Riccardo Bellazzi

List of Publications by Year
in descending order

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341 papers	10,076 citations	44069 48 h-index	54911 84 g-index
374 all docs	374 docs citations	374 times ranked	14597 citing authors

#	Article	IF	Citations
1	Using Case-Based Reasoning in a Learning System: A Prototype of a Pedagogical Nurse Tool for Evidence-Based Diabetic Foot Ulcer Care. Journal of Diabetes Science and Technology, 2022, 16, 454-459.	2.2	4
2	Evaluating pointwise reliability of machine learning prediction. Journal of Biomedical Informatics, 2022, 127, 103996.	4.3	24
3	A machine learning approach based on ACMG/AMP guidelines for genomic variant classification and prioritization. Scientific Reports, 2022, 12, 2517.	3.3	26
4	Tumorâ€associated macrophages and risk of recurrence in stage <scp>III</scp> colorectal cancer. Journal of Pathology: Clinical Research, 2022, 8, 307-312.	3.0	5
5	Impact of COVID-19 lockdown on PM concentrations in an Italian Northern City: A year-by-year assessment. PLoS ONE, 2022, 17, e0263265.	2.5	6
6	Diabetes Technology Meeting 2021. Journal of Diabetes Science and Technology, 2022, , 193229682210902.	2.2	2
7	A Process Mining Pipeline to Characterize COVID-19 Patients' Trajectories and Identify Relevant Temporal Phenotypes From EHR Data. Frontiers in Public Health, 2022, 10, .	2.7	4
8	Dynamic Prediction of Non-Neutral SARS-Cov-2 Variants Using Incremental Machine Learning. Studies in Health Technology and Informatics, 2022, , .	0.3	1
9	International comparisons of laboratory values from the 4CE collaborative to predict COVID-19 mortality. Npj Digital Medicine, 2022, 5, .	10.9	7
10	Changes in laboratory value improvement and mortality rates over the course of the pandemic: an international retrospective cohort study of hospitalised patients infected with SARS-CoV-2. BMJ Open, 2022, 12, e057725.	1.9	4
11	International electronic health record-derived post-acute sequelae profiles of COVID-19 patients. Npj Digital Medicine, 2022, 5, .	10.9	17
12	Linc00941 Is a Novel Transforming Growth Factor Î² Target That Primes Papillary Thyroid Cancer Metastatic Behavior by Regulating the Expression of Cadherin 6. Thyroid, 2021, 31, 247-263.	4.5	31
13	Health informatics and EHR to support clinical research in the COVID-19 pandemic: an overview. Briefings in Bioinformatics, 2021, 22, 812-822.	6.5	67
14	Evolving determinants of carotid atherosclerosis vulnerability in asymptomatic patients from the MAGNETIC observational study. Scientific Reports, 2021, 11, 2327.	3.3	4
15	What Every Reader Should Know About Studies Using Electronic Health Record Data but May Be Afraid to Ask. Journal of Medical Internet Research, 2021, 23, e22219.	4.3	61
16	Cytoplasmic movements of the early human embryo: imaging and artificial intelligence to predict blastocyst development. Reproductive BioMedicine Online, 2021, 42, 521-528.	2.4	21
17	An integrative functional genomics approach reveals EGLN1 as a novel therapeutic target in KRAS mutated lung adenocarcinoma. Molecular Cancer, 2021, 20, 63.	19.2	8
18	Exploring the inter-subject variability in the relationship between glucose monitoring metrics and glycated hemoglobin for pediatric patients with type 1 diabetes. Journal of Pediatric Endocrinology and Metabolism, 2021, 34, 619-625.	0.9	4

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19	Validation of an internationally derived patient severity phenotype to support COVID-19 analytics from electronic health record data. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 1411-1420.	4.4	37
20	International Changes in COVID-19 Clinical Trajectories Across 315 Hospitals and 6 Countries: Retrospective Cohort Study. Journal of Medical Internet Research, 2021, 23, e31400.	4.3	19
21	International Analysis of Electronic Health Records of Children and Youth Hospitalized With COVID-19 Infection in 6 Countries. JAMA Network Open, 2021, 4, e2112596.	5.9	33
22	CSNK1A1, KDM2A, and LTB4R2 Are New Druggable Vulnerabilities in Lung Cancer. Cancers, 2021, 13, 3477.	3.7	4
23	Pulmonary rehabilitation in patients with interstitial lung diseases: Correlates of success. Respiratory Medicine, 2021, 185, 106473.	2.9	7
24	Identification of a SCN5A founder mutation causing sudden death, Brugada syndrome, and conduction blocks in Southern Italy. Heart Rhythm, 2021, 18, 1698-1706.	0.7	2
25	The DNA-helicase HELLS drives ALKâ˜ ALCL proliferation by the transcriptional control of a cytokinesis-related program. Cell Death and Disease, 2021, 12, 130.	6.3	10
26	Continuous Glucose and Heart Rate Monitoring in Young People with Type 1 Diabetes: An Exploratory Study about Perspectives in Nocturnal Hypoglycemia Detection. Metabolites, 2021, 11, 5.	2.9	1
27	Multinational characterization of neurological phenotypes in patients hospitalized with COVID-19. Scientific Reports, 2021, 11, 20238.	3.3	10
28	Genome-Wide Association Study of Peripheral Artery Disease. Circulation Genomic and Precision Medicine, 2021, 14, e002862.	3.6	24
29	Autologous micrograft accelerates endogenous wound healing response through ERK-induced cell migration. Cell Death and Differentiation, 2020, 27, 1520-1538.	11.2	29
30	Integrating machine learning techniques and physiology based heart rate features for antepartum fetal monitoring. Computer Methods and Programs in Biomedicine, 2020, 185, 105015.	4.7	50
31	Patient-Generated Health Data Integration and Advanced Analytics for Diabetes Management: The AID-GM Platform. Sensors, 2020, 20, 128.	3.8	13
32	SCOR: A secure international informatics infrastructure to investigate COVID-19. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 1721-1726.	4.4	31
33	Using topological data analysis and pseudo time series to infer temporal phenotypes from electronic health records. Artificial Intelligence in Medicine, 2020, 108, 101930.	6.5	16
34	International electronic health record-derived COVID-19 clinical course profiles: the 4CE consortium. Npj Digital Medicine, 2020, 3, 109.	10.9	128
35	A Bayesian data fusion based approach for learning genome-wide transcriptional regulatory networks. BMC Bioinformatics, 2020, 21, 219.	2.6	3
36	A survey on single and multi omics data mining methods in cancer data classification. Journal of Biomedical Informatics, 2020, 107, 103466.	4.3	30

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37	Integrated Multi-Omics Analyses in Oncology: A Review of Machine Learning Methods and Tools. Frontiers in Oncology, 2020, 10, 1030.	2.8	134
38	A continuous-time Markov model approach for modeling myelodysplastic syndromes progression from cross-sectional data. Journal of Biomedical Informatics, 2020, 104, 103398.	4.3	5
39	Dataset on linear and non-linear indices for discriminating healthy and IUGR fetuses. Data in Brief, 2020, 29, 105164.	1.0	6
40	The Search for Molecular Markers in a Gene-Orphan Case Study of a Pediatric Spinal Cord Pilocytic Astrocytoma. Cancer Genomics and Proteomics, 2020, 17, 117-130.	2.0	6
41	Deep Learning to Unveil Correlations between Urban Landscape and Population Health. Sensors, 2020, 20, 2105.	3.8	6
42	Comparative Study of Salivary, Duodenal, and Fecal Microbiota Composition Across Adult Celiac Disease. Journal of Clinical Medicine, 2020, 9, 1109.	2.4	25
43	Mining post-surgical care processes in breast cancer patients. Artificial Intelligence in Medicine, 2020, 105, 101855.	6.5	16
44	Progress in Characterizing the Human Exposome: a Key Step for Precision Medicine. Yearbook of Medical Informatics, 2020, 29, 115-120.	1.0	9
45	Deep Learning Applied to Blood Glucose Prediction from Flash Glucose Monitoring and Fitbit Data. Lecture Notes in Computer Science, 2020, , 59-63.	1.3	3
46	The PULSE Project: A Case of Use of Big Data Uses Toward a Cohomprensive Health Vision of City Well Being. Lecture Notes in Computer Science, 2020, , 423-431.	1.3	3
47	A Reliable Machine Learning Approach applied to Single-Cell Classification in Acute Myeloid Leukemia. AMIA ... Annual Symposium proceedings, 2020, 2020, 925-932.	0.2	0
48	Chromatin organization and timing of polar body I extrusion identify developmentally competent mouse oocytes. International Journal of Developmental Biology, 2019, 63, 245-251.	0.6	9
49	Democratized image analytics by visual programming through integration of deep models and small-scale machine learning. Nature Communications, 2019, 10, 4551.	12.8	44
50	Artificial neural-network analysis combined with time-lapse imaging predicts embryo ability to develop to the blastocyst stage. Fertility and Sterility, 2019, 112, e273-e274.	1.0	0
51	Latent Class Multi-Label Classification to Identify Subclasses of Disease for Improved Prediction. , 2019, , .		0
52	What do healthcare professionals need to turn risk models for type 2 diabetes into usable computerized clinical decision support systems? Lessons learned from the MOSAIC project. BMC Medical Informatics and Decision Making, 2019, 19, 163.	3.0	11
53	Spatial Enablement to Support Environmental, Demographic, Socioeconomics, and Health Data Integration and Analysis for Big Cities: A Case Study With Asthma Hospitalizations in New York City. Frontiers in Medicine, 2019, 6, 84.	2.6	11
54	A Rule-Based Expert System for Automatic Implementation of Somatic Variant Clinical Interpretation Guidelines. Lecture Notes in Computer Science, 2019, , 114-119.	1.3	1

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55	A Semi-supervised Learning Approach for Pan-Cancer Somatic Genomic Variant Classification. Lecture Notes in Computer Science, 2019, , 42-46.	1.3	3
56	CBS-miRSeq: A comprehensive tool for accurate and extensive analyses of microRNA-sequencing data. Computers in Biology and Medicine, 2019, 110, 234-243.	7.0	7
57	Supervised methods to extract clinical events from cardiology reports in Italian. Journal of Biomedical Informatics, 2019, 95, 103219.	4.3	12
58	Efficacy and Limitations of Quinidine in Patients With Brugada Syndrome. Circulation: Arrhythmia and Electrophysiology, 2019, 12, .	4.8	14
59	Taste receptors, innate immunity and longevity: the case of TAS2R16 gene. Immunity and Ageing, 2019, 16, 5.	4.2	12
60	MTGO-SC, A Tool to Explore Gene Modules in Single-Cell RNA Sequencing Data. Frontiers in Genetics, 2019, 10, 953.	2.3	3
61	Clustering Cardiovascular Risk Trajectories of Patients with Type 2 Diabetes Using Process Mining. , 2019, 2019, 341-344.		8
62	Agent-Based Models and Spatial Enablement: A Simulation Tool to Improve Health and Wellbeing in Big Cities. Lecture Notes in Computer Science, 2019, , 79-83.	1.3	1
63	Transfer Learning for Urban Landscape Clustering and Correlation with Health Indexes. Lecture Notes in Computer Science, 2019, , 143-153.	1.3	0
64	An Extension of the i2b2 Data Warehouse to Support REDCap Dynamic Data Pull. Studies in Health Technology and Informatics, 2019, 258, 21-25.	0.3	1
65	Ontology-Driven Real World Evidence Extraction from Clinical Narratives. Studies in Health Technology and Informatics, 2019, 264, 1441-1442.	0.3	0
66	Trusting telemedicine: A discussion on risks, safety, legal implications and liability of involved stakeholders. International Journal of Medical Informatics, 2018, 112, 90-98.	3.3	66
67	MTGO: PPI Network Analysis Via Topological and Functional Module Identification. Scientific Reports, 2018, 8, 5499.	3.3	103
68	Interplay Between Genetic Substrate, QTcÂDuration, and Arrhythmia Risk in Patients With Long QT Syndrome. Journal of the American College of Cardiology, 2018, 71, 1663-1671.	2.8	137
69	Smartphone-Based Self-Management of Non-Insulin-Dependent Diabetes: A Japanese System at Use by an Italian Patientsâ€™ Cohort. Journal of Diabetes Science and Technology, 2018, 12, 903-904.	2.2	2
70	A dashboard-based system for supporting diabetes care. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 538-547.	4.4	57
71	Information extraction from Italian medical reports: An ontology-driven approach. International Journal of Medical Informatics, 2018, 111, 140-148.	3.3	15
72	A Genome-Wide Association Study of Diabetic Kidney Disease in Subjects With Type 2 Diabetes. Diabetes, 2018, 67, 1414-1427.	0.6	136

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73	Careflow Mining Techniques to Explore Type 2 Diabetes Evolution. Journal of Diabetes Science and Technology, 2018, 12, 251-259.	2.2	16
74	Incorporating repeating temporal association rules in NaÃ¨ve Bayes classifiers for coronary heart disease diagnosis. Journal of Biomedical Informatics, 2018, 81, 74-82.	4.3	25
75	Machine Learning Methods to Predict Diabetes Complications. Journal of Diabetes Science and Technology, 2018, 12, 295-302.	2.2	203
76	Multicentre registry of brain-injured patients with disorder of consciousness: rationale and preliminary data. Functional Neurology, 2018, 33, 19.	1.3	7
77	Nearest Consensus Clustering Classification to Identify Subclasses and Predict Disease. Journal of Healthcare Informatics Research, 2018, 2, 402-422.	7.6	18
78	50th anniversary retrospective: Computers and Biomedical Research and Journal of Biomedical Informatics. Journal of Biomedical Informatics, 2018, 88, 108-112.	4.3	0
79	CardioVAI: An automatic implementation of ACMG-AMP variant interpretation guidelines in the diagnosis of cardiovascular diseases. Human Mutation, 2018, 39, 1835-1846.	2.5	31
80	Big Data as a Driver for Clinical Decision Support Systems: A Learning Health Systems Perspective. Frontiers in Digital Humanities, 2018, 5, .	1.2	27
81	Predicting Disease Complications Using a Stepwise Hidden Variable Approach for Learning Dynamic Bayesian Networks. , 2018, , .		9
82	Patient similarity for precision medicine: A systematic review. Journal of Biomedical Informatics, 2018, 83, 87-96.	4.3	97
83	Risk factors for the development of micro-vascular complications of type 2 diabetes in a single-centre cohort of patients. Diabetes and Vascular Disease Research, 2018, 15, 424-432.	2.0	30
84	Computational development of a molecular-based approach to improve risk stratification of endometrial cancer patients. Oncotarget, 2018, 9, 25517-25528.	1.8	6
85	AID-GM: An Advanced System Supporting Continuous Monitoring of T1DM Patients. Studies in Health Technology and Informatics, 2018, 247, 616-620.	0.3	1
86	Automatic Processing of Anatomic Pathology Reports in the Italian Language to Enhance the Reuse of Clinical Data. Studies in Health Technology and Informatics, 2018, 247, 715-719.	0.3	1
87	Temporal electronic phenotyping by mining careflows of breast cancer patients. Journal of Biomedical Informatics, 2017, 66, 136-147.	4.3	46
88	A rare genetic variant of BPIFB4 predisposes to high blood pressure via impairment of nitric oxide signaling. Scientific Reports, 2017, 7, 9706.	3.3	17
89	Hydroquinidine Prevents Life-Threatening Arrhythmic Events in Patients With ShortÂQTÂSyndrome. Journal of the American College of Cardiology, 2017, 70, 3010-3015.	2.8	64
90	The Genetic Landscape of Renal Complications in Type 1 Diabetes. Journal of the American Society of Nephrology: JASN, 2017, 28, 557-574.	6.1	101

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91	Clinical timelines development from textual medical reports in Italian. , 2017, , .		0
92	Predicting Comorbidities Using Resampling and Dynamic Bayesian Networks with Latent Variables. , 2017, , .		8
93	Exploring Wound-Healing Genomic Machinery with a Network-Based Approach. Pharmaceuticals, 2017, 10, 55.	3.8	6
94	Met-Activating Genetically Improved Chimeric Factor-1 Promotes Angiogenesis and Hypertrophy in Adult Myogenesis. Current Pharmaceutical Biotechnology, 2017, 18, 309-317.	1.6	7
95	Implementation of the International Myeloma Working Group reccomendations on renal impairment in multiple myeloma patients in routine clinical practice. Annals of Oncology, 2017, 28, vi98.	1.2	0
96	Recurrent Neural Network Architectures for Event Extraction from Italian Medical Reports. Lecture Notes in Computer Science, 2017, , 198-202.	1.3	4
97	Data Fusion Approach for Learning Transcriptional Bayesian Networks. Lecture Notes in Computer Science, 2017, , 76-80.	1.3	1
98	Combining clinical and genomics queries using i2b2 â€“ Three methods. PLoS ONE, 2017, 12, e0172187.	2.5	26
99	Discussion of â€œThe New Role of Biomedical Informatics in the Age of Digital Medicineâ€• Methods of Information in Medicine, 2016, 55, 403-421.	1.2	8
100	Multivariate Methods for Genetic Variants Selection and Risk Prediction in Cardiovascular Diseases. Frontiers in Cardiovascular Medicine, 2016, 3, 17.	2.4	11
101	A Network-Based Data Integration Approach to Support Drug Repurposing and Multi-Target Therapies in Triple Negative Breast Cancer. PLoS ONE, 2016, 11, e0162407.	2.5	74
102	A Data Fusion Approach to Enhance Association Study in Epilepsy. PLoS ONE, 2016, 11, e0164940.	2.5	4
103	Arrhythmogenic Right Ventricular Cardiomyopathy. Journal of the American College of Cardiology, 2016, 68, 2540-2550.	2.8	148
104	Combining Naive Bayes Classifiers with Temporal Association Rules for Coronary Heart Disease Diagnosis. , 2016, , .		10
105	Clinical Effects of Driver Somatic Mutations on the Outcomes of Patients With Myelodysplastic Syndromes Treated With Allogeneic Hematopoietic Stem-Cell Transplantation. Journal of Clinical Oncology, 2016, 34, 3627-3637.	1.6	204
106	Out-of-Home Activity Recognition from GPS Data in Schizophrenic Patients. , 2016, , .		19
107	Comparison of data mining techniques applied to fetal heart rate parameters for the early identification of IUGR fetuses. , 2016, 2016, 916-919.		12
108	Combining Unsupervised and Supervised Learning for Discovering Disease Subclasses. , 2016, , .		1

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109	Guest Editorial IEEE EMBC 2015. IEEE Journal of Biomedical and Health Informatics, 2016, 20, 1215-1215.	6.3	0
110	A computational method for designing diverse linear epitopes including citrullinated peptides with desired binding affinities to intravenous immunoglobulin. BMC Bioinformatics, 2016, 17, 155.	2.6	2
111	Integration of Administrative, Clinical, and Environmental Data to Support the Management of Type 2 Diabetes Mellitus. Journal of Diabetes Science and Technology, 2016, 10, 19-26.	2.2	19
112	Learning T2D Evolving Complexity from EMR and Administrative Data by Means of Continuous Time Bayesian Networks. , 2016, , .		2
113	Filtering and Mapping Public Health Data with an Innovative Kriging Approach, Accounting for Single Observation Variance. Procedia Environmental Sciences, 2015, 26, 57-61.	1.4	0
114	BigQ: a NoSQL based framework to handle genomic variants in i2b2. BMC Bioinformatics, 2015, 16, 415.	2.6	20
115	Serum BPIFB4 levels classify health status in long-living individuals. Immunity and Ageing, 2015, 12, 27.	4.2	39
116	3D culture of ovarian follicles: a system towards their engineering?. International Journal of Developmental Biology, 2015, 59, 211-216.	0.6	10
117	Big Data Technologies. Journal of Diabetes Science and Technology, 2015, 9, 1119-1125.	2.2	28
118	Maximal Stiffness Evaluation by Real-Time Ultrasound Elastography, an Improved Tool for the Differential Diagnosis of Thyroid Nodules. Endocrine Practice, 2015, 21, 474-481.	2.1	13
119	A collaborative environment for shared classification of neuroimages: The experience of the Colibri project. , 2015, 2015, 4306-9.		0
120	Improving risk-stratification of Diabetes complications using temporal data mining. , 2015, 2015, 2131-4.		14
121	From data to the decision: A software architecture to integrate predictive modelling in clinical settings. , 2015, 2015, 8161-4.		5
122	Template for preparation of papers for IEEE sponsored conferences & symposia. , 2015, 2015, 2123-6.		0
123	Inferring air quality maps from remotely sensed data to exploit georeferenced clinical onsets: The Pavia 2013 case. , 2015, , .		5
124	Designing an artificial pancreas architecture: the AP@home experience. Medical and Biological Engineering and Computing, 2015, 53, 1271-1283.	2.8	15
125	Developing a parsimonius predictor for binary traits in sugar beet (Beta vulgaris). Molecular Breeding, 2015, 35, 1.	2.1	10
126	Protein biomarkers for the prediction of cardiovascular disease in type 2 diabetes. Diabetologia, 2015, 58, 1363-1371.	6.3	57

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127	Collaborative Filtering for Estimating Health Related Utilities in Decision Support Systems. Lecture Notes in Computer Science, 2015, , 106-110.	1.3	0
128	JTSA: An open source framework for time series abstractions. Computer Methods and Programs in Biomedicine, 2015, 121, 175-188.	4.7	12
129	Optimal marker placement in hadrontherapy: Intelligent optimization strategies with augmented Lagrangian pattern search. Journal of Biomedical Informatics, 2015, 53, 65-72.	4.3	2
130	A kinetic model-based algorithm to classify NGS short reads by their allele origin. Journal of Biomedical Informatics, 2015, 53, 121-127.	4.3	0
131	PaPI: pseudo amino acid composition to score human protein-coding variants. BMC Bioinformatics, 2015, 16, 123.	2.6	44
132	Thirty years of artificial intelligence in medicine (AIME) conferences: A review of research themes. Artificial Intelligence in Medicine, 2015, 65, 61-73.	6.5	84
133	Genetic Analysis Reveals a Longevity-Associated Protein Modulating Endothelial Function and Angiogenesis. Circulation Research, 2015, 117, 333-345.	4.5	78
134	A Dynamic Bayesian Network model for long-term simulation of clinical complications in type 1 diabetes. Journal of Biomedical Informatics, 2015, 57, 369-376.	4.3	46
135	Atlas of the clinical genetics of human dilated cardiomyopathy. European Heart Journal, 2015, 36, 1123-1135.	2.2	456
136	Improving molecular diagnosis in epilepsy by a dedicated high-throughput sequencing platform. European Journal of Human Genetics, 2015, 23, 354-362.	2.8	64
137	Analyzing Complex Patientsâ€™ Temporal Histories: New Frontiers in Temporal Data Mining. Methods in Molecular Biology, 2015, 1246, 89-105.	0.9	16
138	User Requirements for Incorporating Diabetes Modeling Techniques in Disease Management Tools. IFMBE Proceedings, 2015, , 992-995.	0.3	7
139	Comparison of Probabilistic versus Non-probabilistic Electronic Nose Classification Methods in an Animal Model. Lecture Notes in Computer Science, 2015, , 298-303.	1.3	1
140	Gene network analysis: from heart development to cardiac therapy. Thrombosis and Haemostasis, 2015, 113, 521-531.	3.4	7
141	Running Genome Wide Data Analysis Using a Parallel Approach on a Cloud Platform. Lecture Notes in Computer Science, 2015, , 188-192.	1.3	0
142	Improving Clinical Decisions on T2DM Patients Integrating Clinical, Administrative and Environmental Data. Studies in Health Technology and Informatics, 2015, 216, 682-6.	0.3	4
143	A Refinement of Hong's Technique for the Removal of Stuck Dialysis Catheters: An Easy Solution to a Complex Problem. Journal of Vascular Access, 2014, 15, 183-188.	0.9	26
144	Probabilistic Modelling with Bayesian Networks. , 2014, , 257-280.		4

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145	Monitoring Artificial Pancreas Trials Through Agent-based Technologies. Journal of Diabetes Science and Technology, 2014, 8, 216-224.	2.2	23
146	Kimimila: A New Model to Classify NGS Short Reads by Their Allele Origin. , 2014, , .		0
147	MOGE(S) nosology in low-to-middle-income countries. Nature Reviews Cardiology, 2014, 11, 307-307.	13.7	2
148	The Colibri project: A multicenter shared database of magnetic resonance images about rare neurological diseases. , 2014, , .		2
149	Multivariate analysis based on linear and non-linear FHR parameters for the identification of IUGR fetuses. , 2014, 2014, 1868-71.		11
150	A proposal of architecture to share patients data out of healthcare settings for research purposes. , 2014, , .		1
151	Engineering Principles in Biomedical Informatics. , 2014, , 313-345.		1
152	Lower motor neuron disease with respiratory failure caused by a novel MAPT mutation. Neurology, 2014, 82, 1990-1998.	1.1	21
153	Temporal abstractions to enrich Activity-Based Process Mining corpus with clinical time series. , 2014, , .		11
154	A data gathering framework to collect Type 2 diabetes patients data. , 2014, , .		12
155	Novel genetic susceptibility loci for diabetic end-stage renal disease identified through robust naive Bayes classification. Diabetologia, 2014, 57, 1611-1622.	6.3	19
156	The MOGE(S) Classification of Cardiomyopathy for Clinicians. Journal of the American College of Cardiology, 2014, 64, 304-318.	2.8	158
157	Temporal data mining and process mining techniques to identify cardiovascular risk-associated clinical pathways in Type 2 diabetes patients. , 2014, , .		14
158	Exposome informatics: considerations for the design of future biomedical research information systems. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 386-390.	4.4	63
159	Reply. Journal of the American College of Cardiology, 2014, 63, 2584-2586.	2.8	3
160	Big Data and Biomedical Informatics: A Challenging Opportunity. Yearbook of Medical Informatics, 2014, 23, 08-13.	1.0	132
161	Transcriptome based identification of mouse cumulus cell markers that predict the developmental competence of their enclosed antral oocytes. BMC Genomics, 2013, 14, 380.	2.8	29
162	Network-based target ranking for polypharmacological therapies. Journal of Biomedical Informatics, 2013, 46, 876-881.	4.3	39

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163	The MOGE(S) Classification for a Phenotypeâ€“Genotype Nomenclature of Cardiomyopathy. Journal of the American College of Cardiology, 2013, 62, 2046-2072.	2.8	203
164	Trustworthy reuse of health data: A transnational perspective. International Journal of Medical Informatics, 2013, 82, 1-9.	3.3	87
165	Mouse embryonic stem cells irradiated with Î³-rays differentiate into cardiomyocytes but with altered contractile properties. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2013, 756, 37-45.	1.7	18
166	Comparison of Elastographic Strain Index and Thyroid Fine-Needle Aspiration Cytology in 631 Thyroid Nodules. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 4790-4797.	3.6	39
167	Improving data and knowledge management to better integrate health care and research. Journal of Internal Medicine, 2013, 274, 321-328.	6.0	44
168	Supporting Translational Research on Inherited Cardiomyopathies through Information Technology. Methods of Information in Medicine, 2013, 52, 137-147.	1.2	2
169	A Probabilistic Method for Computing Quantitative Risk Indexes from Medical Injuries Compensation Claims. Methods of Information in Medicine, 2013, 52, 374-381.	1.2	0
170	The MOGE(S) Classification for a Phenotypeâ€“Genotype Nomenclature of Cardiomyopathy: Endorsed by the World Heart Federation. Global Heart, 2013, 8, 355.	2.3	28
171	The Role of SwrA, DegU and PD3 in fla/che Expression in B. subtilis. PLoS ONE, 2013, 8, e85065.	2.5	39
172	Knowledge-Based Identification of Multicomponent Therapies. Lecture Notes in Computer Science, 2013, , 94-98.	1.3	0
173	Expression of estrogen and androgen receptors in differentiated thyroid cancer: an additional criterion to assess the patient's risk. Endocrine-Related Cancer, 2012, 19, 463-471.	3.1	61
174	Stochastic model search with binary outcomes for genome-wide association studies. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, e13-e20.	4.4	9
175	An ICT infrastructure to integrate clinical and molecular data in oncology research. BMC Bioinformatics, 2012, 13, S5.	2.6	26
176	Quantitative Expression of the Mutated Lamin A/C Gene in Patients With Cardiolaminopathy. Journal of the American College of Cardiology, 2012, 60, 1916-1920.	2.8	34
177	Clinical Bioinformatics: challenges and opportunities. BMC Bioinformatics, 2012, 13, S1.	2.6	15
178	Hierarchical Naive Bayes for genetic association studies. BMC Bioinformatics, 2012, 13, S6.	2.6	14
179	Transcriptional Profiles of Mating-Responsive Genes from Testes and Male Accessory Glands of the Mediterranean Fruit Fly, Ceratitis capitata. PLoS ONE, 2012, 7, e46812.	2.5	40
180	Forecast model for the evaluation of economic resources employed in the health care of patients with HIV infection. ClinicoEconomics and Outcomes Research, 2012, 4, 117.	1.9	0

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181	OCT4 and the acquisition of oocyte developmental competence during folliculogenesis. International Journal of Developmental Biology, 2012, 56, 853-858.	0.6	16
182	Supporting Regenerative Medicine by Integrative Dimensionality Reduction. Methods of Information in Medicine, 2012, 51, 341-347.	1.2	5
183	Implementation of an automated system for monitoring adherence to hemodialysis treatment: A report of seven years of experience. International Journal of Medical Informatics, 2012, 81, 320-331.	3.3	3
184	The genomic and proteomic blueprint of mouse megakaryocytes derived from embryonic stem cells. Journal of Thrombosis and Haemostasis, 2012, 10, 907-915.	3.8	9
185	TGFÎ²1-Induced Baf60c Regulates both Smooth Muscle Cell Commitment and Quiescence. PLoS ONE, 2012, 7, e47629.	2.5	12
186	Knowledge-based bioinformatics for the study of mammalian oocytes. International Journal of Developmental Biology, 2012, 56, 859-866.	0.6	1
187	ONCO-i2b2: Improve Patients Selection through Case-Based Information Retrieval Techniques. Lecture Notes in Computer Science, 2012, , 93-99.	1.3	2
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