes Mellitus. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8979.	1.2	12
3597	Individualized medication based on pharmacogenomics and treatment progress in children with IgAV nephritis. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	3
3598	Identification of heptapeptides targeting a lethal bacterial strain in septic mice through an integrative approach. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, .	7.1	2
3599	Systems-Aligned Precision Medicineâ€”Building an Evidence Base for Individuals Within Complex Systems. <i>JAMA Health Forum</i> , 2022, 3, e222334.	1.0	1
3600	Toward Precision Characterization and Treatment of Psychopathology: A Path Forward and Integrative Framework of the Hierarchical Taxonomy of Psychopathology and the Research Domain Criteria. <i>Perspectives on Psychological Science</i> , 2023, 18, 91-109.	5.2	5
3601	Precision medicine via the integration of phenotype-genotype information in neonatal genome project. <i>Fundamental Research</i> , 2022, 2, 873-884.	1.6	1
3602	Redesigning culturally tailored intervention in the precision health era: Self-management science context. <i>Nursing Outlook</i> , 2022, , .	1.5	5
3604	MMKP: A mind mapping knowledgebase prototyping tool for precision medicine. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	2
3605	Diabetes subtypes classification for personalized health care: A review. <i>Artificial Intelligence Review</i> , 0, , .	9.7	5
3606	SNPMapâ€”An integrated visual SNP interpretation tool. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	1
3607	Communicating Precision Medicine Research: Multidisciplinary Teams and Diverse Communities. <i>Public Health Genomics</i> , 2022, 25, 155-163.	0.6	2
3608	Genetics of Type 2 Diabetes: Past, Present, and Future. <i>Nutrients</i> , 2022, 14, 3201.	1.7	24
3609	Exploring machine learning for audio-based respiratory condition screening: A concise review of databases, methods, and open issues. <i>Experimental Biology and Medicine</i> , 2022, 247, 2053-2061.	1.1	11
3610	A crossâ€”sectional study of the <sc>FDA</sc> approved indications and supporting pivotal trials of smallâ€”molecular kinase inhibitors in cancer therapies with the biomarker of cancer driver gene. <i>International Journal of Cancer</i> , 0, , .	2.3	1
3611	In vitro high-content tissue models to address precision medicine challenges. <i>Molecular Aspects of Medicine</i> , 2022, , 101108.	2.7	1

#	ARTICLE	IF	CITATIONS
3612	A paradigm shift in pharmacogenomics: From candidate polymorphisms to comprehensive sequencing. <i>Basic and Clinical Pharmacology and Toxicology</i> , 0, , .	1.2	6
3613	Outcomes of Genetic Testing-Based Cardiac Rehabilitation Program in Patients with Acute Myocardial Infarction after Percutaneous Coronary Intervention. <i>Cardiology Research and Practice</i> , 2022, 2022, 1-10.	0.5	0
3614	Focusing on optimality for the translation of precision medicine. <i>Journal of Clinical and Translational Science</i> , 0, , 1-11.	0.3	0
3615	Impact of labor characteristics on maternal and neonatal outcomes of labor: A machine-learning model. <i>PLoS ONE</i> , 2022, 17, e0273178.	1.1	2
3616	Still Searching for Understanding: The Importance of Diverse Research Designs, Methods, and Perspectives. <i>American Journal of Speech-Language Pathology</i> , 2022, 31, 2444-2453.	0.9	2
3617	AnFiSA: An open-source computational platform for the analysis of sequencing data for rare genetic disease. <i>Journal of Biomedical Informatics</i> , 2022, 133, 104174.	2.5	0
3619	The health digital twin to tackle cardiovascular disease—a review of an emerging interdisciplinary field. <i>Npj Digital Medicine</i> , 2022, 5, .	5.7	62
3620	Clinical Pharmacists’s Knowledge of and Attitudes toward Pharmacogenomic Testing in China. <i>Journal of Personalized Medicine</i> , 2022, 12, 1348.	1.1	3
3621	Does urinary metabolite signature act as a biomarker of post-stroke depression?. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	3
3622	Precision health in behaviour change interventions: A scoping review. <i>Preventive Medicine</i> , 2022, 163, 107192.	1.6	6
3623	Perspectives on using bacteriophages in biogerontology research and interventions. <i>Chemico-Biological Interactions</i> , 2022, 366, 110098.	1.7	3
3624	Addressing Social Determinants of Health: Now Is the Time. <i>Journal of the National Cancer Institute</i> , 2022, 114, 1561-1563.	3.0	11
3625	Biobank — the key to personalized medicine. <i>Sao Paulo Medical Journal</i> , 2022, 140, 625-626.	0.4	0
3626	Precision Medicine in Psychiatric Disorders. , 2022, , 93-112.		0
3627	Precision Medicine in Endocrinology Practice. , 2022, , 67-91.		0
3628	Biotechnology applications in precision food. , 2022, , 197-222.		1
3629	Evolving Approaches to Identifying Genetic Risk Variants for Sleep Disorders. <i>Translational Medicine Research</i> , 2022, , 3-20.	0.0	0
3630	Deep Learning in Biomedical Devices: Perspectives, Applications, and Challenges. <i>Studies in Rhythm Engineering</i> , 2022, , 13-35.	0.1	1

#	ARTICLE	IF	CITATIONS
3631	Complexity and Integration. <i>European Studies in Philosophy of Science</i> , 2022, , 65-88.	0.4	0
3632	Drug delivery and in vivo absorption. , 2022, , 335-390.		0
3633	Principles of Precision Medicine. , 2022, , 1-11.		0
3635	Estimating Heterogeneous Causal Effect of Polysubstance Usage on Drug Overdose from Large-Scale Electronic Health Record. , 2022, , .		3
3636	Personalized Prediction of Response to Smartphone-Delivered Meditation Training: Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2022, 24, e41566.	2.1	3
3637	Evaluation of vicinity-based hidden Markov models for genotype imputation. <i>BMC Bioinformatics</i> , 2022, 23, .	1.2	2
3638	Ãžocukluk ÃžaÄŸÄ± Kanserlerinde NTRK Somatik FÃ¼zyonlarÄ± ve TÃ¼mÃ¼r Agnostik Tedavi. <i>Journal of Contemporary Medicine</i> , 2022, 12, 1019-1024.	0.1	1
3640	Relationship between Cardiometabolic Factors and the Response of Blood Pressure to a One-Year Primary Care Lifestyle Intervention in Metabolic Syndrome Patients. <i>Metabolites</i> , 2022, 12, 861.	1.3	0
3641	Can Nutrition Play a Role in Ameliorating Digital Eye Strain?. <i>Nutrients</i> , 2022, 14, 4005.	1.7	7
3642	Right dose, right now: bedside, real-time, data-driven, and personalised antibiotic dosing in critically ill patients with sepsis or septic shockâ€”a two-centre randomised clinical trial. <i>Critical Care</i> , 2022, 26, .	2.5	18
3643	An Overview of Cancer in the First 315,000 All of Us Participants. <i>PLoS ONE</i> , 2022, 17, e0272522.	1.1	9
3644	Toward precision nutrition: A crossâ€sectional study on the genetic risks of nutrients deficiencies and eating behaviors among the Orang Asli and Malays. <i>Precision Medical Sciences</i> , 0, , .	0.1	0
3645	Deep Morphology Learning Enhances <i>Ex Vivo</i> Drug Profiling-Based Precision Medicine. <i>Blood Cancer Discovery</i> , 2022, 3, 502-515.	2.6	9
3646	Navigating ethical challenges in the development and translation of biomaterials research. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	3
3647	Personalized Treatment Strategies Effective in Hypertrophic Cardiomyopathy Do Not Rely on Genomics in 2022: A Different Tale of Precision Medicine. <i>American Journal of Cardiology</i> , 2022, 183, 150-152.	0.7	3
3648	Genomic data integration and user-defined sample-set extraction for population variant analysis. <i>BMC Bioinformatics</i> , 2022, 23, .	1.2	1
3649	Urine NMR Metabolomics for Precision Oncology in Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 11171.	1.8	11
3650	A Systematic Review on Biomarker Identification for Cancer Diagnosis and Prognosis in Multi-omics: From Computational Needs to Machine Learning and Deep Learning. <i>Archives of Computational Methods in Engineering</i> , 2023, 30, 917-949.	6.0	25

#	ARTICLE	IF	CITATIONS
3653	Resolution Pharmacology: Focus on Pro-Resolving Annexin A1 and Lipid Mediators for Therapeutic Innovation in Inflammation. <i>Annual Review of Pharmacology and Toxicology</i> , 2023, 63, 449-469.	4.2	14
3654	The Promise and Peril of Genetics. <i>Current Directions in Psychological Science</i> , 2022, 31, 480-485.	2.8	3
3655	Machine Learning Approach Predicts Probability of Time to Stage-Specific Conversion of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2022, , 1-13.	1.2	0
3656	The Choice between Plasma-Based Common Coagulation Tests and Cell-Based Viscoelastic Tests in Monitoring Hemostatic Competence: Not an either/or Proposition. <i>Seminars in Thrombosis and Hemostasis</i> , 0, , .	1.5	5
3657	AI in Health Science: A Perspective. <i>Current Pharmaceutical Biotechnology</i> , 2023, 24, 1149-1163.	0.9	4
3658	Biomarkers for the Prediction and Judgement of Sepsis and Sepsis Complications: A Step towards precision medicine?. <i>Journal of Clinical Medicine</i> , 2022, 11, 5782.	1.0	7
3659	Non-Viral Delivery of CRISPR/Cas Cargo to the Retina Using Nanoparticles: Current Possibilities, Challenges, and Limitations. <i>Pharmaceutics</i> , 2022, 14, 1842.	2.0	15
3660	SVAT: Secure outsourcing of variant annotation and genotype aggregation. <i>BMC Bioinformatics</i> , 2022, 23, .	1.2	1
3662	Optimizing and Accelerating the Development of Precision Pain Treatments for Chronic Pain: IMMPACT Review and Recommendations. <i>Journal of Pain</i> , 2023, 24, 204-225.	0.7	20
3663	Analytical Techniques for Therapeutic Drug Monitoring and Clinical Toxicology. , 2022, , 9-20.		0
3664	Binder Jet Additive Manufacturing of Biomaterials. , 2022, , 77-91.		1
3665	Next-Generation Examination, Diagnosis, and Personalized Medicine in Periodontal Disease. <i>Journal of Personalized Medicine</i> , 2022, 12, 1743.	1.1	6
3666	Respiratory virus type to guide predictive enrichment approaches in the management of the first episode of bronchiolitis: A systematic review. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	2
3667	Recommendations of the International Medical Informatics Association (IMIA) on Education in Biomedical and Health Informatics: Second Revision. <i>International Journal of Medical Informatics</i> , 2023, 170, 104908.	1.6	17
3668	OMICS Approaches Evaluating Keloid and Hypertrophic Scars. <i>International Journal of Inflammation</i> , 2022, 2022, 1-15.	0.9	3
3669	Precise Design Strategies of Nanotechnologies for Controlled Drug Delivery. <i>Journal of Functional Biomaterials</i> , 2022, 13, 188.	1.8	2
3671	Clinical decisions by the molecular tumor board on comprehensive genomic profiling tests in Japan: A retrospective observational study. <i>Cancer Medicine</i> , 2023, 12, 6170-6181.	1.3	3
3672	An Overview of Gene Variants of Endothelin-1: A Critical Regulator of Endothelial Dysfunction. , 0, , .		3

#	ARTICLE	IF	CITATIONS
3673	Open tools for quantitative anonymization of tabular phenotype data: literature review. <i>Briefings in Bioinformatics</i> , 2022, 23, .	3.2	7
3675	Mining of transcriptome identifies CD109 and LRP12 as possible biomarkers and deregulation mechanism of T cell receptor pathway in Acute Myeloid Leukemia. <i>Heliyon</i> , 2022, 8, e11123.	1.4	2
3676	Unmet needs in clinical trials in CKD: Questions we have not answered, and answers we have not questioned. <i>CKJ: Clinical Kidney Journal</i> , 0, , .	1.4	0
3677	Molecular targets for cystic fibrosis and therapeutic potential of monoclonal antibodies. <i>Saudi Pharmaceutical Journal</i> , 2022, 30, 1736-1747.	1.2	2
3678	Feasibility and outcome of reproducible clinical interpretation of high-dimensional molecular data: a comparison of two molecular tumor boards. <i>BMC Medicine</i> , 2022, 20, .	2.3	6
3679	A prediction model for major adverse cardiovascular events in patients with heart failure based on high-throughput echocardiographic data. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	1
3680	Global research trends on precision oncology: A systematic review, bibliometrics, and visualized study. <i>Medicine (United States)</i> , 2022, 101, e31380.	0.4	6
3681	Introducing AI to the molecular tumor board: one direction toward the establishment of precision medicine using large-scale cancer clinical and biological information. <i>Experimental Hematology and Oncology</i> , 2022, 11, .	2.0	12
3682	Big Data for Tiny Patients: A Precision Medicine Approach to Bronchopulmonary Dysplasia. <i>Pediatric Annals</i> , 2022, 51, .	0.3	2
3683	Patient experiences with clinical confirmatory genetic testing after using direct-to-consumer raw DNA and third-party genetic interpretation services. <i>Translational Behavioral Medicine</i> , 0, , .	1.2	0
3684	What Personalized Medicine Humans Need and Way to It – also on the Practical Significance and Scientific Limitations of Precision Medicine. <i>Pharmacogenomics and Personalized Medicine</i> , 0, Volume 15, 927-942.	0.4	3
3685	Nanotechnology for the diagnosis and treatment of Alzheimer's disease: A bibliometric analysis. <i>Nano Today</i> , 2022, 47, 101654.	6.2	18
3686	Wearable Sensors for Stroke Rehabilitation. , 2022, , 467-507.		0
3687	Deep learning algorithm reveals probabilities of stage-specific time to conversion in individuals with neurodegenerative disease LATE. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2022, 8, .	1.8	1
3688	State-of-the-Art Evidence Retriever for Precision Medicine: Algorithm Development and Validation. <i>JMIR Medical Informatics</i> , 2022, 10, e40743.	1.3	2
3689	A Review of State-of-the-Art on Enabling Additive Manufacturing Processes for Precision Medicine. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2023, 145, .	1.3	16
3690	Impact of poverty and neighborhood opportunity on outcomes for children treated with CD19-directed CAR T-cell therapy. <i>Blood</i> , 2023, 141, 609-619.	0.6	6
3691	The application of high-throughput proteomics in cytopathology. <i>Journal of Pathology and Translational Medicine</i> , 2022, 56, 309-318.	0.4	1

#	ARTICLE	IF	CITATIONS
3692	Practice-oriented solutions integrating intraoperative electron irradiation and personalized proton therapy for recurrent or unresectable cancers: Proof of concept and potential for dual FLASH effect. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	1
3693	Readiness to Accept Genetic Testing for Personalized Medicine: Survey Findings on the Role of Socio-Demographic Characteristics, Health Vulnerabilities, Perceived Genetic Risk and Personality Factors. <i>Journal of Personalized Medicine</i> , 2022, 12, 1836.	1.1	0
3694	Patient Preferences in Targeted Pharmacotherapy for Cancers: A Systematic Review of Discrete Choice Experiments. <i>Pharmacoeconomics</i> , 2023, 41, 43-57.	1.7	7
3695	Present and future directions in diabetic kidney disease. <i>Journal of Diabetes and Its Complications</i> , 2022, 36, 108357.	1.2	4
3696	Integrating pharmacogenomics into clinical trials of hearing disorders. <i>Journal of the Acoustical Society of America</i> , 2022, 152, 2828-2839.	0.5	2
3697	Radiomics in Head and Neck Cancer Outcome Predictions. <i>Diagnostics</i> , 2022, 12, 2733.	1.3	6
3698	Precision Medicine Using Pharmacogenomic Panel-Testing. <i>Clinics in Laboratory Medicine</i> , 2022, 42, 587-602.	0.7	1
3699	Building Evidence for Clinical Use of Pharmacogenomics and Reimbursement for Testing. <i>Clinics in Laboratory Medicine</i> , 2022, 42, 533-546.	0.7	3
3701	Awareness and utilization of genetic testing among Hispanic and Latino adults living in the US: The Hispanic Community Health Study/Study of Latinos. <i>Human Genetics and Genomics Advances</i> , 2023, 4, 100160.	1.0	0
3702	Cell Biology: An Overview. , 2023, , 1-3.		0
3703	ShinyGAStool: A user-friendly tool for candidate gene association studies. <i>SoftwareX</i> , 2023, 21, 101274.	1.2	2
3704	Respiration-mediated self-switched triboelectric nanogenerator for wearable point-of-care prevention and alarm of asthma. <i>Nano Energy</i> , 2023, 106, 108058.	8.2	12
3705	Impact of Cognitive Load on Family Decision Makersâ€™ Recall and Understanding of Donation Requests for the Genotype-Tissue Expression (GTEx) Project. <i>Journal of Clinical Ethics</i> , 2018, 29, 20-30.	0.1	5
3706	iBiopsyÂ® for Precision Medicine. <i>European Medical Journal (Chelmsford, England)</i> , 0, , 50-61.	3.0	0
3707	Augmented Artificial Intelligence. <i>Future of Business and Finance</i> , 2023, , 75-100.	0.3	1
3708	An Automatic Segmentation Method for Lung Tumor Based on Improved Region Growing Algorithm. <i>Diagnostics</i> , 2022, 12, 2971.	1.3	2
3709	Biology and medicine in the landscape of quantum advantages. <i>Journal of the Royal Society Interface</i> , 2022, 19, .	1.5	24
3710	Evaluating the impact of a new educational tool on understanding of polygenic risk scores for alcohol use disorder. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	4

#	ARTICLE	IF	CITATIONS
3711	Non-Invasive Biomarkers for Early Lung Cancer Detection. <i>Cancers</i> , 2022, 14, 5782.	1.7	7
3712	Biomedical Signal Processing: The Cornerstone of Artificial Intelligence in Healthcare Wearables. , 0, , .		0
3713	Sleep quality, sleep apnea, and metabolic health in children treated with adenotonsillectomy. <i>Sleep and Breathing</i> , 0, , .	0.9	0
3714	Artificial Intelligence in Technology-Enhanced Assessment: A Survey of Machine Learning. <i>Journal of Educational Technology Systems</i> , 2023, 51, 372-386.	3.6	4
3715	Phenomics in sport: Can emerging methodology drive advanced insights?. <i>Frontiers in Network Physiology</i> , 0, 2, .	0.8	4
3716	Critically analyzing the field of neuroscience and its therapeutic application with Black populations. <i>Journal of Multicultural Counseling and Development</i> , 2023, 51, 174-182.	0.6	1
3717	Precision Medicine as a Blueprint for Surgical Education. <i>Annals of Surgery</i> , 2023, 277, e981-e983.	2.1	0
3718	Enhanced neurologic concept recognition using a named entity recognition model based on transformers. <i>Frontiers in Digital Health</i> , 0, 4, .	1.5	3
3719	Biomaterials of human source for 3D printing strategies. <i>JPhys Materials</i> , 2023, 6, 012002.	1.8	5
3720	The Introduction of Artificial Intelligence in Diagnostic Radiology Curricula: a Text and Opinion Systematic Review. <i>International Journal of Artificial Intelligence in Education</i> , 0, , .	3.9	0
3721	Individualized interventions and precision health: Lessons learned from a systematic review and implications for <sc>analyticsâ€driven</sc> geriatric research. <i>Journal of the American Geriatrics Society</i> , 0, , .	1.3	1
3722	Oncoproteomics: insight into current proteomic technologies in cancer biomarker discovery and treatment. <i>Journal of Proteins and Proteomics</i> , 0, , .	1.0	1
3723	Quantifying implementation strategy and dissemination channel preferences and experiences for pain management in primary care: a novel implementer-reported outcome. <i>Implementation Science Communications</i> , 2022, 3, .	0.8	2
3724	Ureteral identification with indocyanine green in laparoscopic colorectal surgery. <i>Asian Journal of Endoscopic Surgery</i> , 2023, 16, 312-316.	0.4	3
3725	Multiregional single-cell dissection of tumor and immune cells reveals stable lock-and-key features in liver cancer. <i>Nature Communications</i> , 2022, 13, .	5.8	33
3727	Is there a civic duty to support medical AI development by sharing electronic health records?. <i>BMC Medical Ethics</i> , 2022, 23, .	1.0	3
3728	Tactical Re-appraisals and Digitally Informed Hypotheses About the Treatment for Bipolar Disorder. , 2023, , 109-144.		0
3729	Refined moderation analysis with categorical outcomes inÂprecision medicine. <i>Statistics in Medicine</i> , 2023, 42, 470-486.	0.8	1

#	ARTICLE	IF	CITATIONS
3730	Extracellular Vesicles in Kidney Diseases: Moving Forward. <i>Kidney360</i> , 0, , 10.34067/KID.0001892022.	0.9	3
3731	Effect of a Virtual Home-Based Behavioral Intervention on Family Health and Resilience During the COVID-19 Pandemic. <i>JAMA Network Open</i> , 2022, 5, e2247691.	2.8	0
3733	Epistemic Rights and Responsibilities of Digital Simulacra for Biomedicine. <i>American Journal of Bioethics</i> , 2023, 23, 43-54.	0.5	16
3734	Design and rationale for the prospective treatment efficacy in IPF using genotype for NAC selection (PRECISIONS) clinical trial. <i>BMC Pulmonary Medicine</i> , 2022, 22, .	0.8	8
3736	The Classification of Breast Cancer: The Effect of Hyperparameter Optimisation Towards the Efficacy of Feature-Based Transfer Learning Pipeline. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2023, , 15-19.	0.2	1
3737	Identification of end-stage renal disease metabolic signatures from human perspiration. <i>Natural Sciences</i> , 2023, 3, .	1.0	1
3738	A hybrid algorithm for clinical decision support in precision medicine based on machine learning. <i>BMC Bioinformatics</i> , 2023, 24, .	1.2	2
3739	Carbon-Based Flexible Devices for Comprehensive Health Monitoring. <i>Small Methods</i> , 2023, 7, .	4.6	25
3740	Chemically engineering cells for precision medicine. <i>Chemical Society Reviews</i> , 2023, 52, 1068-1102.	18.7	22
3741	Opportunities and challenges of digital world of multimodal interventional breast radiology (review). <i>Medical Alphabet</i> , 2023, , 15-22.	0.0	0
3742	Models of Medical Reasoning. <i>Integrated Science</i> , 2023, , 115-133.	0.1	0
3743	The foundation and architecture of precision medicine in neurology and psychiatry. <i>Trends in Neurosciences</i> , 2023, 46, 176-198.	4.2	29
3744	Relative adrenal insufficiency is a risk factor and endotype of sepsis - A proof-of-concept study to support a precision medicine approach to guide glucocorticoid therapy for sepsis. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	4
3745	Personalized Precision Medicine for Health Care Professionals: Development of a Competency Framework. <i>JMIR Medical Education</i> , 0, 9, e43656.	1.2	5
3746	Development and Trends in Artificial Intelligence in Critical Care Medicine: A Bibliometric Analysis of Related Research over the Period of 2010-2021. <i>Journal of Personalized Medicine</i> , 2023, 13, 50.	1.1	5
3747	Prognosis of Individual-Level Mobility and Daily Activities Recovery From Acute Care to Community, Part 2: A Proof-of-Concept Single Group Prospective Cohort Study. <i>Archives of Physical Medicine and Rehabilitation</i> , 2023, 104, 580-589.	0.5	0
3748	Prognosis of Individual-Level Mobility and Self-Care Stroke Recovery During Inpatient Rehabilitation, Part 1: A Proof-of-Concept Single Group Retrospective Cohort Study. <i>Archives of Physical Medicine and Rehabilitation</i> , 2023, 104, 569-579.	0.5	1
3749	Diagnosing Clinical Diseases using an Edge-Enabled Deep Learning Technology. , 2022, , .		2

#	ARTICLE	IF	CITATIONS
3750	Ethical Aspects of Personalized Research and Management of Systemic Inflammatory Response Syndrome (SIRS) in Children. International Journal of Environmental Research and Public Health, 2023, 20, 470.	1.2	0
3752	Genetics and genomics: A frontier for clinicians. Singapore Medical Journal, 2023, 64, 2.	0.3	1
3753	Health inequity in genomic personalized medicine in underrepresented populations: a look at the current evidence. Functional and Integrative Genomics, 2023, 23, .	1.4	2
3754	The Future of Precision Medicine in the Cure of Alzheimer's Disease. Biomedicines, 2023, 11, 335.	1.4	7
3755	Measuring the performance of prediction models to personalize treatment choice. Statistics in Medicine, 2023, 42, 1188-1206.	0.8	8
3756	Multidirectional genetic and genomic data sharing in the All of Us research program. , 2023, , 39-69.		0
3758	Pharmacogenomics and health disparities, are we helping?. Frontiers in Genetics, 0, 14, .	1.1	2
3759	3D-printed and computational models: a combined approach for patient-specific studies. , 2023, , 105-125.		0
3760	3D Printing of Customized Drug Delivery Systems with Controlled Architecture via Reversible Addition-Fragmentation Chain Transfer Polymerization. Advanced Engineering Materials, 2023, 25, .	1.6	11
3761	Refined moderation analysis with binary outcomes in precision medicine research. Statistical Methods in Medical Research, 2023, 32, 732-747.	0.7	1
3762	Assessing the role of interactivity: An evaluation of information aids to support the enrollment of precision medicine research programs. Patient Education and Counseling, 2023, 110, 107648.	1.0	1
3763	Societal Needs and the Role of Health Care in Shaping the Future of Dentistry in the 21st Century. Journal of the California Dental Association, 2020, 48, 145-155.	0.0	0
3764	An Evolutionary Concept Analysis of Precision Medicine, and Its Contribution to a Precision Health Model for Nursing Practice. Advances in Nursing Science, 2024, 47, E1-E19.	0.6	1
3765	Drug discovery: Standing on the shoulders of giants. , 2023, , 207-338.		0
3766	The Emerging Field of Precision Medicine – The New Paradigm for Healthcare. Advancing Global Bioethics, 2023, , 9-32.	0.8	0
3767	Multi-label Classification Performance using Deep Learning. International Journal of Next-generation Computing, 0, , .	1.1	0
3768	Improved Stress Classification Using Automatic Feature Selection from Heart Rate and Respiratory Rate Time Signals. Applied Sciences (Switzerland), 2023, 13, 2950.	1.3	5
3769	Experimental Methods for the Biological Evaluation of Nanoparticle-Based Drug Delivery Risks. Pharmaceutics, 2023, 15, 612.	2.0	7

#	ARTICLE	IF	CITATIONS
3770	Prioritizing Connectedness and Equity in Speech-Language Services for American Indian and Alaska Native Children. <i>Language, Speech, and Hearing Services in Schools</i> , 2023, 54, 368-374.	0.7	3
3771	Advances in nanomaterial-based targeted drug delivery systems. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 11, .	2.0	20
3772	Harnessing the Power of Precision Medicine and Novel Biomarkers to Treat Crohn's Disease. <i>Journal of Clinical Medicine</i> , 2023, 12, 2696.	1.0	3
3773	Interpretable machine learning models for predicting in-hospital death in patients in the intensive care unit with cerebral infarction. <i>Computer Methods and Programs in Biomedicine</i> , 2023, 231, 107431.	2.6	1
3774	Organizing precision medicine: A case study of Memorial Sloan Kettering Cancer Center's engagement in/with genomics. <i>Social Science and Medicine</i> , 2023, 324, 115789.	1.8	5
3775	How can machine learning and multiscale modeling benefit ocular drug development?. <i>Advanced Drug Delivery Reviews</i> , 2023, 196, 114772.	6.6	6
3776	Modeling human health behavior with a new index that measures connectivity. <i>Preventive Medicine Reports</i> , 2023, 33, 102172.	0.8	0
3777	Common ABCB1 SNP, C3435T could affect systemic exposure of dapagliflozin in healthy subject. <i>Translational and Clinical Pharmacology</i> , 2022, 30, 212.	0.3	3
3778	Indistinct assessment of the quality of traditional Chinese medicine in precision medicine exempling as safflower. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2023, 227, 115277.	1.4	3
3779	MindingMe: A Feasibility Study on Conducting Neuroimaging Research Among Diverse Groups. <i>Nursing Research</i> , 2023, 72, 158-163.	0.8	2
3780	HÄmatologische Neoplasien und solide Tumore. , 2022, , 85-151.		0
3781	American Life in Realtime: a benchmark registry of health data for equitable precision health. <i>Nature Medicine</i> , 2023, 29, 283-286.	15.2	3
3782	Using machine learning on clinical data to identify unexpected patterns in groups of COVID-19 patients. <i>Scientific Reports</i> , 2023, 13, .	1.6	0
3784	Deep learning-extracted CT imaging phenotypes predict response to total resection in colorectal cancer. <i>Acta Radiologica</i> , 0, , 028418512311526.	0.5	0
3785	Implementing Predictive Analytics towards efficient COPD Treatments (IMPACT): protocol for a stepped-wedge cluster randomized impact study. <i>Diagnostic and Prognostic Research</i> , 2023, 7, .	0.8	0
3786	Biomarkers as Prognostic Predictors and Therapeutic Guide in Critically Ill Patients: Clinical Evidence. <i>Journal of Personalized Medicine</i> , 2023, 13, 333.	1.1	18
3787	Recurrence risk stratification for locally advanced cervical cancer using multi-modality transformer network. <i>Frontiers in Oncology</i> , 0, 13, .	1.3	4
3788	Applying a Social Determinants of Health Framework to Guide Digital Innovations That Reduce Disparities in Chronic Disease. <i>Psychosomatic Medicine</i> , 2023, 85, 659-669.	1.3	2

#	ARTICLE	IF	CITATIONS
3789	Exercise precision medicine for type 2 diabetes: Targeted benefit or risk?. Sports Medicine and Health Science, 2023, , .	0.7	0
3790	Oncogenetics and Status of Cancer Patients: bioethical and legal foundations. Revista Bioetica, 2022, 30, 705-714.	0.0	0
3791	Alexithymia in autism spectrum disorder. Australian Psychologist, 2023, 58, 131-137.	0.9	2
3792	Oncogenética y Estatuto de la Persona con Cáncer: fundamentos bioético-legales. Revista Bioetica, 2022, 30, 705-714.	0.0	0
3793	Oncogenética e Estatuto da Pessoa com Câncer: fundamentos bioético-jurídicos. Revista Bioetica, 2022, 30, 705-714.	0.0	0
3794	The Evolution of Diabetes Treatment Through the Ages: From Starvation Diets to Insulin, Incretins, SGLT2-Inhibitors and Beyond. Journal of the Indian Institute of Science, 0, , .	0.9	1
3795	Public perceptions and attitudes of the national project of bio-big data: A nationwide survey in the Republic of Korea. Frontiers in Genetics, 0, 14, .	1.1	0
3796	Cancer Biomarkers: Status and Its Future Direction. Indian Journal of Surgery, 2023, 85, 1323-1335.	0.2	1
3797	Molecular effects of site-specific phosphate-methylated primer on the structure and motions of Taq DNA polymerase. Computational and Structural Biotechnology Journal, 2023, 21, 1820-1827.	1.9	2
3798	Corporate Social Reasonability Roles in Artificial Intelligence and Big Data Analytics in Management. Advances in Data Mining and Database Management Book Series, 2023, , 76-102.	0.4	0
3799	SHock-INDuced Endotheliopathy (SHINE): A mechanistic justification for viscoelastography-guided resuscitation of traumatic and non-traumatic shock. Frontiers in Physiology, 0, 14, .	1.3	9
3800	Unified views on variant impact across many diseases. Trends in Genetics, 2023, 39, 442-450.	2.9	3
3802	Natural Language Processing (NLP) Based Innovations for Smart Healthcare Applications in Healthcare 4.0. , 2023, , 123-150.		1
3803	Application of RAFT in 3D Printing: Where Are the Future Opportunities?. Macromolecules, 2023, 56, 1778-1797.	2.2	12
3804	Precision Medicine for Whom? Public Health Outputs from "Genomics England" and "All of Us" to Make Up for Upstream and Downstream Exclusion. American Journal of Bioethics, 2024, 24, 71-85.	0.5	15
3805	The Importance of Research in Dental Education and Practice. Journal of the California Dental Association, 2020, 48, 17-22.	0.0	2
3806	Systemic inflammation shapes clinical outcomes in response to immune checkpoint blockade treatment: moving toward optimizing antitumor immunity. , 2023, 11, e006462.		3
3808	A Microbial-Based Approach to Mental Health: The Potential of Probiotics in the Treatment of Depression. Nutrients, 2023, 15, 1382.	1.7	11

#	ARTICLE	IF	CITATIONS
3809	Biomarkers in Psychiatric Drug Development: From Precision Medicine to Novel Therapeutics. <i>Advances in Neurobiology</i> , 2023, , 287-297.	1.3	0
3810	Drug discovery: Chaos can be your friend or your enemy. , 2023, , 417-511.		2
3811	Science-Informed Health Policies for Oral and Systemic Health. <i>Journal of Healthcare Leadership</i> , 0, Volume 15, 43-57.	1.5	1
3812	Biotypes of Central Nervous System Complications in People Living With Human Immunodeficiency Virus (HIV): National Institute of Mental Health Perspectives on Advancing the Future of HIV Healthcare. <i>Journal of Infectious Diseases</i> , 2023, 227, S58-S61.	1.9	0
3814	Basket Trials and Umbrella Trials. , 2023, , 87-100.		0
3815	The role of big data, risk prediction, simulation, and centralization for emergency vascular problems: Lessons learned and future directions. <i>Seminars in Vascular Surgery</i> , 2023, 36, 380-391.	1.1	1
3816	Hospital-based proton therapy implementation during the COVID pandemic: early clinical and research experience in a European academic institution. <i>Clinical and Translational Oncology</i> , 2023, 25, 1268-1276.	1.2	1
3817	Personal Genomes in Practice: Exploring Citizen and Healthcare Professionals' Perspectives on Personalized Genomic Medicine and Personal Health Data Spaces Using a Mixed-Methods Design. <i>Genes</i> , 2023, 14, 786.	1.0	1
3818	DNA-framework-based multidimensional molecular classifiers for cancer diagnosis. <i>Nature Nanotechnology</i> , 2023, 18, 677-686.	15.6	27
3819	From Personalized to Precision Medicine in Oncology: A Model-Based Dosing Approach to Optimize Achievement of Imatinib Target Exposure. <i>Pharmaceutics</i> , 2023, 15, 1081.	2.0	1
3820	New technologies: Ethics of genomics. , 2023, , .		0
3821	Direct Thermal Growth of Gold Nanoparticles on 3D Interweaved Hydrophobic Fibers as Ultrasensitive Portable SERS Substrates for Clinical Applications. <i>Small</i> , 2023, 19, .	5.2	4
3822	Epigenetics Approaches toward Precision Medicine for Idiopathic Pulmonary Fibrosis: Focus on DNA Methylation. <i>Biomedicines</i> , 2023, 11, 1047.	1.4	3
3823	Opening the Precision Diabetes Care through Digital Healthcare. <i>Diabetes and Metabolism Journal</i> , 0, , .	1.8	0
3824	Analytical device miniaturization for the detection of circulating biomarkers. , 2023, 1, 481-498.		11
3825	Social and Ethical Implications of Integrating Precision Medicine into Healthcare. <i>Advancing Global Bioethics</i> , 2023, , 125-156.	0.8	1
3827	The First-in-Human Whole-Body Dynamic Pharmacokinetics Study of Aptamer. <i>Research</i> , 2023, 6, .	2.8	8
3828	Precision Medical Education. <i>Academic Medicine</i> , 2023, 98, 775-781.	0.8	4

#	ARTICLE	IF	CITATIONS
3829	Recent Advances with Precision Medicine Treatment for Breast Cancer including Triple-Negative Sub-Type. <i>Cancers</i> , 2023, 15, 2204.	1.7	10
3830	Diagnosis and management of bipolar disorders. <i>BMJ, The</i> , 0, , e073591.	3.0	8
3831	N6-methyladenosine regulator-mediated methylation modification patterns and immune infiltration characterization in Polycystic Ovary Syndrome (PCOS). <i>Journal of Ovarian Research</i> , 2023, 16, .	1.3	2
3833	Decoding Connectivity Map-based drug repurposing for oncotherapy. <i>Briefings in Bioinformatics</i> , 2023, 24, .	3.2	9
3834	æŠ—lgEæŠ—ä1/2“ç™,æ³•ã€ãã@é©ã¿œãã@ÿés. <i>Nihon Bika Gakkai Kaishi (Japanese Journal of Rhinology)</i> , 2023, 62, 248-250.	0.2	0
3835	Nutritional genomics and biological sex. , 2023, , 441-452.		0
3837	Some Random Reflections on Evidence-Based Medicine, Precision Medicine, and Big Data Research. , 2022, , 381-390.		0
3838	Acquired susceptibility phenotype: A target for precision. , 2024, , 383-393.		0
3841	Expanded sources for precision medicine. , 2023, , 493-528.		0
3846	The Human Genome and Neonatal Care. , 2024, , 309-321.e4.		0
3852	HER-Omics, a Model of Transcriptomics Data Integration in EHRs. <i>Lecture Notes in Networks and Systems</i> , 2023, , 349-358.	0.5	0
3856	Futures orientations. , 2023, , 297-304.		0
3859	A Critical Assessment of Exposures Integration in Exposome Research. , 2023, , 129-171.		1
3863	The Clinical Research Environment. <i>Computers in Health Care</i> , 2023, , 51-68.	0.2	0
3864	Next Generation Biorepository Informatics: Supporting Genomics, Imaging, and Innovations in Spatial Biology. <i>Computers in Health Care</i> , 2023, , 69-90.	0.2	0
3870	Precision Medicine and Telemedicine. <i>Springer Handbooks</i> , 2023, , 1249-1263.	0.3	0
3874	Pharmacogenomics of immunosuppressants. , 2023, , 323-344.		0
3879	Utility of Computational Approaches for Precision Psychiatry: Applications to Substance Use Disorders. <i>Neuromethods</i> , 2023, , 211-231.	0.2	0

#	ARTICLE	IF	CITATIONS
3884	Implementation of HBEA for Tumor Cell Prediction Using Gene Expression and Dose Response. Lecture Notes on Data Engineering and Communications Technologies, 2023, , 631-649.	0.5	0
3901	“Deep learning” for healthcare: Opportunities, threats, and challenges. , 2023, , 225-244.		0
3902	Deep learning IoT in medical and healthcare. , 2023, , 245-261.		1
3909	Visual analytics. , 2023, , 295-303.		0
3918	Comprehensive and User-Analytics-Friendly Cancer Patient Database for Physicians and Researchers. , 2022, , .		0
3928	Strokecopilot: a literature-based clinical decision support system for acute ischemic stroke treatment. Journal of Neurology, 0, , .	1.8	1
3932	Artificial intelligence in precision medicine and liver disease monitoring. , 2023, , 253-268.		0
3933	Novel biomolecules in targeted cancer therapy: a new approach towards precision medicine. , 2023, 40, .		2
3943	Mikroelektroden-Arrays: Ein wertvolles Instrument zur Analyse von aus Stammzellen gewonnenen Kardiomyozyten. , 2023, , 1-24.		0
3952	Synergistic Approaches of Cross-Fertilization and Feedback Together Driving and Advancing Health for All. , 2024, , 516-523.		1
3954	Precision clinical genomics and single subject studies of multi-omics data. , 2024, , 41-56.		0
3982	Perspectives and challenges of small molecule inhibitor therapy for FLT3-mutated acute myeloid leukemia. Annals of Hematology, 0, , .	0.8	0
3986	Editorial: Human brain banking “ Bridging brain health and precision neurology. Frontiers in Neurology, 0, 14, .	1.1	0
3998	Molecular diagnostics tailoring personalized cancer therapy“an oncologist’s view. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2024, 484, 169-179.	1.4	1
4010	Smarte Healthcare Provider verbinden sich zu Precision Medicine Hubs für Multi-Stakeholder-Wertschöpfungsketten zum Patientennutzen. , 2023, , 299-309.		0
4011	DNA-based computation for multiple biomarkers. Nature Biomedical Engineering, 2023, 7, 1535-1536.	11.6	0
4015	Can We Find A Noninvasive Tool of Precision Medicine That Can Always Be Used For the Individualized Treatment of Women With Breast Cancer?. , 2023, , 96-107.		0
4019	The Way Out From the Labyrinth of Anticancer Therapies for Patients with Breast Cancer: How Can We Improve Their Cardiac Safety and Quality of Life?. , 2023, , 77-95.		0

#	ARTICLE	IF	CITATIONS
4025	The pathophysiology of sepsis and precision-medicine-based immunotherapy. <i>Nature Immunology</i> , 2024, 25, 19-28.	7.0	1
4027	The Coproduction of Health Framework: Seeking Instructive Management Models and Theories. <i>Advances in Health Care Management</i> , 2024, , 181-210.	0.1	0
4028	Goal-oriented action: New perspectives with special emphasis on neurorehabilitation. , 2024, , 349-387.		0
4029	Pharmacogenomics Education. , 2023, , 403-412.		0
4053	The Future of Healthcare and Patient-Centric Care. <i>Advances in Healthcare Information Systems and Administration Book Series</i> , 2024, , 240-262.	0.2	12
4055	HÄmatologische Neoplasien und solide Tumore. , 2023, , 99-174.		0
4060	Herbal Medicines for the Treatment of COPD. , 2023, , 167-184.		0
4069	Advancements in Precision Medicine. <i>Advances in Bioinformatics and Biomedical Engineering Book Series</i> , 2024, , 310-326.	0.2	0
4070	Advanced Technologies in Clinical Research and Drug Development. <i>Advances in Computational Intelligence and Robotics Book Series</i> , 2024, , 1-17.	0.4	0
4071	Biomarker-Based Personalized Management for Cardiovascular Disorders. <i>Advances in Bioinformatics and Biomedical Engineering Book Series</i> , 2024, , 138-162.	0.2	0
4074	Genetic Data Analysis. , 2023, , 801-815.		0
4075	Cancer Precision Drug Discovery Using Big Data and Artificial Intelligence Technologies. , 2023, , 400-427.		0
4076	The Role of Genetic Data Analysis for Precision Therapy in Cancer. , 2023, , 1467-1483.		0