

Implementing genomic medicine in the clinic: the future

Genetics in Medicine

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Genomic Medicine, Precision Medicine, Personalized Medicine: Whatâ€™s in a Name?. Clinical Pharmacology and Therapeutics, 2013, 94, 169-172.	2.3	59
2	ACMG recommendations for reporting of incidental findings in clinical exome and genome sequencing. Genetics in Medicine, 2013, 15, 565-574.	1.1	2,186
3	The Electronic Medical Records and Genomics (eMERGE) Network: past, present, and future. Genetics in Medicine, 2013, 15, 761-771.	1.1	611
4	Bringing genome-wide association findings into clinical use. Nature Reviews Genetics, 2013, 14, 549-558.	7.7	320
5	Genomic Testing: The Clinical Laboratory Perspective. Clinical Pharmacology and Therapeutics, 2013, 94, 190-192.	2.3	7
6	Some experiences and opportunities for big data in translational research. Genetics in Medicine, 2013, 15, 802-809.	1.1	76
7	Stakeholder engagement: a key component of integrating genomic information into electronic health records. Genetics in Medicine, 2013, 15, 792-801.	1.1	64
8	Ethical, legal, and social implications of incorporating genomic information into electronic health records. Genetics in Medicine, 2013, 15, 810-816.	1.1	80
9	Practical challenges in integrating genomic data into the electronic health record. Genetics in Medicine, 2013, 15, 772-778.	1.1	85
10	Application of Human Genome Information to Clinical Practice. , 2013, , 204-215.		0
11	Parkinson's disease redefined. Lancet Neurology, The, 2013, 12, 422-423.	4.9	6
12	The arrival of genomic medicine to the clinic is only the beginning of the journey. Genetics in Medicine, 2013, 15, 268-269.	1.1	24
13	The new sequencer on the block: comparison of Life Technologyâ€™s Proton sequencer to an Illumina HiSeq for whole-exome sequencing. Human Genetics, 2013, 132, 1153-1163.	1.8	75
14	Personalized medicine: challenges and opportunities for translational bioinformatics. Personalized Medicine, 2013, 10, 453-462.	0.8	57
15	Translational utility of next-generation sequencing. Genomics, 2013, 102, 137-139.	1.3	31
17	The undiscovered country: the future of integrating genomic information into the EHR. Genetics in Medicine, 2013, 15, 842-845.	1.1	5
18	Opportunities for genomic clinical decision support interventions. Genetics in Medicine, 2013, 15, 817-823.	1.1	63
19	PATH-SCAN: A REPORTING TOOL FOR IDENTIFYING CLINICALLY ACTIONABLE VARIANTS. , 2013, , .		9

#	ARTICLE	IF	CITATIONS
20	Population-Based Universal Screening for Lynch Syndrome: Ready, Setâ€¦ How?. <i>Journal of Clinical Oncology</i> , 2013, 31, 2527-2529.	0.8	12
21	Short Read (Next-Generation) Sequencing. <i>Circulation: Cardiovascular Genetics</i> , 2013, 6, 427-434.	5.1	23
22	Expanding the Foundation for Personalized Medicine. <i>Journal of Dental Research</i> , 2013, 92, S3-S10.	2.5	48
23	Pharmacogenomics of anti-platelet therapy: how much evidence is enough for clinical implementation?. <i>Journal of Human Genetics</i> , 2013, 58, 339-345.	1.1	28
24	Clinical Genomic Database. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9851-9855.	3.3	110
25	Massively parallel sequencing: the new frontier of hematologic genomics. <i>Blood</i> , 2013, 122, 3268-3275.	0.6	23
27	Bringing personalized medicine to the community through public engagement. <i>Personalized Medicine</i> , 2013, 10, 647-659.	0.8	7
28	Delivering pharmacogenetic testing in a primary care setting. <i>Pharmacogenomics and Personalized Medicine</i> , 2013, 6, 105.	0.4	37
29	Pharmacogenomic knowledge gaps and educational resource needs among physicians in selected specialties. <i>Pharmacogenomics and Personalized Medicine</i> , 2014, 7, 145.	0.4	93
30	Return of results in the genomic medicine projects of the eMERGE network. <i>Frontiers in Genetics</i> , 2014, 5, 50.	1.1	40
31	Design and Implementation of a Randomized Controlled Trial of Genomic Counseling for Patients with Chronic Disease. <i>Journal of Personalized Medicine</i> , 2014, 4, 1-19.	1.1	20
32	An assessment of clinician and researcher needs for support in the era of genomic medicine. <i>Personalized Medicine</i> , 2014, 11, 569-579.	0.8	2
33	Pharmacogenetic approaches in the treatment of alcohol use disorders: addressing clinical utility and implementation thresholds. <i>Addiction Science & Clinical Practice</i> , 2014, 9, 20.	1.2	6
34	Translating personalized medicine using new genetic technologies in clinical practice: the ethical issues. <i>Personalized Medicine</i> , 2014, 11, 211-222.	0.8	34
35	The economic value of personalized medicine tests: what we know and what we need to know. <i>Genetics in Medicine</i> , 2014, 16, 251-257.	1.1	91
36	Delivery of clinical genetic consultative services in the Veterans Health Administration. <i>Genetics in Medicine</i> , 2014, 16, 609-619.	1.1	20
37	Geneâ€¦environment interactions in severe intraventricular hemorrhage of preterm neonates. <i>Pediatric Research</i> , 2014, 75, 241-250.	1.1	49
38	Factors influencing organizational adoption and implementation of clinical genetic services. <i>Genetics in Medicine</i> , 2014, 16, 238-245.	1.1	56

#	ARTICLE	IF	CITATIONS
39	Public Health Pharmacogenomics. <i>Public Health Genomics</i> , 2014, 17, 245-247.	0.6	1
40	The unintended implications of blurring the line between research and clinical care in a genomic age. <i>Personalized Medicine</i> , 2014, 11, 285-295.	0.8	38
41	Horizon scanning for translational genomic research beyond bench to bedside. <i>Genetics in Medicine</i> , 2014, 16, 535-538.	1.1	28
42	Dissection of Immune Gene Networks in Primary Melanoma Tumors Critical for Antitumor Surveillance of Patients with Stage II-III Resectable Disease. <i>Journal of Investigative Dermatology</i> , 2014, 134, 2202-2211.	0.3	51
43	Introducing a New Competency Into Nursing Practice. <i>Journal of Nursing Regulation</i> , 2014, 5, 40-47.	1.6	45
44	The Challenge of Informed Consent and Return of Results in Translational Genomics: Empirical Analysis and Recommendations. <i>Journal of Law, Medicine and Ethics</i> , 2014, 42, 344-355.	0.4	63
45	Implementation of pharmacogenetics: The University of Maryland personalized antiplatelet pharmacogenetics program. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2014, 166, 76-84.	0.7	82
46	Obstacles and opportunities for the future of genomic medicine. <i>Molecular Genetics & Genomic Medicine</i> , 2014, 2, 205-209.	0.6	11
47	Economic Evaluation of Pharmacogenomics: A Value-Based Approach to Pragmatic Decision Making in the Face of Complexity. <i>Public Health Genomics</i> , 2014, 17, 256-264.	0.6	51
48	Dan Roden. <i>Circulation Research</i> , 2014, 115, 693-695.	2.0	0
49	Integrating genomics into clinical oncology: Ethical and social challenges from proponents of personalized medicine. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2014, 32, 187-192.	0.8	45
50	Implementing individualized medicine into the medical practice. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2014, 166, 15-23.	0.7	58
51	Use it or lose it as an alternative approach to protect genetic privacy in personalized medicine. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2014, 32, 198-201.	0.8	12
52	Integrating Massively Parallel Sequencing into Diagnostic Workflows and Managing the Annotation and Clinical Interpretation Challenge. <i>Human Mutation</i> , 2014, 35, 413-423.	1.1	23
53	Professional Medical Education and Genomics. <i>Annual Review of Genomics and Human Genetics</i> , 2014, 15, 507-516.	2.5	35
54	Establishing diagnostic criteria for severe combined immunodeficiency disease (SCID), leaky SCID, and Omenn syndrome: The Primary Immune Deficiency Treatment Consortium experience. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1092-1098.	1.5	301
55	Cardiovascular Pharmacogenomics: Expectations and Practical Benefits. <i>Clinical Pharmacology and Therapeutics</i> , 2014, 95, 281-293.	2.3	54
56	Applied Pharmacogenomics in Cardiovascular Medicine. <i>Annual Review of Medicine</i> , 2014, 65, 81-94.	5.0	21

#	ARTICLE	IF	CITATIONS
57	Autoimmune liver disease, autoimmunity and liver transplantation. <i>Journal of Hepatology</i> , 2014, 60, 210-223.	1.8	184
58	Personalized medicine to treat arrhythmias. <i>Current Opinion in Pharmacology</i> , 2014, 15, 61-67.	1.7	4
59	Disease variants in genomes of 44 centenarians. <i>Molecular Genetics & Genomic Medicine</i> , 2014, 2, 438-450.	0.6	58
60	Bridging genomics research between developed and developing countries: the Genomic Medicine Alliance. <i>Personalized Medicine</i> , 2014, 11, 615-623.	0.8	22
62	Clinical Applications of Age-Related Macular Degeneration Genetics. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2014, 4, a017228-a017228.	2.9	10
63	Comparative effectiveness of next generation genomic sequencing for disease diagnosis: Design of a randomized controlled trial in patients with colorectal cancer/polyposis syndromes. <i>Contemporary Clinical Trials</i> , 2014, 39, 1-8.	0.8	17
64	Characterizing genetic variants for clinical action. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2014, 166, 93-104.	0.7	50
65	Implementation of genomic medicine in a health care delivery system: A value proposition?. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2014, 166, 112-116.	0.7	15
66	The business of genomic testing: a survey of early adopters. <i>Genetics in Medicine</i> , 2014, 16, 954-961.	1.1	13
67	The Rapidly Emerging Role for Whole Exome Sequencing in Clinical Genetics. <i>Current Genetic Medicine Reports</i> , 2014, 2, 103-112.	1.9	5
68	Personalised medicine, disease prevention, and the inverse care law: more harm than benefit?. <i>European Journal of Epidemiology</i> , 2014, 29, 383-390.	2.5	20
69	Developing a framework for implementation of genetic services: learning from examples of testing for monogenic forms of common diseases. <i>Journal of Community Genetics</i> , 2014, 5, 337-347.	0.5	33
70	Integrating pharmacogenetic information and clinical decision support into the electronic health record. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2014, 21, 522-528.	2.2	61
71	Toward Personalized Prevention of Obesity: Can Vitamin D Negate the FTO Effect?. <i>Diabetes</i> , 2014, 63, 405-406.	0.3	3
72	Future of pharmacogenetics-based therapy for tuberculosis. <i>Pharmacogenomics</i> , 2014, 15, 601-607.	0.6	32
73	Leading the way to genomic medicine. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2014, 166, 1-7.	0.7	26
74	Data collaboration will lead precision medicine. <i>Genomics Data</i> , 2014, 2, 49.	1.3	0
75	A Board Game for Undergraduate Genetics Vocabulary and Concept Review: The Pathway Shuffle. <i>Journal of Microbiology and Biology Education</i> , 2014, 15, 328-329.	0.5	8

#	ARTICLE	IF	CITATIONS
76	Do physicians think genomic medicine will be useful for patient care?. Personalized Medicine, 2014, 11, 425-433.	0.8	21
77	Grappling With Genomic Incidental Findings in the Clinical Realm. Chest, 2014, 145, 226-230.	0.4	4
78	Public attitudes toward genetic risk testing and its role in healthcare. Personalized Medicine, 2014, 11, 509-522.	0.8	30
79	Adverse selection in a start-up long-term care insurance market. British Actuarial Journal, 2015, 20, 298-347.	0.2	8
80	Challenges of using next generation sequencing in newborn screening. Genetical Research, 2015, 97, e21.	0.3	18
81	Comprehensive gene panels provide advantages over clinical exome sequencing for Mendelian diseases. Genome Biology, 2015, 16, 134.	3.8	158
82	Determination of Genotypes Using a Fully Automated Molecular Detection System. Archives of Pathology and Laboratory Medicine, 2015, 139, 805-811.	1.2	3
83	The IGNITE network: a model for genomic medicine implementation and research. BMC Medical Genomics, 2015, 9, 1.	0.7	189
84	Is the genomic translational pipeline being disrupted?. Human Genomics, 2015, 9, 9.	1.4	6
85	Descriptive epidemiology of birth defects thought to arise by new mutation. Birth Defects Research Part A: Clinical and Molecular Teratology, 2015, 103, 913-927.	1.6	2
86	Experiences with obtaining informed consent for genomic sequencing. American Journal of Medical Genetics, Part A, 2015, 167, 2635-2646.	0.7	91
87	Challenges of Coverage Policy Development for Next-Generation Tumor Sequencing Panels: Experts and Payers Weigh In. Journal of the National Comprehensive Cancer Network: JNCCN, 2015, 13, 311-318.	2.3	39
88	Predictive or not predictive: understanding the mixed messages from the patient's <scp>DNA</scp> sequence. Journal of Clinical Nursing, 2015, 24, 3730-3735.	1.4	1
89	Mapping the Ethics of Translational Genomics: Situating Return of Results and Navigating the Research-Clinical Divide. Journal of Law, Medicine and Ethics, 2015, 43, 486-501.	0.4	47
90	Genomics in medicine: From promise to practice. South African Medical Journal, 2015, 105, 545.	0.2	5
91	Perspectives on Genetic and Genomic Technologies in an Academic Medical Center: The Duke Experience. Journal of Personalized Medicine, 2015, 5, 67-82.	1.1	15
92	Precision Medicine for Continuing Phenotype Expansion of Human Genetic Diseases. BioMed Research International, 2015, 2015, 1-4.	0.9	17
93	Global implementation of genomic medicine: We are not alone. Science Translational Medicine, 2015, 7, 290ps13.	5.8	146

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94	Community engagement with genetics: public perceptions and expectations about genetics research. <i>Health Expectations</i> , 2015, 18, 1413-1425.	1.1	30
95	Comparison of predicted and actual consequences of missense mutations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E5189-98.	3.3	200
96	Challenges for providing genetic counselling in Colombian genetic clinics: the viewpoint of the physicians providing genetic consultations. <i>Journal of Community Genetics</i> , 2015, 6, 301-311.	0.5	6
97	Translational Genomics in Low- and Middle-Income Countries: Opportunities and Challenges. <i>Public Health Genomics</i> , 2015, 18, 242-247.	0.6	79
98	Can We Afford to Sequence Every Newborn Baby's Genome?. <i>Human Mutation</i> , 2015, 36, 283-286.	1.1	19
99	Capturing the clinical utility of genomic testing: medical recommendations following pediatric microarray. <i>European Journal of Human Genetics</i> , 2015, 23, 1135-1141.	1.4	17
100	Training future physicians in the era of genomic medicine: trends in undergraduate medical genetics education. <i>Genetics in Medicine</i> , 2015, 17, 927-934.	1.1	81
101	Flexible positions, managed hopes: The promissory bioeconomy of a whole genome sequencing cancer study. <i>Social Science and Medicine</i> , 2015, 130, 146-153.	1.8	22
102	Comprehensive screening for mutations associated with colorectal cancer in unselected cases reveals penetrant and nonpenetrant mutations. <i>International Journal of Cancer</i> , 2015, 136, E559-68.	2.3	21
103	Perspectives on what is needed to implement genomic medicine. <i>Molecular Genetics & Genomic Medicine</i> , 2015, 3, 155-159.	0.6	10
104	Reporting genomic secondary findings: ACMG members weigh in. <i>Genetics in Medicine</i> , 2015, 17, 27-35.	1.1	57
105	Leveraging Epidemiologic and Clinical Collections for Genomic Studies of Complex Traits. <i>Human Heredity</i> , 2015, 79, 137-146.	0.4	34
106	ASHP Statement on the Pharmacist's Role in Clinical Pharmacogenomics. <i>American Journal of Health-System Pharmacy</i> , 2015, 72, 579-581.	0.5	89
107	Closing the Gap between Knowledge and Clinical Application: Challenges for Genomic Translation. <i>PLoS Genetics</i> , 2015, 11, e1004978.	1.5	36
108	Evaluating Approaches for Communication About Genomic Influences on Body Weight. <i>Annals of Behavioral Medicine</i> , 2015, 49, 675-684.	1.7	25
109	Comprehending the Body in the Era of the Epigenome. <i>Current Anthropology</i> , 2015, 56, 151-177.	0.8	192
110	An inter-professional approach to personalized medicine education: one institution's experience. <i>Personalized Medicine</i> , 2015, 12, 129-138.	0.8	21
111	Assessing multilevel determinants of adoption and implementation of genomic medicine: an organizational mixed-methods approach. <i>Genetics in Medicine</i> , 2015, 17, 919-926.	1.1	7

#	ARTICLE	IF	CITATIONS
112	Societal preferences for the return of incidental findings from clinical genomic sequencing: a discrete-choice experiment. <i>Cmaj</i> , 2015, 187, E190-E197.	0.9	76
114	Genomics in the clinic: ethical and policy challenges in clinical next-generation sequencing programs at early adopter USA institutions. <i>Personalized Medicine</i> , 2015, 12, 269-282.	0.8	3
115	Making Personalized Health Care Even More Personalized: Insights From Activities of the IOM Genomics Roundtable. <i>Annals of Family Medicine</i> , 2015, 13, 373-380.	0.9	34
116	Effects of provision of type 2 diabetes genetic risk feedback on patient perceptions of diabetes control and diet and physical activity self-efficacy. <i>Patient Education and Counseling</i> , 2015, 98, 1600-1607.	1.0	5
117	Effectiveness of lifestyle-based weight loss interventions for adults with type 2 diabetes: a systematic review and meta-analysis. <i>Diabetes, Obesity and Metabolism</i> , 2015, 17, 371-378.	2.2	64
118	Genomic Applications in Pathology. , 2015, , .		1
119	Integrating Personalization of Treatment with Tamoxifen into Pharmacy Practice Via Clinical Pharmacist Role in Therapy Management. <i>Journal of Pharmaceutical Care & Health Systems</i> , 2016, 3, .	0.1	0
120	Post Genomics: towards a Personalized Approach to Chromosome Abnormalities. <i>Journal of Down Syndrome & Chromosome Abnormalities</i> , 2016, 2, .	0.1	0
121	Evaluation: A Qualitative Pilot Study of Novel Information Technology Infrastructure to Communicate Genetic Variant Updates. <i>Applied Clinical Informatics</i> , 2016, 07, 461-476.	0.8	10
122	Practical considerations for implementing genomic information resources. <i>Applied Clinical Informatics</i> , 2016, 07, 870-882.	0.8	21
123	Pharmacogenetics in Cardiovascular Medicine. <i>Current Genetic Medicine Reports</i> , 2016, 4, 119-129.	1.9	9
124	Disease-drug database for pharmacogenomic-based prescribing. <i>Clinical Pharmacology and Therapeutics</i> , 2016, 100, 179-190.	2.3	16
125	Generating a taxonomy for genetic conditions relevant to reproductive planning. <i>American Journal of Medical Genetics, Part A</i> , 2016, 170, 565-573.	0.7	25
126	Clinical implementation of genomic medicine: the importance of global collaboration. <i>Expert Review of Precision Medicine and Drug Development</i> , 2016, 1, 349-351.	0.4	3
127	ESMO / ASCO Recommendations for a Global Curriculum in Medical Oncology Edition 2016. <i>ESMO Open</i> , 2016, 1, e000097.	2.0	82
128	Merging Electronic Health Record Data and Genomics for Cardiovascular Research. <i>Circulation: Cardiovascular Genetics</i> , 2016, 9, 193-202.	5.1	20
129	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
130	UK Pharmacogenetics and Stratified Medicine Network. <i>Personalized Medicine</i> , 2016, 13, 107-112.	0.8	1

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131	Implementation of genomic medicine in Sri Lanka: Initial experience and challenges. <i>Applied & Translational Genomics</i> , 2016, 9, 33-36.	2.1	11
132	Genetic Transparency? Ethical and Social Implications of Next Generation Human Genomics and Genetic Medicine. , 2016, , 292 pp..		2
133	Clinical Sequencing Exploratory Research Consortium: Accelerating Evidence-Based Practice of Genomic Medicine. <i>American Journal of Human Genetics</i> , 2016, 98, 1051-1066.	2.6	137
134	Recommendations for the integration of genomics into clinical practice. <i>Genetics in Medicine</i> , 2016, 18, 1075-1084.	1.1	125
135	Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980â€“2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet</i> , The, 2016, 388, 1459-1544.	6.3	4,934
136	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
137	Precision medicine, genomics and drug discovery: Table 1.. <i>Human Molecular Genetics</i> , 2016, 25, R166-R172.	1.4	43
138	Saving the spandrels? Adaptive genomic variation in conservation and fisheries management. <i>Journal of Fish Biology</i> , 2016, 89, 2697-2716.	0.7	48
139	Effects of Using Personal Genotype Data on Student Learning and Attitudes in a Pharmacogenomics Course. <i>American Journal of Pharmaceutical Education</i> , 2016, 80, 122.	0.7	43
140	Translating genome-wide association findings into new therapeutics for psychiatry. <i>Nature Neuroscience</i> , 2016, 19, 1392-1396.	7.1	115
141	Physician Assistant Genomic Competencies. <i>Journal of Physician Assistant Education</i> , 2016, 27, 110-116.	0.2	17
142	Nonverbal and paraverbal behavior in (simulated) medical visits related to genomics and weight: a role for emotion and race. <i>Journal of Behavioral Medicine</i> , 2016, 39, 804-814.	1.1	20
143	Incidentalome from Genomic Sequencing: A Barrier to Personalized Medicine?. <i>EBioMedicine</i> , 2016, 5, 211-216.	2.7	23
144	Translating translational medicine into global health equity: What is needed?. <i>Applied & Translational Genomics</i> , 2016, 9, 37-39.	2.1	6
145	Determining the effects and challenges of incorporating genetic testing into primary care management of hypertensive patients with African ancestry. <i>Contemporary Clinical Trials</i> , 2016, 47, 101-108.	0.8	35
146	Integrating electronic health record genotype and phenotype datasets to transform patient care. <i>Clinical Pharmacology and Therapeutics</i> , 2016, 99, 298-305.	2.3	23
147	Participant use and communication of findings from exome sequencing: a mixed-methods study. <i>Genetics in Medicine</i> , 2016, 18, 577-583.	1.1	56
148	Toward clinical genomics in everyday medicine: perspectives and recommendations. <i>Expert Review of Molecular Diagnostics</i> , 2016, 16, 521-532.	1.5	58

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149	Patientsâ€™ perceived utility of whole-genome sequencing for their healthcare: findings from the MedSeq project. <i>Personalized Medicine</i> , 2016, 13, 13-20.	0.8	31
150	Translating Genomic Advances to Physical Therapist Practice: A Closer Look at the Nature and Nurture of Common Diseases. <i>Physical Therapy</i> , 2016, 96, 570-580.	1.1	13
151	Clinical Trials in Precision Oncology. <i>Clinical Chemistry</i> , 2016, 62, 442-448.	1.5	8
152	Patient safety in genomic medicine: an exploratory study. <i>Genetics in Medicine</i> , 2016, 18, 1136-1142.	1.1	15
153	Genotyping of single nucleotide polymorphisms related to attention-deficit hyperactivity disorder. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 2339-2345.	1.9	10
154	Single nucleotide polymorphisms in clinics: Fantasy or reality for cancer?. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2016, 53, 29-39.	2.7	71
155	Health-care professionalsâ€™ responsibility to patientsâ€™ relatives in genetic medicine: a systematic review and synthesis of empirical research. <i>Genetics in Medicine</i> , 2016, 18, 290-301.	1.1	76
156	Cardiovascular pharmacogenomics: current status and future directions. <i>Journal of Human Genetics</i> , 2016, 61, 79-85.	1.1	25
157	Translational bioinformatics in the era of real-time biomedical, health care and wellness data streams. <i>Briefings in Bioinformatics</i> , 2017, 18, 105-124.	3.2	146
158	Electronic health record interventions at the point of care improve documentation of care processes and decrease orders for genetic tests commonly ordered by nongeneticists. <i>Genetics in Medicine</i> , 2017, 19, 112-120.	1.1	7
159	Discussing molecular testing in oncology care: Comparing patient and physician information preferences. <i>Cancer</i> , 2017, 123, 1610-1616.	2.0	14
160	Strategies for integrating personalized medicine into healthcare practice. <i>Personalized Medicine</i> , 2017, 14, 141-152.	0.8	93
161	Genomic medicine practice among physicians in Taiwan. <i>Personalized Medicine</i> , 2017, 14, 109-121.	0.8	6
162	Care delivery considerations for widespread and equitable implementation of inherited cancer predisposition testing. <i>Expert Review of Molecular Diagnostics</i> , 2017, 17, 57-70.	1.5	30
163	The current state of implementation science in genomic medicine: opportunities for improvement. <i>Genetics in Medicine</i> , 2017, 19, 858-863.	1.1	102
164	The Pharmacogenomics Research Network Translational Pharmacogenetics Program: Outcomes and Metrics of Pharmacogenetic Implementations Across Diverse Healthcare Systems. <i>Clinical Pharmacology and Therapeutics</i> , 2017, 102, 502-510.	2.3	117
165	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
166	Deep brain stimulation for dystonia: a novel perspective on the value of genetic testing. <i>Journal of Neural Transmission</i> , 2017, 124, 417-430.	1.4	68

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168	Pharmacogenomics-Based Point-of-Care Clinical Decision Support Significantly Alters Drug Prescribing. <i>Clinical Pharmacology and Therapeutics</i> , 2017, 102, 859-869.	2.3	68
169	Low-cost genotyping method based on allele-specific recombinase polymerase amplification and colorimetric microarray detection. <i>Mikrochimica Acta</i> , 2017, 184, 1453-1462.	2.5	47
170	Communicating Personal Genomic Information to Non-experts: A New Frontier for Human-Computer Interaction. <i>Foundations and Trends in Human-Computer Interaction</i> , 2017, 11, 1-62.	1.8	38
171	Assessment of patient perceptions of genomic testing to inform pharmacogenomic implementation. <i>Pharmacogenetics and Genomics</i> , 2017, 27, 179-189.	0.7	37
172	Gene-Environment Interaction in the Behavioral Sciences: Findings, Challenges, and Prospects. , 2017, , 35-57.		6
173	Precision Genetic and Genomic Medicine in the Middle East and North Africa Region: Are We There Yet?. <i>Public Health Genomics</i> , 2017, 20, 149-157.	0.6	8
174	Preparing for genomic medicine: a real world demonstration of health system change. <i>Npj Genomic Medicine</i> , 2017, 2, 16.	1.7	73
175	Clinical Genomic Testing. , 2017, , 247-262.		0
176	Gene-Environment Transactions in Developmental Psychopathology. , 2017, , .		1
177	Matching consent to purpose: The example of the Matchmaker Exchange. <i>Human Mutation</i> , 2017, 38, 1281-1285.	1.1	13
178	Clinical Implementation of Pharmacogenomics for Personalized Precision Medicine: Barriers and Solutions. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 2368-2379.	1.6	157
179	Local and Global Challenges in the Clinical Implementation of Precision Medicine. , 2017, , 105-117.		1
180	Insights from early experience of a Rare Disease Genomic Medicine Multidisciplinary Team: a qualitative study. <i>European Journal of Human Genetics</i> , 2017, 25, 680-686.	1.4	24
181	Perspectives in Digital Health and Precision Medicine. <i>TELe-Health</i> , 2017, , 91-102.	0.2	0
182	Electronic Medical Record-Integrated Pharmacogenomics and Related Clinical Decision Support Concepts. <i>Clinical Pharmacology and Therapeutics</i> , 2017, 102, 254-264.	2.3	67
183	The price of whole-genome sequencing may be decreasing, but who will be sequenced?. <i>Personalized Medicine</i> , 2017, 14, 203-211.	0.8	7
184	The cost and cost trajectory of whole-genome analysis guiding treatment of patients with advanced cancers. <i>Molecular Genetics & Genomic Medicine</i> , 2017, 5, 251-260.	0.6	40
185	New Perspectives in Medical Records. <i>TELe-Health</i> , 2017, , .	0.2	3

#	ARTICLE	IF	CITATIONS
186	Genomic translational research: Paving the way to individualized cardiac functional analyses and personalized cardiology. <i>International Journal of Cardiology</i> , 2017, 230, 384-401.	0.8	21
187	The value of genetic testing: beyond clinical utility. <i>Genetics in Medicine</i> , 2017, 19, 763-771.	1.1	22
188	Simplifying the use of pharmacogenomics in clinical practice: Building the genomic prescribing system. <i>Journal of Biomedical Informatics</i> , 2017, 75, 110-121.	2.5	38
192	High-Definition Medicine. <i>Cell</i> , 2017, 170, 828-843.	13.5	168
193	Genetic Test, Risk Prediction, and Counseling. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1005, 21-46.	0.8	5
194	Lessons learned from a multidisciplinary renal genetics clinic. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2017, 110, 453-457.	0.2	32
195	Collaborative Counseling Considerations for Pharmacogenomic Tests. <i>Pharmacotherapy</i> , 2017, 37, 990-999.	1.2	38
196	Clinical Genomics in Inflammatory Bowel Disease. <i>Trends in Genetics</i> , 2017, 33, 629-641.	2.9	123
197	Care and cost consequences of pediatric whole genome sequencing compared to chromosome microarray. <i>European Journal of Human Genetics</i> , 2017, 25, 1303-1312.	1.4	32
199	The Impact of Whole-Genome Sequencing on the Primary Care and Outcomes of Healthy Adult Patients. <i>Annals of Internal Medicine</i> , 2017, 167, 159.	2.0	145
200	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
201	Healthcare provider education to support integration of pharmacogenomics in practice: the eMERGE Network experience. <i>Pharmacogenomics</i> , 2017, 18, 1013-1025.	0.6	55
202	Severe Combined Immune Deficiency. , 2017, , 2573-2584.		0
203	Information Topics of Greatest Interest for Return of Genome Sequencing Results among Women Diagnosed with Breast Cancer at a Young Age. <i>Journal of Genetic Counseling</i> , 2017, 26, 511-521.	0.9	2
204	Multidisciplinary model to implement pharmacogenomics at the point of care. <i>Genetics in Medicine</i> , 2017, 19, 421-429.	1.1	74
205	Ending a Diagnostic Odyssey. <i>Pediatric Clinics of North America</i> , 2017, 64, 265-272.	0.9	32
208	Physiciansâ€™ pharmacogenomics information needs and seeking behavior: a study with case vignettes. <i>BMC Medical Informatics and Decision Making</i> , 2017, 17, 113.	1.5	16
210	Exploring Genetic Numeracy Skills in a Sample of U.S. University Students. <i>Frontiers in Public Health</i> , 2017, 5, 229.	1.3	4

#	ARTICLE	IF	CITATIONS
211	Accelerators: Sparking Innovation and Transdisciplinary Team Science in Disparities Research. International Journal of Environmental Research and Public Health, 2017, 14, 225.	1.2	26
212	Bringing Genomics to Medicine. , 2017, , 283-297.		2
213	Genomic Literacy and the Communication of Genetic and Genomic Information. , 0, , 221-242.		0
214	Radiogenomics: Identification of Genomic Predictors for Radiation Toxicity. Seminars in Radiation Oncology, 2017, 27, 300-309.	1.0	46
215	Genetic identification of a common collagen disease in Puerto Ricans via identity-by-descent mapping in a health system. ELife, 2017, 6, .	2.8	65
216	Applications of Next-Generation Sequencing in Cancer Research and Molecular Diagnosis. Journal of Clinical & Medical Genomics, 2017, 05, .	0.1	0
218	Research Directions in the Clinical Implementation of Pharmacogenomics: An Overview of US Programs and Projects. Clinical Pharmacology and Therapeutics, 2018, 103, 778-786.	2.3	110
219	Patient perspectives following pharmacogenomics results disclosure in an integrated health system. Pharmacogenomics, 2018, 19, 321-331.	0.6	38
220	Clinical application of pharmacogenetics in pain management. Personalized Medicine, 2018, 15, 117-126.	0.8	20
221	Clinical pharmacogenomics testing in the era of next generation sequencing: challenges and opportunities for precision medicine. Expert Review of Molecular Diagnostics, 2018, 18, 411-421.	1.5	23
222	Toward the implementation of genomic applications for smoking cessation and smoking-related diseases. Translational Behavioral Medicine, 2018, 8, 7-17.	1.2	12
223	Toward greater understanding of patient decision-making around genome sequencing. Personalized Medicine, 2018, 15, 57-66.	0.8	8
224	Obesity, race and the indigenous origins of health risks among Mexican mestizos. Ethnic and Racial Studies, 2018, 41, 2731-2749.	1.5	15
225	Tensions in ethics and policy created by National Precision Medicine Programs. Human Genomics, 2018, 12, 22.	1.4	32
226	Meeting the challenges of implementing rapid genomic testing in acute pediatric care. Genetics in Medicine, 2018, 20, 1554-1563.	1.1	125
227	Is prenatal genomic testing ready for prime time?. Genetics in Medicine, 2018, 20, 695-696.	1.1	1
228	Great expectations: patient perspectives and anticipated utility of non-diagnostic genomic-sequencing results. Journal of Community Genetics, 2018, 9, 19-26.	0.5	19
229	The challenges of the expanded availability of genomic information: an agenda-setting paper. Journal of Community Genetics, 2018, 9, 103-116.	0.5	45

#	ARTICLE	IF	CITATIONS
230	Navigating the researchâ€“clinical interface in genomic medicine: analysis from the CSER Consortium. <i>Genetics in Medicine</i> , 2018, 20, 545-553.	1.1	34
231	Developing a common framework for evaluating the implementation of genomic medicine interventions in clinical care: the IGNITE Networkâ€™s Common Measures Working Group. <i>Genetics in Medicine</i> , 2018, 20, 655-663.	1.1	50
232	Reactions to clinical reinterpretation of a gene variant by participants in a sequencing study. <i>Genetics in Medicine</i> , 2018, 20, 337-345.	1.1	14
233	Role of Germline Genetics in Identifying Survivors at Risk for Adverse Effects of Cancer Treatment. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2018, 38, 775-786.	1.8	12
234	New Approaches to Collecting Family Health History â€“ A Preliminary Study Investigating the Efficacy of Conversational Systems to Collect Family Health History. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2018, 62, 277-281.	0.2	7
235	An Investigation of the Usability Issues of a Family Health History Compiling Application. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2018, 62, 1699-1703.	0.2	5
236	GenoPri'16: International Workshop on Genome Privacy and Security. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2018, 15, 1403-1404.	1.9	0
237	Academic Medical Centers as Innovation Ecosystems: Evolution of Industry Partnership Models Beyond the Bayâ€“Dole Act. <i>Academic Medicine</i> , 2018, 93, 1135-1141.	0.8	20
238	Perceptions of students in health and molecular life sciences regarding pharmacogenomics and personalized medicine. <i>Human Genomics</i> , 2018, 12, 50.	1.4	23
239	Personalized medicine into health national services: barriers and potentialities. <i>Drug Metabolism and Personalized Therapy</i> , 2018, 33, 159-163.	0.3	14
240	Current landscape of personalized medicine adoption and implementation in Southeast Asia. <i>BMC Medical Genomics</i> , 2018, 11, 94.	0.7	28
241	A content analysis of the views of genetics professionals on race, ancestry, and genetics. <i>AJOB Empirical Bioethics</i> , 2018, 9, 222-234.	0.8	22
242	Genomic Interventions in Medicine. <i>Bioinformatics and Biology Insights</i> , 2018, 12, 117793221881610.	1.0	5
243	High-frequency actionable pathogenic exome variants in an average-risk cohort. <i>Journal of Physical Education and Sports Management</i> , 2018, 4, a003178.	0.5	23
244	ClinGen Variant Curation Expert Panel experiences and standardized processes for disease and geneâ€“level specification of the ACMG/AMP guidelines for sequence variant interpretation. <i>Human Mutation</i> , 2018, 39, 1614-1622.	1.1	132
245	Ethical Considerations Related to Return of Results from Genomic Medicine Projects: The eMERGE Network (Phase III) Experience. <i>Journal of Personalized Medicine</i> , 2018, 8, 2.	1.1	44
246	Qualitative user evaluation of a revised pharmacogenetic educational toolkit. <i>Pharmacogenomics and Personalized Medicine</i> , 2018, Volume 11, 139-146.	0.4	10
247	Harmonizing Outcomes for Genomic Medicine: Comparison of eMERGE Outcomes to ClinGen Outcome/Intervention Pairs. <i>Healthcare (Switzerland)</i> , 2018, 6, 83.	1.0	18

#	ARTICLE	IF	CITATIONS
248	Law and Economics of Personalized Medicine. <i>Gesundheitsmanagement Und GesundheitsÃ¶konomie</i> , 2018, , .	0.1	1
249	The Genomic Consultation Service: A clinical service designed to improve patient selection for genome-wide sequencing in British Columbia. <i>Molecular Genetics & Genomic Medicine</i> , 2018, 6, 592-600.	0.6	18
250	Genomics-informed weight management in primary care: anticipated public interest. <i>Personalized Medicine</i> , 2018, 15, 271-278.	0.8	1
251	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
252	From the Past to the Present: Insurer Coverage Frameworks for Next-Generation Tumor Sequencing. <i>Value in Health</i> , 2018, 21, 1062-1068.	0.1	19
253	Making medicines. <i>Industry and Higher Education</i> , 2018, 32, 302-311.	1.4	1
254	Views Of Primary Care Providers On Testing Patients For Genetic Risks For Common Chronic Diseases. <i>Health Affairs</i> , 2018, 37, 793-800.	2.5	56
255	Taking Genomics From the Bench to the Bedside in Developing Countries. , 2018, , 13-26.		3
256	Patient Care Situations Benefiting from Pharmacogenomic Testing. <i>Current Genetic Medicine Reports</i> , 2018, 6, 43-51.	1.9	1
257	Cytochrome P450 genotype-guided drug therapies: An update on current states. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2018, 45, 991-1001.	0.9	19
258	Paediatricians underuse recommended genetic tests in children with global developmental delay. <i>Paediatrics and Child Health</i> , 2018, 23, e156-e162.	0.3	5
259	Clinical Application of Genome and Exome Sequencing as a Diagnostic Tool for Pediatric Patients: a Scoping Review of the Literature. <i>Genetics in Medicine</i> , 2019, 21, 3-16.	1.1	96
260	Pharmacogenetic testing in the Veterans Health Administration (VHA): policy recommendations from the VHA Clinical Pharmacogenetics Subcommittee. <i>Genetics in Medicine</i> , 2019, 21, 382-390.	1.1	16
261	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
262	A Need for Better Understanding Is the Major Determinant for Public Perceptions of Human Gene Editing. <i>Human Gene Therapy</i> , 2019, 30, 36-43.	1.4	33
263	Internet Versus Virtual Reality Settings for Genomics Information Provision. <i>Cyberpsychology, Behavior, and Social Networking</i> , 2019, 22, 7-14.	2.1	3
264	Impact of <i>SLCO1B1</i> Pharmacogenetic Testing on Patient and Healthcare Outcomes: A Systematic Review. <i>Clinical Pharmacology and Therapeutics</i> , 2019, 106, 360-373.	2.3	19
265	Opportunities, resources, and techniques for implementing genomics in clinical care. <i>Lancet</i> , The, 2019, 394, 511-520.	6.3	53

#	ARTICLE	IF	CITATIONS
266	Building evidence and measuring clinical outcomes for genomic medicine. <i>Lancet, The</i> , 2019, 394, 604-610.	6.3	38
267	Comparing theory and non-theory based implementation approaches to improving referral practices in cancer genetics: a cluster randomised trial protocol. <i>Trials</i> , 2019, 20, 373.	0.7	10
268	Healthcare professionalsâ€™ attitudes toward cancer precision medicine: A systematic review. <i>Seminars in Oncology</i> , 2019, 46, 291-303.	0.8	17
269	Patientâ€™centered care and genomic medicine: A qualitative provider study in the military health system. <i>Journal of Genetic Counseling</i> , 2019, 28, 940-949.	0.9	6
270	ARBoR: an identity and security solution for clinical reporting. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019, 26, 1370-1374.	2.2	1
271	Pharmacogenomics-based practice in North Cyprus: its adoption by pharmacists and their attitudes and knowledge. <i>International Journal of Clinical Pharmacy</i> , 2019, 41, 1299-1306.	1.0	5
272	Pharmacogenomics education in medical and pharmacy schools: conclusions of a global survey. <i>Pharmacogenomics</i> , 2019, 20, 643-657.	0.6	65
273	Value of Collaboration among Multi-Domain Experts in Analysis of High-Throughput Genomics Data. <i>Cancer Research</i> , 2019, 79, 5140-5145.	0.4	7
274	Detecting Proxy User Based on Communication Behavior Portrait. <i>Computer Journal</i> , 2019, 62, 1777-1792.	1.5	6
275	Genome Diagnostics: Novel Strategies for Measuring Value. <i>Journal of Managed Care & Specialty Pharmacy</i> , 2019, 25, 1096-1101.	0.5	3
276	Pharmacogenomics Education and Clinical Practice Guidelines. , 2019, , 395-414.		2
277	Pharmacogenomic clinical decision support design and multi-site process outcomes analysis in the eMERGE Network. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019, 26, 143-148.	2.2	28
278	Incidental pharmacogenetics findings in an <sc>HLA</sc>-related research: Considerations for primary prevention. <i>Clinical and Experimental Allergy</i> , 2019, 49, 537-540.	1.4	3
279	Patient-provider communications about pharmacogenomic results increase patient recall of medication changes. <i>Pharmacogenomics Journal</i> , 2019, 19, 528-537.	0.9	12
280	Translational Bioinformatics: Informatics, Medicine, and -Omics. , 2019, , 507-514.		0
281	Genomic Testing for Human Health and Disease Across the Life Cycle: Applications and Ethical, Legal, and Social Challenges. <i>Frontiers in Public Health</i> , 2019, 7, 40.	1.3	37
282	Engaging and Empowering Stakeholders to Advance Pharmacogenomics. <i>Clinical Pharmacology and Therapeutics</i> , 2019, 106, 305-308.	2.3	5
283	The Potential Role for Host Genetic Profiling in Screening for Chlamydia-Associated Tubal Factor Infertility (TFI)â€™New Perspectives. <i>Genes</i> , 2019, 10, 410.	1.0	5

#	ARTICLE	IF	CITATIONS
284	Delivering genomic medicine in the United Kingdom National Health Service: a systematic review and narrative synthesis. <i>Genetics in Medicine</i> , 2019, 21, 2667-2675.	1.1	17
285	Healthcare System Priorities for Successful Integration of Genomics: An Australian Focus. <i>Frontiers in Public Health</i> , 2019, 7, 41.	1.3	18
286	Genetic Counseling and Genomic Sequencing. , 2019, , 125-142.		0
287	Assessing optimism and pessimism about genomic medicine: Development of a genomic orientation scale. <i>Clinical Genetics</i> , 2019, 95, 704-712.	1.0	7
288	Much ado about nothing: A qualitative study of the experiences of an average-risk population receiving results of exome sequencing. <i>Journal of Genetic Counseling</i> , 2019, 28, 428-437.	0.9	15
289	Leveraging Implementation Science to Address Health Disparities in Genomic Medicine: Examples from the Field. <i>Ethnicity and Disease</i> , 2019, 29, 187-192.	1.0	43
290	Psychosocial, attitudinal, and demographic correlates of cancer-related germline genetic testing in the 2017 Health Information National Trends Survey. <i>Journal of Community Genetics</i> , 2019, 10, 453-459.	0.5	8
291	A Global Collaborative to Advance Genomic Medicine. <i>American Journal of Human Genetics</i> , 2019, 104, 407-409.	2.6	14
292	Noncommunicable Diseases and Sustainable Development. <i>Historiographies of Science</i> , 2019, , 1-9.	0.2	0
293	GenoPri'17: International Workshop on Genome Privacy and Security. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2019, 16, 1322-1323.	1.9	0
294	How Should Decision Aids Be Used During Counseling to Help Patients Who Are "Genetically at Risk"? <i>AMA Journal of Ethics</i> , 2019, 21, E865-872.	0.4	2
295	Preparing Medical Specialists to Practice Genomic Medicine: Education an Essential Part of a Broader Strategy. <i>Frontiers in Genetics</i> , 2019, 10, 789.	1.1	50
296	Evidence and Expertise in Genetic Nomenclatures. <i>Journal of Linguistic Anthropology</i> , 2019, 29, 314-331.	0.6	0
297	Assessment of provider-perceived barriers to clinical use of pharmacogenomics during participation in an institutional implementation study. <i>Pharmacogenetics and Genomics</i> , 2019, 29, 31-38.	0.7	24
298	Informing Integration of Genomic Medicine Into Primary Care: An Assessment of Current Practice, Attitudes, and Desired Resources. <i>Frontiers in Genetics</i> , 2019, 10, 1189.	1.1	48
299	Secondary findings from whole-exome/genome sequencing evaluating stakeholder perspectives. A review of the literature. <i>European Journal of Medical Genetics</i> , 2019, 62, 103529.	0.7	33
300	Ethical Issues in Clinical Genetics and Genomics. , 2019, , 135-146.		0
301	Characteristics and evaluation outcomes of genomics curricula for health professional students: a systematic literature review. <i>Genetics in Medicine</i> , 2019, 21, 1675-1682.	1.1	13

#	ARTICLE	IF	CITATIONS
302	Integrating Genomics into Healthcare: A Global Responsibility. American Journal of Human Genetics, 2019, 104, 13-20.	2.6	264
303	Qualitative study of system-level factors related to genomic implementation. Genetics in Medicine, 2019, 21, 1534-1540.	1.1	26
304	A logic model for precision medicine implementation informed by stakeholder views and implementation science. Genetics in Medicine, 2019, 21, 1139-1154.	1.1	23
305	Stakeholders'™ views on the value of outcomes from clinical genetic and genomic interventions. Genetics in Medicine, 2019, 21, 1371-1380.	1.1	9
306	Implementation of Genomic Medicine. , 2019, , 369-380.		0
307	Analysis of 51 proposed hypertrophic cardiomyopathy genes from genome sequencing data in sarcomere negative cases has negligible diagnostic yield. Genetics in Medicine, 2019, 21, 1576-1584.	1.1	44
308	Interpretations of the Term "Actionable" when Discussing Genetic Test Results: What you Mean Is Not What I Heard. Journal of Genetic Counseling, 2019, 28, 334-342.	0.9	14
309	The current state of funded NIH grants in implementation science in genomic medicine: a portfolio analysis. Genetics in Medicine, 2019, 21, 1218-1223.	1.1	17
310	Race, Trust in Doctors, Privacy Concerns, and Consent Preferences for Biobanks. Health Communication, 2020, 35, 1219-1228.	1.8	11
312	The development of the Clinician-reported Genetic testing Utility InDEx (C-GUIDE): a novel strategy for measuring the clinical utility of genetic testing. Genetics in Medicine, 2020, 22, 95-101.	1.1	20
313	Demand for Precision Medicine: A Discrete-Choice Experiment and External Validation Study. Pharmacoeconomics, 2020, 38, 57-68.	1.7	22
314	Pharmacogenomic genotypes define genetic ancestry in patients and enable population-specific genomic implementation. Pharmacogenomics Journal, 2020, 20, 126-135.	0.9	14
315	Genetic variability of serotonin pathway associated with schizophrenia onset, progression, and treatment. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2020, 183, 113-127.	1.1	10
316	Applied Genomics and Public Health. , 2020, , 1-7.		0
317	Knowledge Translation in Oncology. American Journal of Clinical Pathology, 2020, 153, 5-13.	0.4	7
318	Integrated genomic and molecular medicine. , 2020, , 535-543.		1
319	Pragmatic Trials in Genomic Medicine: The Integrating Pharmacogenetics In Clinical Care (I&P&ICC) Study. Clinical and Translational Science, 2020, 13, 381-390.	1.5	14
320	Roadmap for Establishing Large-Scale Genomic Medicine Initiatives in Low- and Middle-Income Countries. American Journal of Human Genetics, 2020, 107, 589-595.	2.6	11

#	ARTICLE	IF	CITATIONS
321	An empirical study investigating the user acceptance of a virtual conversational agent interface for family health history collection among the geriatric population. <i>Health Informatics Journal</i> , 2020, 26, 2946-2966.	1.1	9
322	Genetic services diffusion in the precision medicine ecosystem. <i>International Journal of Pharmaceutical and Healthcare Marketing</i> , 2020, 14, 533-560.	0.7	1
323	<p>Development of Customizable Implementation Guides to Support Clinical Adoption of Pharmacogenomics: Experiences of the Implementing GeNomics In pracTicE (IGNITE) Network</p>. <i>Pharmacogenomics and Personalized Medicine</i> , 2020, Volume 13, 217-226.	0.4	14
324	Patterns of Cystatin C Uptake and Use Across and Within Hospitals. <i>Mayo Clinic Proceedings</i> , 2020, 95, 1649-1659.	1.4	10
325	Development of an implementation and evaluation strategy for the Australian â€Zero Childhood Cancerâ€™™ (Zero) Program: a study protocol. <i>BMJ Open</i> , 2020, 10, e034522.	0.8	15
326	Ethical challenges of precision cancer medicine. <i>Seminars in Cancer Biology</i> , 2022, 84, 263-270.	4.3	8
327	Genetic testing offer for inherited neuromuscular diseases within the EURO-NMD reference network: A European survey study. <i>PLoS ONE</i> , 2020, 15, e0239329.	1.1	6
328	Ecosystems monitoring powered by environmental genomics: A review of current strategies with an implementation roadmap. <i>Molecular Ecology</i> , 2021, 30, 2937-2958.	2.0	149
329	Differences in MDR1 (C3435T), CYP2D6, and CYP1A2 Genotype Frequencies between Patients with Treatment Failure to Antipsychotics and Healthy Russian Population. <i>Current Pharmacogenomics and Personalized Medicine</i> , 2020, 17, 55-63.	0.2	0
330	Returning Results in the Genomic Era: Initial Experiences of the eMERGE Network. <i>Journal of Personalized Medicine</i> , 2020, 10, 30.	1.1	39
331	How can Australia integrate routine genetic sequencing in oncology: a qualitative study through an implementation science lens. <i>Genetics in Medicine</i> , 2020, 22, 1507-1516.	1.1	9
332	The implementation of pharmacogenomics into UK general practice: a qualitative study exploring barriers, challenges and opportunities. <i>Journal of Community Genetics</i> , 2020, 11, 269-277.	0.5	28
333	From Genetics to Genomics: Facing the Liability Implications in Clinical Care. <i>Journal of Law, Medicine and Ethics</i> , 2020, 48, 11-43.	0.4	37
334	Cystatin C: A Primer for Pharmacists. <i>Pharmacy (Basel, Switzerland)</i> , 2020, 8, 35.	0.6	32
335	Health Economics Tools and Precision Medicine: Opportunities and Challenges. <i>Forum for Health Economics and Policy</i> , 2020, 23, .	0.2	8
336	A Centralized Approach for Practicing Genomic Medicine. <i>Pediatrics</i> , 2020, 145, e20190855.	1.0	2
337	Preparing Medical Specialists for Genomic Medicine: Continuing Education Should Include Opportunities for Experiential Learning. <i>Frontiers in Genetics</i> , 2020, 11, 151.	1.1	45
338	Library preparation for next generation sequencing: A review of automation strategies. <i>Biotechnology Advances</i> , 2020, 41, 107537.	6.0	88

#	ARTICLE	IF	CITATIONS
339	A Maturity Matrix for Nurse Leaders to Facilitate and Benchmark Progress in Genomic Healthcare Policy, Infrastructure, Education, and Delivery. <i>Journal of Nursing Scholarship</i> , 2020, 52, 583-592.	1.1	14
340	Workflow for the Implementation of Precision Genomics in Healthcare. <i>Frontiers in Genetics</i> , 2020, 11, 619.	1.1	3
341	Pharmacogenomics and Pharmacogenetics in Osteosarcoma: Translational Studies and Clinical Impact. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4659.	1.8	12
342	The personal utility and uptake of genomic sequencing in pediatric and adult conditions: eliciting societal preferences with three discrete choice experiments. <i>Genetics in Medicine</i> , 2020, 22, 1311-1319.	1.1	31
343	Pharmacogenomics of Pain Management: The Impact of Specific Biological Polymorphisms on Drugs and Metabolism. <i>Current Oncology Reports</i> , 2020, 22, 18.	1.8	17
344	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
345	Clinical genomic testing: what matters to key stakeholders?. <i>European Journal of Human Genetics</i> , 2020, 28, 866-873.	1.4	19
346	A Roadmap for Global Acceleration of Genomics Integration Across Nursing. <i>Journal of Nursing Scholarship</i> , 2020, 52, 329-338.	1.1	24
347	Genetic testing costs and compliance with clinical best practices. <i>Journal of Genetic Counseling</i> , 2020, 29, 1186-1191.	0.9	15
348	Next-Generation Sequencing in Cancer. <i>Journal of Maxillofacial and Oral Surgery</i> , 2021, 20, 340-344.	0.6	4
349	Preconception genome medicine: current state and future perspectives to improve infertility diagnosis and reproductive and health outcomes based on individual genomic data. <i>Human Reproduction Update</i> , 2021, 27, 254-279.	5.2	43
350	Blueprint for cancer research: Critical gaps and opportunities. <i>Ca-A Cancer Journal for Clinicians</i> , 2021, 71, 107-139.	157.7	47
351	“œt”s something I”ve committed to longer term” The impact of an immersion program for physicians on adoption of genomic medicine. <i>Patient Education and Counseling</i> , 2021, 104, 480-488.	1.0	3
352	Public engagement with genomic medicine: a summary of town hall discussions. <i>Journal of Community Genetics</i> , 2021, 12, 27-35.	0.5	4
353	The NHGRI Short Course in Genomics: energizing genetics and genomics education in classrooms through direct engagement between educators and scientists. <i>Genetics in Medicine</i> , 2021, 23, 222-229.	1.1	3
354	Ethical, Legal, and Social Issues (ELSI) in Clinical Genetics Research. <i>Methods in Molecular Biology</i> , 2021, 2249, 65-82.	0.4	4
355	The Interface of Therapeutics and Genomics in Cardiovascular Medicine. <i>Cardiovascular Drugs and Therapy</i> , 2021, 35, 663-676.	1.3	8
357	Pharmacogenomics and prescription opioid use. <i>Pharmacogenomics</i> , 2021, 22, 235-245.	0.6	5

#	ARTICLE	IF	CITATIONS
358	Utility of Genetic Testing from the Perspective of Parents/Caregivers: A Scoping Review. <i>Children</i> , 2021, 8, 259.	0.6	23
359	One for All, All for One? Containing the Promise of Solidarity in Precision Medicine. <i>Critical Public Health</i> , 2022, 32, 568-579.	1.4	4
360	Population genetic considerations for using biobanks as international resources in the pandemic era and beyond. <i>BMC Genomics</i> , 2021, 22, 351.	1.2	11
361	Modernizing family health history: achievable strategies to reduce implementation gaps. <i>Journal of Community Genetics</i> , 2021, 12, 493-496.	0.5	7
362	Genomic considerations for FHIR®; eMERGE implementation lessons. <i>Journal of Biomedical Informatics</i> , 2021, 118, 103795.	2.5	15
363	Evaluating the clinical utility of early exome sequencing in diverse pediatric outpatient populations in the North Carolina Clinical Genomic Evaluation of Next-generation Exome Sequencing (NCGENES) 2 study: a randomized controlled trial. <i>Trials</i> , 2021, 22, 395.	0.7	5
364	Recent scientific/intellectual movements in biomedicine. <i>Social Science and Medicine</i> , 2021, 278, 113950.	1.8	7
365	An Integrated Approach to Deploy Panel-Based Pharmacogenetic Testing and Clinical Decision Support. <i>Journal of Applied Laboratory Medicine</i> , The, 2021, 6, 1094-1096.	0.6	0
366	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
367	Organizational perspectives on implementing complex health interventions: clinical genomics in Australia. <i>Journal of Health Organization and Management</i> , 2021, 35, 825-845.	0.6	5
368	Neptune: an environment for the delivery of genomic medicine. <i>Genetics in Medicine</i> , 2021, 23, 1838-1846.	1.1	3
369	Return of research results (RoRR) to the healthy CHRIS cohort: designing a policy with the participants. <i>Journal of Community Genetics</i> , 2021, 12, 577-592.	0.5	6
370	Delivery of Pharmacogenetic Testing with or without Medication Therapy Management in a Community Pharmacy Setting. <i>Pharmacogenomics and Personalized Medicine</i> , 2021, Volume 14, 785-796.	0.4	0
371	Milestones of Precision Medicine: An Innovative, Multidisciplinary Overview. <i>Molecular Diagnosis and Therapy</i> , 2021, 25, 563-576.	1.6	5
372	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
373	Clinical Multigene Testing for Prostate Cancer. <i>Urologic Clinics of North America</i> , 2021, 48, 297-309.	0.8	2
374	Anticipating the primary care role in genomic medicine: expectations of genetics health professionals. <i>Journal of Community Genetics</i> , 2021, 12, 559-568.	0.5	4
375	The use of molecular biomarker tests: an interview study with healthcare providers about a molecular biomarker test for prostate cancer. <i>Personalized Medicine</i> , 2021, 18, 471-482.	0.8	1

#	ARTICLE	IF	CITATIONS
376	ASHP Statement on the Pharmacist's Role in Clinical Pharmacogenomics. American Journal of Health-System Pharmacy, 2022, 79, 704-707.	0.5	37
377	Experiences of Latino Participants Receiving Neutral Genomic Screening Results: A Qualitative Study. Public Health Genomics, 2021, 24, 44-53.	0.6	3
378	Prediction and classification of diabetes mellitus using genomic data. , 2021, , 235-292.		6
379	Genetic Variation and RNA Binding Proteins: Tools and Techniques to Detect Functional Polymorphisms. Advances in Experimental Medicine and Biology, 2014, 825, 227-266.	0.8	22
380	Roadmap to Drug Development Enabled by Pharmacogenetics. Advances in Predictive, Preventive and Personalised Medicine, 2015, , 43-67.	0.6	1
381	Medical genomics: Gather and use genetic data in health care. Nature, 2014, 508, 451-453.	13.7	47
382	The Future of Patient Engagement in the Governance of Shared Data. EGEMS (Washington, DC), 2017, 4, 6.	2.0	9
383	Genomic sequencing in clinical practice: applications, challenges, and opportunities. Dialogues in Clinical Neuroscience, 2016, 18, 299-312.	1.8	59
384	Next-Generation Sequencing Approaches in Cancer: Where Have They Brought Us and Where Will They Take Us?. Cancers, 2015, 7, 1925-1958.	1.7	51
385	Genomic medicine in gastroenterology: A new approach or a new specialty?. World Journal of Gastroenterology, 2015, 21, 8227.	1.4	22
386	The Genomic and Precision Medicine in Clinical Practice. The Physician, 2020, 6, 1-10.	0.2	1
387	Building an innovative model for personalized healthcare. Cleveland Clinic Journal of Medicine, 2012, 79, S1-S9.	0.6	15
388	Practical considerations in genomic decision support: The eMERGE experience. Journal of Pathology Informatics, 2015, 6, 50.	0.8	42
389	Generation and Implementation of a Patient-Centered and Patient-Facing Genomic Test Report in the EHR. EGEMS (Washington, DC), 2018, 6, 14.	2.0	14
390	Perceptions of Personalized Medicine in an Academic Health System: Educational Findings. Journal of Contemporary Medical Education, 2015, 3, 14.	0.2	15
391	“Getting off the Bus Closer to Your Destination”: Patients' Views about Pharmacogenetic Testing. , 2015, 19, 21-27.		18
392	Lessons learned from unsolicited findings in clinical exome sequencing of 16,482 individuals. European Journal of Human Genetics, 2022, 30, 170-177.	1.4	15
393	Current Tools, Databases, and Resources for Phenotype and Variant Analysis of Clinical Exome Sequencing. Advances in Molecular Pathology, 2021, 4, 1-15.	0.2	0

#	ARTICLE	IF	CITATIONS
394	Ethical Issues in Clinical Genetics and Genomics. , 2015, , 141-155.		0
395	Impact of Genomics and Personalised Medicine on Current Practice of Clinical Cardiology. Journal of Cardiology & Current Research, 2014, 1, .	0.1	0
396	Bringing Next-Generation Sequencing Oncology Tests into the Diagnostic Setting. Journal of Next Generation Sequencing & Applications, 2015, 01, .	0.3	0
397	Pharmacogenetics of Adverse Drug Reactions. Advances in Predictive, Preventive and Personalised Medicine, 2015, , 109-156.	0.6	0
398	Severe Combined Immune Deficiency. , 2016, , 1-13.		0
401	Genomics of Cardiac Arrhythmias. Cardiovascular Medicine, 2017, , 27-36.	0.0	0
404	Understanding Adaptations: The Importance of Contextualized History in Biological Anthropology. Student Anthropologist, 2019, 6, 66-68.	0.0	0
406	Noncommunicable Diseases and Sustainable Development. Encyclopedia of the UN Sustainable Development Goals, 2020, , 518-526.	0.0	0
407	Fundamentals of Drug Metabolism and Pharmacogenomics Within a Learning Healthcare System Workflow Perspective. Computers in Health Care, 2020, , 59-80.	0.2	0
409	Education for the Practice of Precision Medicine in PCCSM: Creating Tomorrow's Workforce. Respiratory Medicine, 2020, , 409-416.	0.1	0
410	Pharmacogenomics and pharmacoepigenomics: Impact on therapeutic strategies. , 2020, , 413-446.		0
411	The mediating effects of public genomic knowledge in precision medicine implementation: A structural equation model approach. PLoS ONE, 2020, 15, e0240585.	1.1	3
412	Seeking Genomic Knowledge: The Case for Clinical Restraint. Hastings Law Journal, 2013, 64, 1650-1664.	1.7	16
413	PATH-SCAN: a reporting tool for identifying clinically actionable variants. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2014, , 229-40.	0.7	10
416	Toward Best Practice in Using Molecular Diagnosis to Guide Medical Management, Are We There Yet?. North American Journal of Medicine & Science, 2014, 7, 199-200.	3.8	5
417	Primary care providers' experiences with and perceptions of personalized genomic medicine. Canadian Family Physician, 2016, 62, e626-e635.	0.1	65
418	Improved provider preparedness through an 8-part genetics and genomic education program. Genetics in Medicine, 2022, 24, 214-224.	1.1	18
419	A systematic review of geographical inequities for accessing clinical genomic and genetic services for non-cancer related rare disease. European Journal of Human Genetics, 2022, 30, 645-652.	1.4	13

#	ARTICLE	IF	CITATIONS
420	Evaluation of a longitudinal pharmacogenomics education on pharmacist knowledge in a multicampus healthcare system. <i>Pharmacogenomics</i> , 2022, 23, 173-182.	0.6	4
421	Informed consent practices for exome sequencing: An interview study with clinical geneticists in the Netherlands. <i>Molecular Genetics & Genomic Medicine</i> , 2022, 10, e1882.	0.6	7
422	Artificial intelligence and machine learning in precision medicine: A paradigm shift in big data analysis. <i>Progress in Molecular Biology and Translational Science</i> , 2022, , 57-100.	0.9	15
423	Impact of returning unsolicited genomic results to nongenetic health care providers in the eMERGE III Network. <i>Genetics in Medicine</i> , 2022, 24, 1297-1305.	1.1	3
424	Representations of personalised medicine in family medicine: a qualitative analysis. , 2022, 23, 37.		2
425	Structured approaches to implementation of clinical genomics: A scoping review. <i>Genetics in Medicine</i> , 2022, , .	1.1	6
429	Pharmacogenomics Implementation and Hurdles to Overcome; In the Context of a Developing Country.. <i>Iranian Journal of Pharmaceutical Research</i> , 2021, 20, 92-106.	0.3	1
430	From saliva to SNP: non-invasive, point-of-care genotyping for precision medicine applications using recombinase polymerase amplification and giant magnetoresistive nanosensors. <i>Lab on A Chip</i> , 2022, 22, 2131-2144.	3.1	13
431	An Idealized Clinicogenomic Registry to Engage Underrepresented Populations Using Innovative Technology. <i>Journal of Personalized Medicine</i> , 2022, 12, 713.	1.1	12
432	Psychiatric manifestations of rare variation in medically actionable genes: a PheWAS approach. <i>BMC Genomics</i> , 2022, 23, 385.	1.2	1
433	Human Leukocyte Antigen (HLA) System: Genetics and Association with Bacterial and Viral Infections. <i>Journal of Immunology Research</i> , 2022, 2022, 1-15.	0.9	21
434	Re-Imagining the Data Collection and Analysis Research Process by Proposing a Rapid Qualitative Data Collection and Analytic Roadmap Applied to the Dynamic Context of Precision Medicine. <i>International Journal of Qualitative Methods</i> , The, 2022, 21, 160940692211030.	1.3	6
435	Preanalytical <scp>DNA</scp> assessment for downstream applications: How to optimize the management of human biospecimens to support molecular diagnosis“An experimental study. <i>Journal of Clinical Laboratory Analysis</i> , 2022, 36, .	0.9	3
436	Pharmacogenomics decision support in the U-PGx project: Results and advice from clinical implementation across seven European countries. <i>PLoS ONE</i> , 2022, 17, e0268534.	1.1	20
437	Nadir HastalÄ±klarda WES Analizi ile Saptanan Genetik Varyantlar. <i>OsmangazÄ° Journal of Medicine</i> , 0, , .	0.1	0
438	Use of eConsult to enhance genetics service delivery in primary care: A multimethod study. <i>Genetics in Medicine</i> , 2022, 24, 2034-2041.	1.1	3
439	FHH Quick App Review: How Can a Quality Review Process Assist Primary Care Providers in Choosing a Family Health History App for Patient Care?. <i>Genes</i> , 2022, 13, 1407.	1.0	0
440	The Voices of Stakeholders Involved in Precision Medicine: The Co-Design and Evaluation of Qualitative Indicators of Intervention Acceptability, Fidelity and Context in PRecision Medicine for Children With Cancer in Australia. <i>Qualitative Health Research</i> , 2022, 32, 1865-1880.	1.0	3

#	ARTICLE	IF	CITATIONS
441	Detecting the research structure and topic trends of social media using static and dynamic probabilistic topic models. <i>Aslib Journal of Information Management</i> , 2023, 75, 215-245.	1.3	1
444	Role of nutrigenomics in diabetes care and prevention. , 2023, , 115-133.		0
445	Development of Competency-based Online Genomic Medicine Training (COGENT). <i>Personalized Medicine</i> , 0, , .	0.8	0
446	Clinical and psychological implications of secondary and incidental findings in cancer susceptibility genes after exome sequencing in patients with rare disorders. <i>Journal of Medical Genetics</i> , 2023, 60, 685-691.	1.5	4
448	Personal Genomes in Practice: Exploring Citizen and Healthcare Professionalsâ€™ Perspectives on Personalized Genomic Medicine and Personal Health Data Spaces Using a Mixed-Methods Design. <i>Genes</i> , 2023, 14, 786.	1.0	1
449	Education and Competency Rich in Genomics and Ethics Is a Necessity for Healthcare Professionals in the Era of PM. <i>Advancing Global Bioethics</i> , 2023, , 189-214.	0.8	1
450	Social and Ethical Implications of Integrating Precision Medicine into Healthcare. <i>Advancing Global Bioethics</i> , 2023, , 125-156.	0.8	1
458	Chimeric cohorts and consortia can power and scale precision medicine. , 2024, , 264-282.		0
459	A primer to implementation science and potential applications to precision medicine. , 2024, , 300-309.		0
460	Translating genomic advances into biodiversity conservation. <i>Nature Reviews Genetics</i> , 0, , .	7.7	0
463	Designing Software for Genomics Medicine Service Leaders to Engage Stakeholders. , 2023, , .		0
465	Pharmacogenomics and Big Data. , 2023, , 313-324.		0
467	Medical Informatics: A Systematic review on Health and Medical Information Systems. , 2023, , .		0