Riccardo Bellazzi

List of Publications by Year
in descending order

340	10,076	43973	54797
papers	citations	48	84
		h-index	g-index

374	374	374	14597
all docs	docs citations	times ranked	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.	1.3	4
2	Evaluating pointwise reliability of machine learning prediction. Journal of Biomedical Informatics, 2022, 127, 103996.	2.5	24
3	A machine learning approach based on ACMG/AMP guidelines for genomic variant classification and prioritization. Scientific Reports, 2022, 12, 2517.	1.6	26
4	Tumor‐associated macrophages and risk of recurrence in stage <scp>III</scp> colorectal cancer. Journal of Pathology: Clinical Research, 2022, 8, 307-312.	1.3	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.	1.1	6
6	Diabetes Technology Meeting 2021. Journal of Diabetes Science and Technology, 2022, , 193229682210902.	1.3	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, .	1.3	4
8	Dynamic Prediction of Non-Neutral SARS-Cov-2 Variants Using Incremental Machine Learning. Studies in Health Technology and Informatics, 2022, , .	0.2	1
9	International comparisons of laboratory values from the 4CE collaborative to predict COVID-19 mortality. Npj Digital Medicine, 2022, 5, .	5.7	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.	0.8	4
11	International electronic health record-derived post-acute sequelae profiles of COVID-19 patients. Npj Digital Medicine, 2022, 5, .	5.7	17
12	Linc00941 Is a Novel Transforming Growth Factor β Target That Primes Papillary Thyroid Cancer Metastatic Behavior by Regulating the Expression of Cadherin 6. Thyroid, 2021, 31, 247-263.	2.4	31
13	Health informatics and EHR to support clinical research in the COVID-19 pandemic: an overview. Briefings in Bioinformatics, 2021, 22, 812-822.	3.2	67
14	Evolving determinants of carotid atherosclerosis vulnerability in asymptomatic patients from the MAGNETIC observational study. Scientific Reports, 2021, 11, 2327.	1.6	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.	2.1	61
16	Cytoplasmic movements of the early human embryo: imaging and artificial intelligence to predict blastocyst development. Reproductive BioMedicine Online, 2021, 42, 521-528.	1.1	21
17	An integrative functional genomics approach reveals EGLN1 as a novel therapeutic target in KRAS mutated lung adenocarcinoma. Molecular Cancer, 2021, 20, 63.	7.9	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.	0.4	4

#	Article	IF	Citations
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.	2.2	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.	2.1	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.	2.8	33
22	CSNK1A1, KDM2A, and LTB4R2 Are New Druggable Vulnerabilities in Lung Cancer. Cancers, 2021, 13, 3477.	1.7	4
23	Pulmonary rehabilitation in patients with interstitial lung diseases: Correlates of success. Respiratory Medicine, 2021, 185, 106473.	1.3	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.	0.3	2
25	The DNA-helicase HELLS drives ALKˆˮ ALCL proliferation by the transcriptional control of a cytokinesis-related program. Cell Death and Disease, 2021, 12, 130.	2.7	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.	1.3	1
27	Multinational characterization of neurological phenotypes in patients hospitalized with COVID-19. Scientific Reports, 2021, 11, 20238.	1.6	10
28	Genome-Wide Association Study of Peripheral Artery Disease. Circulation Genomic and Precision Medicine, 2021, 14, e002862.	1.6	24
29	Autologous micrograft accelerates endogenous wound healing response through ERK-induced cell migration. Cell Death and Differentiation, 2020, 27, 1520-1538.	5.0	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.	2.6	50
31	Patient-Generated Health Data Integration and Advanced Analytics for Diabetes Management: The AID-GM Platform. Sensors, 2020, 20, 128.	2.1	13
32	SCOR: A secure international informatics infrastructure to investigate COVID-19. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 1721-1726.	2.2	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.	3.8	16
34	International electronic health record-derived COVID-19 clinical course profiles: the 4CE consortium. Npj Digital Medicine, 2020, 3, 109.	5.7	128
35	A Bayesian data fusion based approach for learning genome-wide transcriptional regulatory networks. BMC Bioinformatics, 2020, 21, 219.	1.2	3
36	A survey on single and multi omics data mining methods in cancer data classification. Journal of Biomedical Informatics, 2020, 107, 103466.	2.5	30

#	Article	IF	Citations
37	Integrated Multi-Omics Analyses in Oncology: A Review of Machine Learning Methods and Tools. Frontiers in Oncology, 2020, 10, 1030.	1.3	134
38	A continuous-time Markov model approach for modeling myelodysplastic syndromes progression from cross-sectional data. Journal of Biomedical Informatics, 2020, 104, 103398.	2.5	5
39	Dataset on linear and non-linear indices for discriminating healthy and IUGR fetuses. Data in Brief, 2020, 29, 105164.	0.5	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.	1.0	6
41	Deep Learning to Unveil Correlations between Urban Landscape and Population Health. Sensors, 2020, 20, 2105.	2.1	6
42	Comparative Study of Salivary, Duodenal, and Fecal Microbiota Composition Across Adult Celiac Disease. Journal of Clinical Medicine, 2020, 9, 1109.	1.0	25
43	Mining post-surgical care processes in breast cancer patients. Artificial Intelligence in Medicine, 2020, 105, 101855.	3.8	16
44	Progress in Characterizing the Human Exposome: a Key Step for Precision Medicine. Yearbook of Medical Informatics, 2020, 29, 115-120.	0.8	9
45	Deep Learning Applied to Blood Glucose Prediction from Flash Glucose Monitoring and Fitbit Data. Lecture Notes in Computer Science, 2020, , 59-63.	1.0	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.	1.0	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.	0.3	9
49	Democratized image analytics by visual programming through integration of deep models and small-scale machine learning. Nature Communications, 2019, 10, 4551.	5.8	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.	0.5	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.	1.5	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.	1.2	11
54	A Rule-Based Expert System for Automatic Implementation of Somatic Variant Clinical Interpretation Guidelines. Lecture Notes in Computer Science, 2019, , 114-119.	1.0	1

#	Article	IF	Citations
55	A Semi-supervised Learning Approach for Pan-Cancer Somatic Genomic Variant Classification. Lecture Notes in Computer Science, 2019, , 42-46.	1.0	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.	3.9	7
57	Supervised methods to extract clinical events from cardiology reports in Italian. Journal of Biomedical Informatics, 2019, 95, 103219.	2.5	12
58	Efficacy and Limitations of Quinidine in Patients With Brugada Syndrome. Circulation: Arrhythmia and Electrophysiology, 2019, 12, .	2.1	14
59	Taste receptors, innate immunity and longevity: the case of TAS2R16 gene. Immunity and Ageing, 2019, 16, 5.	1.8	12
60	MTGO-SC, A Tool to Explore Gene Modules in Single-Cell RNA Sequencing Data. Frontiers in Genetics, 2019, 10, 953.	1.1	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.	1.0	1
63	Transfer Learning for Urban Landscape Clustering and Correlation with Health Indexes. Lecture Notes in Computer Science, 2019, , 143-153.	1.0	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.	0.2	1
65	Ontology-Driven Real World Evidence Extraction from Clinical Narratives. Studies in Health Technology and Informatics, 2019, 264, 1441-1442.	0.2	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.	1.6	66
67	MTGO: PPI Network Analysis Via Topological and Functional Module Identification. Scientific Reports, 2018, 8, 5499.	1.6	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.	1.2	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.	1.3	2
70	A dashboard-based system for supporting diabetes care. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 538-547.	2.2	57
71	Information extraction from Italian medical reports: An ontology-driven approach. International Journal of Medical Informatics, 2018, 111, 140-148.	1.6	15
72	A Genome-Wide Association Study of Diabetic Kidney Disease in Subjects With Type 2 Diabetes. Diabetes, 2018, 67, 1414-1427.	0.3	136

#	Article	IF	Citations
73	Careflow Mining Techniques to Explore Type 2 Diabetes Evolution. Journal of Diabetes Science and Technology, 2018, 12, 251-259.	1.3	16
74	Incorporating repeating temporal association rules in Naïve Bayes classifiers for coronary heart disease diagnosis. Journal of Biomedical Informatics, 2018, 81, 74-82.	2.5	25
75	Machine Learning Methods to Predict Diabetes Complications. Journal of Diabetes Science and Technology, 2018, 12, 295-302.	1.3	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.	5.3	18
78	50th anniversary retrospective: Computers and Biomedical Research and Journal of Biomedical Informatics. Journal of Biomedical Informatics, 2018, 88, 108-112.	2.5	0
79	CardioVAI: An automatic implementation of ACMG-AMP variant interpretation guidelines in the diagnosis of cardiovascular diseases. Human Mutation, 2018, 39, 1835-1846.	1.1	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.	2.5	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.	0.9	30
84	Computational development of a molecular-based approach to improve risk stratification of endometrial cancer patients. Oncotarget, 2018, 9, 25517-25528.	0.8	6
85	AID-GM: An Advanced System Supporting Continuous Monitoring of T1DM Patients. Studies in Health Technology and Informatics, 2018, 247, 616-620.	0.2	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.	0.2	1
87	Temporal electronic phenotyping by mining careflows of breast cancer patients. Journal of Biomedical Informatics, 2017, 66, 136-147.	2.5	46
88	A rare genetic variant of BPIFB4 predisposes to high blood pressure via impairment of nitric oxide signaling. Scientific Reports, 2017, 7, 9706.	1.6	17
89	Hydroquinidine Prevents Life-Threatening Arrhythmic Events in Patients With Short QT Syndrome. Journal of the American College of Cardiology, 2017, 70, 3010-3015.	1.2	64
90	The Genetic Landscape of Renal Complications in Type 1 Diabetes. Journal of the American Society of Nephrology: JASN, 2017, 28, 557-574.	3.0	101

#	Article	IF	Citations
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.	1.7	6
94	Met-Activating Genetically Improved Chimeric Factor-1 Promotes Angiogenesis and Hypertrophy in Adult Myogenesis. Current Pharmaceutical Biotechnology, 2017, 18, 309-317.	0.9	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.	0.6	0
96	Recurrent Neural Network Architectures for Event Extraction from Italian Medical Reports. Lecture Notes in Computer Science, 2017, , 198-202.	1.0	4
97	Data Fusion Approach for Learning Transcriptional Bayesian Networks. Lecture Notes in Computer Science, 2017, , 76-80.	1.0	1
98	Combining clinical and genomics queries using i2b2 â€" Three methods. PLoS ONE, 2017, 12, e0172187.	1.1	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.	0.7	8
100	Multivariate Methods for Genetic Variants Selection and Risk Prediction in Cardiovascular Diseases. Frontiers in Cardiovascular Medicine, 2016, 3, 17.	1.1	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.	1.1	74
102	A Data Fusion Approach to Enhance Association Study in Epilepsy. PLoS ONE, 2016, 11, e0164940.	1.1	4
103	Arrhythmogenic Right Ventricular Cardiomyopathy. Journal of the American College of Cardiology, 2016, 68, 2540-2550.	1.2	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.	0.8	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

#	Article	IF	Citations
109	Guest Editorial IEEE EMBC 2015. IEEE Journal of Biomedical and Health Informatics, 2016, 20, 1215-1215.	3.9	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.	1.2	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.	1.3	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.	1.3	0
114	BigQ: a NoSQL based framework to handle genomic variants in i2b2. BMC Bioinformatics, 2015, 16, 415.	1.2	20
115	Serum BPIFB4 levels classify health status in long-living individuals. Immunity and Ageing, 2015, 12, 27.	1.8	39
116	3D culture of ovarian follicles: a system towards their engineering?. International Journal of Developmental Biology, 2015, 59, 211-216.	0.3	10
117	Big Data Technologies. Journal of Diabetes Science and Technology, 2015, 9, 1119-1125.	1.3	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.	1.1	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 &amp; 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.	1.6	15
125	Developing a parsimonius predictor for binary traits in sugar beet (Beta vulgaris). Molecular Breeding, 2015, 35, 1.	1.0	10
126	Protein biomarkers for the prediction of cardiovascular disease in type 2 diabetes. Diabetologia, 2015, 58, 1363-1371.	2.9	57

#	Article	IF	Citations
127	Collaborative Filtering for Estimating Health Related Utilities in Decision Support Systems. Lecture Notes in Computer Science, 2015, , 106-110.	1.0	0
128	JTSA: An open source framework for time series abstractions. Computer Methods and Programs in Biomedicine, 2015, 121, 175-188.	2.6	12
129	Optimal marker placement in hadrontherapy: Intelligent optimization strategies with augmented Lagrangian pattern search. Journal of Biomedical Informatics, 2015, 53, 65-72.	2.5	2
130	A kinetic model-based algorithm to classify NGS short reads by their allele origin. Journal of Biomedical Informatics, 2015, 53, 121-127.	2.5	0
131	PaPI: pseudo amino acid composition to score human protein-coding variants. BMC Bioinformatics, 2015, 16, 123.	1.2	44
132	Thirty years of artificial intelligence in medicine (AIME) conferences: A review of research themes. Artificial Intelligence in Medicine, 2015, 65, 61-73.	3.8	84
133	Genetic Analysis Reveals a Longevity-Associated Protein Modulating Endothelial Function and Angiogenesis. Circulation Research, 2015, 117, 333-345.	2.0	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.	2.5	46
135	Atlas of the clinical genetics of human dilated cardiomyopathy. European Heart Journal, 2015, 36, 1123-1135.	1.0	456
136	Improving molecular diagnosis in epilepsy by a dedicated high-throughput sequencing platform. European Journal of Human Genetics, 2015, 23, 354-362.	1.4	64
137	Analyzing Complex Patients' Temporal Histories: New Frontiers in Temporal Data Mining. Methods in Molecular Biology, 2015, 1246, 89-105.	0.4	16
138	User Requirements for Incorporating Diabetes Modeling Techniques in Disease Management Tools. IFMBE Proceedings, 2015, , 992-995.	0.2	7
139	Comparison of Probabilistic versus Non-probabilistic Electronic Nose Classification Methods in an Animal Model. Lecture Notes in Computer Science, 2015, , 298-303.	1.0	1
140	Gene network analysis: from heart development to cardiac therapy. Thrombosis and Haemostasis, 2015, 113, 521-531.	1.8	7
141	Running Genome Wide Data Analysis Using a Parallel Approach on a Cloud Platform. Lecture Notes in Computer Science, 2015, , 188-192.	1.0	0
142	Improving Clinical Decisions on T2DM Patients Integrating Clinical, Administrative and Environmental Data. Studies in Health Technology and Informatics, 2015, 216, 682-6.	0.2	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.	0.5	26
144	Probabilistic Modelling with Bayesian Networks. , 2014, , 257-280.		4

#	Article	IF	Citations
145	Monitoring Artificial Pancreas Trials Through Agent-based Technologies. Journal of Diabetes Science and Technology, 2014, 8, 216-224.	1.3	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.	6.1	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 <i>MAPT</i> mutation. Neurology, 2014, 82, 1990-1998.	1.5	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.	2.9	19
156	The MOGE(S) Classification of Cardiomyopathy for Clinicians. Journal of the American College of Cardiology, 2014, 64, 304-318.	1.2	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.	2.2	63
159	Reply. Journal of the American College of Cardiology, 2014, 63, 2584-2586.	1.2	3
160	Big Data and Biomedical Informatics: A Challenging Opportunity. Yearbook of Medical Informatics, 2014, 23, 08-13.	0.8	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.	1.2	29
162	Network-based target ranking for polypharmacological therapies. Journal of Biomedical Informatics, 2013, 46, 876-881.	2.5	39

#	Article	IF	Citations
163	The MOGE(S) Classification for a Phenotype–Genotype Nomenclature of Cardiomyopathy. Journal of the American College of Cardiology, 2013, 62, 2046-2072.	1.2	203
164	Trustworthy reuse of health data: A transnational perspective. International Journal of Medical Informatics, 2013, 82, 1-9.	1.6	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.	0.9	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.	1.8	39
167	Improving data and knowledge management to better integrate health care and research. Journal of Internal Medicine, 2013, 274, 321-328.	2.7	44
168	Supporting Translational Research on Inherited Cardiomyopathies through Information Technology. Methods of Information in Medicine, 2013, 52, 137-147.	0.7	2
169	A Probabilistic Method for Computing Quantitative Risk Indexes from Medical Injuries Compensation Claims. Methods of Information in Medicine, 2013, 52, 374-381.	0.7	0
170	The MOGE(S) Classification for a Phenotype–Genotype Nomenclature of Cardiomyopathy: Endorsed by the World Heart Federation. Global Heart, 2013, 8, 355.	0.9	28
171	The Role of SwrA, DegU and PD3 in fla/che Expression in B. subtilis. PLoS ONE, 2013, 8, e85065.	1.1	39
172	Knowledge-Based Identification of Multicomponent Therapies. Lecture Notes in Computer Science, 2013, , 94-98.	1.0	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.	1.6	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.	2.2	9
175	An ICT infrastructure to integrate clinical and molecular data in oncology research. BMC Bioinformatics, 2012, 13, S5.	1.2	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.	1.2	34
177	Clinical Bioinformatics: challenges and opportunities. BMC Bioinformatics, 2012, 13, S1.	1.2	15
178	Hierarchical Naive Bayes for genetic association studies. BMC Bioinformatics, 2012, 13, S6.	1.2	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.	1.1	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.	0.7	0

#	Article	IF	Citations
181	OCT4 and the acquisition of oocyte developmental competence during folliculogenesis. International Journal of Developmental Biology, 2012, 56, 853-858.	0.3	16
182	Supporting Regenerative Medicine by Integrative Dimensionality Reduction. Methods of Information in Medicine, 2012, 51, 341-347.	0.7	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.	1.6	3
184	The genomic and proteomic blueprint of mouse megakaryocytes derived from embryonic stem cells. Journal of Thrombosis and Haemostasis, 2012, 10, 907-915.	1.9	9
185	TGFβ1-Induced Baf60c Regulates both Smooth Muscle Cell Commitment and Quiescence. PLoS ONE, 2012, 7, e47629.	1.1	12
186	Knowledge-based bioinformatics for the study of mammalian oocytes. International Journal of Developmental Biology, 2012, 56, 859-866.	0.3	1
187	ONCO-i2b2: Improve Patients Selection through Case-Based Information Retrieval Techniques. Lecture Notes in Computer Science, 2012, , 93-99.	1.0	2
188	Development and representation of health indicators with thematic maps. Studies in Health Technology and Informatics, 2012, 180, 220-4.	0.2	2
189	The differentiation of cardiomyocytes from mouse embryonic stem cells is altered by dioxin. Toxicology Letters, 2011, 202, 226-236.	0.4	27
190	Mining Health Care Administrative Data with Temporal Association Rules on Hybrid Events. Methods of Information in Medicine, 2011, 50, 166-179.	0.7	29
191	Data Analysis and Data Mining: Current Issues in Biomedical Informatics. Methods of Information in Medicine, 2011, 50, 536-544.	0.7	62
192	Automatic Adaptive System Dialysis for Hemodialysis-Associated Hypotension and Intolerance: A Noncontrolled Multicenter Trial. American Journal of Kidney Diseases, 2011, 58, 93-100.	2.1	36
193	Inferring cell cycle feedback regulation from gene expression data. Journal of Biomedical Informatics, 2011, 44, 565-575.	2.5	9
194	Computer-based genealogy reconstruction in founder populations. Journal of Biomedical Informatics, 2011, 44, 997-1003.	2.5	9
195	Mario Stefanelli, 1945–2010. Artificial Intelligence in Medicine, 2011, 52, 53-55.	3.8	0
196	Predictive data mining in clinical medicine: a focus on selected methods and applications. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2011, 1, 416-430.	4.6	73
197	The two tryptophans of β2-microglobulin have distinct roles in function and folding and might represent two independent responses to evolutionary pressure. BMC Evolutionary Biology, 2011, 11, 159.	3.2	16
198	Gatekeeper of pluripotency: A common Oct4 transcriptional network operates in mouse eggs and embryonic stem cells. BMC Genomics, 2011, 12, 1-13.	1.2	25

#	Article	IF	Citations
199	Bringing the Artificial Pancreas Home: Telemedicine Aspects. Journal of Diabetes Science and Technology, 2011, 5, 1381-1386.	1.3	20
200	Stage prediction of embryonic stem cell differentiation from genome-wide expression data. Bioinformatics, 2011, 27, 2546-2553.	1.8	18
201	Iatrogenic hypoglycemia secondary to tight glucose control is an independent determinant for mortality and cardiac morbidityâ˜†. European Journal of Cardio-thoracic Surgery, 2011, 40, 360-6.	0.6	16
202	R Engine Cell: integrating R into the i2b2 software infrastructure. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, 314-317.	2.2	17
203	Association Study on Long-Living Individuals from Southern Italy Identifies rs10491334 in the <i>CAMKIV</i> Gene That Regulates Survival Proteins. Rejuvenation Research, 2011, 14, 283-291.	0.9	72
204	Localization of Magic-F1 Transgene, Involved in Muscular Hypertrophy, during Early Myogenesis. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-9.	3.0	5
205	A Data Mining Library for miRNA Annotation and Analysis. Lecture Notes in Computer Science, 2011, , 80-84.	1.0	1
206	Ranking and 1-Dimensional Projection of Cell Development Transcription Profiles. Lecture Notes in Computer Science, 2011, , 85-89.	1.0	1
207	Prediction of Peptide Reactivity with Human IVIg through a Knowledge-Based Approach. PLoS ONE, 2011, 6, e23616.	1.1	3
208	An automated reasoning framework for translational research. Journal of Biomedical Informatics, 2010, 43, 419-427.	2.5	7
209	Professor Mario Stefanelli (1945â€“2010). Journal of Biomedical Informatics, 2010, 43, 859-860.	2.5	0
210	TWEAK is a positive regulator of cardiomyocyte proliferation. Cardiovascular Research, 2010, 85, 681-690.	1.8	90
211	Development of a Novel Bioinformatics Tool for In Silico Validation of Protein Interactions. Journal of Biomedicine and Biotechnology, 2010, 2010, 1-9.	3.0	1
212	Polymorphisms in the NOS1APGene Modulate QT Interval Duration and Risk of Arrhythmias in the Long QT Syndrome. Journal of the American College of Cardiology, 2010, 55, 2745-2752.	1.2	163
213	Translational Bioinformatics: Challenges and Opportunities for Case-Based Reasoning and Decision Support. Lecture Notes in Computer Science, 2010, , 1-11.	1.0	1
214	Text Mining approaches for automated literature knowledge extraction and representation. Studies in Health Technology and Informatics, 2010, 160, 954-8.	0.2	8
215	Methods and tools for mining multivariate temporal data in clinical and biomedical applications. , 2009, 2009, 5629-32.		11
216	Oct-4 regulates the expression of Stella and Foxj2 at the Nanog locus: implications for the developmental competence of mouse oocytes. Human Reproduction, 2009, 24, 2225-2237.	0.4	37

#	Article	IF	Citations
217	Data Mining Technologies for Blood Glucose and Diabetes Management. Journal of Diabetes Science and Technology, 2009, 3, 603-612.	1.3	30
218	Epigenetic analysis of the critical region I for premature ovarian failure: demonstration of a highly heterochromatic domain on the long arm of the mammalian X chromosome. Journal of Medical Genetics, 2009, 46, 585-592.	1.5	33
219	Inversion-based genomic signatures. BMC Bioinformatics, 2009, 10, S7.	1.2	10
220	Phenotypic and genotypic data integration and exploration through a web-service architecture. BMC Bioinformatics, 2009, 10, S5.	1.2	7
221	Phenotype forecasting with SNPs data through gene-based Bayesian networks. BMC Bioinformatics, 2009, 10, S7.	1.2	11
222	The coming of age of artificial intelligence in medicine. Artificial Intelligence in Medicine, 2009, 46, 5-17.	3.8	403
223	Artificial intelligence in medicine AIME'07. Artificial Intelligence in Medicine, 2009, 46, 1-3.	3.8	3
224	Different molecular mechanisms causing 9p21 deletions in acute lymphoblastic leukemia of childhood. Human Genetics, 2009, 126, 511-520.	1.8	39
225	Role of Oct-4 during acquisition of developmental competence in mouse oocyte. Reproductive BioMedicine Online, 2009, 19, 57-62.	1.1	12
226	Association of the *FOXO3A* Locus with Extreme Longevity in a Southern Italian Centenarian Study. Rejuvenation Research, 2009, 12, 95-104.	0.9	282
227	Mining Healthcare Data with Temporal Association Rules: Improvements and Assessment for a Practical Use. Lecture Notes in Computer Science, 2009, , 16-25.	1.0	30
228	On Quality of Different Annotation Sources for Gene Expression Analysis. Lecture Notes in Computer Science, 2009, , 421-425.	1.0	3
229	An Architecture for Automated Reasoning Systems for Genome-Wide Studies. Lecture Notes in Computer Science, 2009, , 426-430.	1.0	1
230	Temporal Data Mining of HIV Registries: Results from a 25 Years Follow-Up. Lecture Notes in Computer Science, 2009, , 56-60.	1.0	1
231	Temporal data mining for the assessment of the costs related to diabetes mellitus pharmacological treatment. AMIA ... Annual Symposium proceedings, 2009, 2009, 119-23.	0.2	4
232	Multi-criteria decision making approaches for quality control of genome-wide association studies. Summit on Translational Bioinformatics, 2009, 2009, 74-8.	0.7	1
233	Mining administrative and clinical diabetes data with temporal association rules. Studies in Health Technology and Informatics, 2009, 150, 574-8.	0.2	6
234	Maternal Oct-4 is a potential key regulator of the developmental competence of mouse oocytes. BMC Developmental Biology, 2008, 8, 97.	2.1	70

#	Article	IF	Citations
235	Building a Normative Decision Support System for Clinical and Operational Risk Management in Hemodialysis. IEEE Transactions on Information Technology in Biomedicine, 2008, 12, 678-686.	3.6	15
236	Predictive data mining in clinical medicine: Current issues and guidelines. International Journal of Medical Informatics, 2008, 77, 81-97.	1.6	653
237	Analysis and Visualization of Spatial Proteomic Data for Tissue Characterization. , 2008, , .		0
238	TimeClust: a clustering tool for gene expression time series. Bioinformatics, 2008, 24, 430-432.	1.8	50
239	Telemedicine and Diabetes Management: Current Challenges and Future Research Directions. Journal of Diabetes Science and Technology, 2008, 2, 98-104.	1.3	37
240	Association of rs2200733 at 4q25 with atrial flutter/fibrillation diseases in an Italian population. Heart, 2008, 94, 1394-1396.	1.2	49
241	Going Mobile with a Multiaccess Service for the Management of Diabetic Patients. Journal of Diabetes Science and Technology, 2007, 1, 730-737.	1.3	23
242	Genetic association studies for gene expressions: permutation-based mutual information in a comparison with standard ANOVA and as a novel approach for feature selection. BMC Proceedings, 2007, 1, S9.	1.8	6
243	Diagnostic value of PRND gene expression profiles in astrocytomas: Relationship to tumor grades of malignancy. Oncology Reports, 2007, 17, 989-96.	1.2	15
244	Bayesian approaches to reverse engineer cellular systems: a simulation study on nonlinear Gaussian networks. BMC Bioinformatics, 2007, 8, S2.	1.2	38
245	A procedure to decompose high resolution mass spectra. BMC Bioinformatics, 2007, 8, .	1.2	5
246	Inferring gene regulatory networks by integrating static and dynamic data. International Journal of Medical Informatics, 2007, 76, S462-S475.	1.6	7
247	Precedence Temporal Networks to represent temporal relationships in gene expression data. Journal of Biomedical Informatics, 2007, 40, 761-774.	2.5	12
248	Towards knowledge-based gene expression data mining. Journal of Biomedical Informatics, 2007, 40, 787-802.	2.5	70
249	Temporal abstraction for feature extraction: A comparative case study in prediction from intensive care monitoring data. Artificial Intelligence in Medicine, 2007, 41, 1-12.	3.8	38
250	Data mining with Temporal Abstractions: learning rules from time series. Data Mining and Knowledge Discovery, 2007, 15, 217-247.	2.4	118
251	Assessing the Quality of Care for End Stage Renal Failure Patients by Means of Artificial Intelligence Methodologies. Studies in Computational Intelligence, 2007, , , 89-112.	0.7	1
252	Information Technology Solutions for Diabetes management and prevention Current Challenges and Future Research directions. , 2007, , 14-17.		0

#	ARTICLE	IF	CITATIONS
253	A dynamic query system for supporting phenotype mining in genetic studies. Studies in Health Technology and Informatics, 2007, 129, 1275-9.	0.2	3
254	Reduced sampling schedule for the glucose minimal model: importance of Bayesian estimation. American Journal of Physiology - Endocrinology and Metabolism, 2006, 290, E177-E184.	1.8	14
255	Can we use linear Gaussian networks to model dynamic interactions among genes? Results from a simulation study. , 2006, , .		19
256	A Stochastic Model to Assess the Variability of Blood Glucose Time Series in Diabetic Patients Self-Monitoring. IEEE Transactions on Biomedical Engineering, 2006, 53, 977-985.	2.5	33
257	Case-based retrieval to support the treatment of end stage renal failure patients. Artificial Intelligence in Medicine, 2006, 37, 31-42.	3.8	57
258	Knowledge-based data analysis and interpretation. Artificial Intelligence in Medicine, 2006, 37, 163-165.	3.8	16
259	A proposed semantic framework for diabetes education content management, customisation and delivery within the M2DM project. Computer Methods and Programs in Biomedicine, 2006, 83, 188-197.	2.6	16
260	A hierarchical Naïve Bayes Model for handling sample heterogeneity in classification problems: an application to tissue microarrays. BMC Bioinformatics, 2006, 7, 514.	1.2	54
261	Dynamic Bayesian Networks in Modelling Cellular Systems: a Critical Appraisal on Simulated Data. , 2006, , .		2
262	Inferring gene expression networks via static and dynamic data integration. Studies in Health Technology and Informatics, 2006, 124, 119-24.	0.2	3
263	The relationship between focal seizures and sleep: An analysis of the cyclic alternating pattern. Epilepsy Research, 2005, 67, 73-80.	0.8	35
264	TA-clustering: Cluster analysis of gene expression profiles through Temporal Abstractions. International Journal of Medical Informatics, 2005, 74, 505-517.	1.6	22
265	Temporal data mining for the quality assessment of hemodialysis services. Artificial Intelligence in Medicine, 2005, 34, 25-39.	3.8	93
266	Random Walk Models for Bayesian Clustering of Gene Expression Profiles. Applied Bioinformatics, 2005, 4, 263-276.	1.7	14
267	Learning Rules with Complex Temporal Patterns in Biomedical Domains. Lecture Notes in Computer Science, 2005, , 23-32.	1.0	8
268	New Frontiers of Telemedicine Systems for Chronic Patients Monitoring: Adaptive Systems and Multi-Access Services. Measurement and Control, 2004, 37, 146-150.	0.9	0
269	Management of Patients with Diabetes Through Information Technology: Tools for Monitoring and Control of the Patients' Metabolic Behavior. Diabetes Technology and Therapeutics, 2004, 6, 567-578.	2.4	40
270	Insulin Minimal Model Indexes and Secretion: Proper Handling of Uncertainty by a Bayesian Approach. Annals of Biomedical Engineering, 2004, 32, 1027-1037.	1.3	15

#	Article	IF	Citations
271	Analysing Italian voluntary abortion data using a Bayesian approach to the time series decomposition. Statistics in Medicine, 2004, 23, 105-123.	0.8	3
272	RHENE: A Case Retrieval System for Hemodialysis Cases with Dynamically Monitored Parameters. Lecture Notes in Computer Science, 2004, , 659-672.	1.0	8
273	A careflow management system for chronic patients. Studies in Health Technology and Informatics, 2004, 107, 673-7.	0.2	5
274	Three Thiamine Analogues Differently Alter Thiamine Transport and Metabolism in Nervous Tissue: An In Vivo Kinetic Study Using Rats. Metabolic Brain Disease, 2003, 18, 245-263.	1.4	22
275	Design, Methods, and Evaluation Directions of a Multi-Access Service for the Management of Diabetes Mellitus Patients. Diabetes Technology and Therapeutics, 2003, 5, 621-629.	2.4	58
276	Integrating model-based decision support in a multi-modal reasoning system for managing type 1 diabetic patients. Artificial Intelligence in Medicine, 2003, 29, 131-151.	3.8	56
277	Electronic Management Systems in Diabetes Mellitus. Disease Management and Health Outcomes, 2003, 11, 159-171.	0.3	16
278	Quality Assessment of Hemodialysis Services through Temporal Data Mining. Lecture Notes in Computer Science, 2003, , 11-20.	1.0	5
279	Qualitative Models and Fuzzy Systems: An Integrated Approach to System Identification. , 2003, , 83-94.		0
280	Minimal model $S_I=0$ problem in NIDDM subjects: nonzero Bayesian estimates with credible confidence intervals. American Journal of Physiology - Endocrinology and Metabolism, 2002, 282, E564-E573.	1.8	42
281	A telemedicine support for diabetes management: the T-IDDM project. Computer Methods and Programs in Biomedicine, 2002, 69, 147-161.	2.6	109
282	Supporting decisions in medical applications: the knowledge management perspective. International Journal of Medical Informatics, 2002, 68, 79-90.	1.6	46
283	Nonparametric AUC estimation in population studies with incomplete sampling: a Bayesian approach. Journal of Pharmacokinetics and Pharmacodynamics, 2002, 29, 445-471.	0.8	23
284	Meta-Analysis of the Effect of the Use of Computer-Based Systems on the Metabolic Control of Patients with Diabetes Mellitus. Diabetes Technology and Therapeutics, 2001, 3, 347-356.	2.4	38
285	Intelligent Data Analysis â€" Special Issue. Methods of Information in Medicine, 2001, 40, 362-364.	0.7	8
286	Compartmental model identification based on an empirical Bayesian approach: The case of thiamine kinetics in rats. Medical and Biological Engineering and Computing, 2001, 39, 700-706.	1.6	9
287	A Hybrid Input-Output Approach to Model Metabolic Systems: An Application to Intracellular Thiamine Kinetics. Journal of Biomedical Informatics, 2001, 34, 221-248.	2.5	15
288	Web-based telemedicine systems for home-care: technical issues and experiences. Computer Methods and Programs in Biomedicine, 2001, 64, 175-187.	2.6	93

#	Article	IF	Citations
289	The subcutaneous route to insulin dependent diabetes therapy. IEEE Engineering in Medicine and Biology Magazine, 2001, 20, 54-64.	1.1	119
290	Learning from biomedical time series through the integration of qualitative models and fuzzy systems. Artificial Intelligence in Medicine, 2001, 21, 215-220.	3.8	9
291	Cased-Based Reasoning for medical knowledge-based systems. International Journal of Medical Informatics, 2001, 64, 355-367.	1.6	140
292	Integrating Different Methodologies for Insulin Therapy Support in Type 1 Diabetic Patients. Lecture Notes in Computer Science, 2001, , 121-130.	1.0	9
293	Mining Data from a Knowledge Management Perspective: An Application to Outcome Prediction in Patients with Resectable Hepatocellular Carcinoma. Lecture Notes in Computer Science, 2001, , 40-49.	1.0	7
294	A Bayesian Nonparametric Approach to AUC Determination in Population Studies. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2000, 33, 249-254.	0.4	0
295	A multi-modal reasoning methodology for managing IDDM patients. International Journal of Medical Informatics, 2000, 58-59, 243-256.	1.6	17
296	Intelligent analysis of clinical time series: an application in the diabetes mellitus domain. Artificial Intelligence in Medicine, 2000, 20, 37-57.	3.8	63
297	Diabetic patients management exploiting case-based reasoning techniques. Computer Methods and Programs in Biomedicine, 2000, 62, 205-218.	2.6	35
298	Bayesian Identification of a Population Compartmental Model of C-Peptide Kinetics. Annals of Biomedical Engineering, 2000, 28, 812-823.	1.3	13
299	Bayesian analysis of blood glucose time series from diabetes home monitoring. IEEE Transactions on Biomedical Engineering, 2000, 47, 971-975.	2.5	23
300	Hamming clustering techniques for the identification of prognostic indices in patients with advanced head and neck cancer treated with radiation therapy. Medical and Biological Engineering and Computing, 2000, 38, 483-486.	1.6	8
301	How to improve fuzzy-neural system modeling by means of qualitative simulation. IEEE Transactions on Neural Networks, 2000, 11, 249-253.	4.8	9
302	Building Telemedicine Systems for Supporting Decisions in Diabetes Care: A Report from a Running Experience. Diabetes Technology and Therapeutics, 2000, 2, 577-582.	2.4	5
303	Evaluating a Multi-modal Reasoning System in Diabetes Care. Lecture Notes in Computer Science, 2000, , 467-478.	1.0	1
304	Protocol-based reasoning in diabetic patient management. International Journal of Medical Informatics, 1999, 53, 61-77.	1.6	27
305	Intelligent Analysis of Clinical Time Series by Combining Structural Filtering and Temporal Abstractions. Lecture Notes in Computer Science, 1999, , 261-270.	1.0	4
306	Integrating Rule-Based and Case-Based Decision Making in Diabetic Patient Management. Lecture Notes in Computer Science, 1999, , 386-400.	1.0	16

#	Article	IF	Citations
307	Multi-modal Reasoning in Diabetic Patient Management. Lecture Notes in Computer Science, 1999, , 113-123.	1.0	3
308	A distributed system for diabetic patient management. Computer Methods and Programs in Biomedicine, 1998, 56, 93-107.	2.6	18
309	Qualitative models and fuzzy systems: an integrated approach for learning from data. Artificial Intelligence in Medicine, 1998, 14, 5-28.	3.8	32
310	A development environment for knowledge-based medical applications on the world-wide web. Artificial Intelligence in Medicine, 1998, 14, 279-293.	3.8	13
311	Bayesian function learning using MCMC methods. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1998, 20, 1319-1331.	9.7	50
312	Learning Bayesian networks probabilities from longitudinal data. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 1998, 28, 629-636.	3.4	3
313	Retrieval in a prototype-based case library: A case study in diabetes therapy revision. Lecture Notes in Computer Science, 1998, , 64-75.	1.0	29
314	Using Uncertainty Management Techniques in Medical Therapy Planning: a Decision-Theoretic approach. Lecture Notes in Computer Science, 1998, , 38-57.	1.0	3
315	Temporal Abstractions for diabetic patients management. Lecture Notes in Computer Science, 1997, , 319-330.	1.0	22
316	Interpreting longitudinal data through temporal abstractions: An application to diabetic patients monitoring. Lecture Notes in Computer Science, 1997, , 287-298.	1.0	2
317	Gibbs Sampling for Signal Reconstruction. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1997, 30, 271-276.	0.4	3
318	Dynamic Probabilistic Networks for Modelling and Identifying Dynamic Systems: A MCMC Approachâ˜†. Intelligent Data Analysis, 1997, 1, 245-262.	0.4	9
319	DT-Planner: an environment for managing dynamic decision problems. Computer Methods and Programs in Biomedicine, 1997, 54, 183-200.	2.6	12
320	In Vivo Study of the Kinetics of Thiamine and its Phosphoesters in the Deafferented Rat Cerebellum. Metabolic Brain Disease, 1997, 12, 145-160.	1.4	4
321	In Vivo study of the kinetics of thiamine and its phosphoesters in the deafferented rat cerebellum. Metabolic Brain Disease, 1997, 12, 145-160.	1.4	8
322	Cooperative Intelligent Data Analysis: An Application to Diabetic Patients Management. , 1997, , 81-98.		4
323	Learning temporal probabilistic causal models from longitudinal data. Artificial Intelligence in Medicine, 1996, 8, 217-234.	3.8	37
324	Adaptive controllers for intelligent monitoring. Artificial Intelligence in Medicine, 1995, 7, 515-540.	3.8	45

#	Article	IF	Citations
325	High level control strategies for diabetes therapy. Lecture Notes in Computer Science, 1995, , 185-196.	1.0	7
326	An Influence Diagram for Assessing GVHD Prophylaxis after Bone Marrow Transplantation in Children. Medical Decision Making, 1994, 14, 223-235.	1.2	16
327	Experimental subarachnoid hemorrhage: Events related to anti-oxidant enzymatic systems and eicosanoid peroxide enhancement. Neurochemical Research, 1994, 19, 839-844.	1.6	22
328	Reusable influence diagrams. Artificial Intelligence in Medicine, 1994, 6, 483-500.	3.8	2
329	Adaptive Drug Dosage in Long Term Treatment by using Fuzzy Controllers and Bayesian Networks. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1994, 27, 215-216.	0.4	1
330	Drug Delivery Optimization through Bayesian Networks: An Application to Erythropoietin Therapy in Uremic Anemia. Journal of Biomedical Informatics, 1993, 26, 274-293.	0.7	37
331	Hybrid knowledge-based systems for therapy planning. Artificial Intelligence in Medicine, 1992, 4, 207-226.	3.8	12
332	Bayesian networks for patient monitoring. Artificial Intelligence in Medicine, 1992, 4, 243-260.	3.8	31
333	GAMEES: a probabilistic environment for expert systems. Computer Methods and Programs in Biomedicine, 1991, 35, 177-191.	2.6	15
334	Cytotoxic Chemotherapy Monitoring Using Stochastic Simulation on Graphical Models. Lecture Notes in Medical Informatics, 1991, , 227-238.	0.1	4
335	BAYESIAN NETWORKS APPLIED TO THERAPY MONITORING. , 1991, , 35-43.		9
336	Therapy Planning by Combining Ai and Decision Theoretic Techniques. Lecture Notes in Medical Informatics, 1989, , 125-134.	0.1	7
337	Stochastic control with graphical models: the influence view approach. , 0, , .		0
338	GAMEES II: an environment for building probabilistic expert systems based on arrays of Bayesian belief networks. , 0, , .		0
339	Precedence Temporal Networks from Gene Expression Data. , 0, , .		2
340	Public Health Observatories: a learning community model to foster knowledge transfer for sustainable cities. , 0, , .		2