AntÃ³nio Da Silva Abelha

List of Publications by Year
in descending order

214 papers	1,580 citations	471509 17 h-index	526287 27 g-index
224 all docs	224 docs citations	224 times ranked	691 citing authors

#	Article	IF	Citations
1	The development of a pervasive Web application to alert patients based on business intelligence clinical indicators: a case study in a health institution. Wireless Networks, 2022, 28, 1279-1285.	3.0	6
2	Detecting Autism Spectrum Disorder Using Data Mining. Smart Innovation, Systems and Technologies, 2022, , 271-281.	0.6	0
3	Business Analytics Components for Public Health Institution - Clinical Decision Area. Procedia Computer Science, 2022, 198, 335-340.	2.0	3
4	Electronic Health Records Structuring Based on the OpenEHR Standard. Advances in Medical Technologies and Clinical Practice Book Series, 2022, , 192-212.	0.3	0
5	Data Mining for the Prediction of Fetal Malformation Through Cardiotocography Data. Advances in Intelligent Systems and Computing, 2021, , 60-69.	0.6	0
6	A CRISP-DM Approach for Predicting Liver Failure Cases: An Indian Case Study. Lecture Notes in Networks and Systems, 2021, , 156-164.	0.7	0
7	Data Mining for Cardiovascular Disease Prediction. Journal of Medical Systems, 2021, 45, 6.	3.6	36
8	Diagnosis of Diabetic Retinopathy Using Data Mining Classification Techniques. Advances in Intelligent Systems and Computing, 2021, , 198-209.	0.6	2
9	Data Mining Approach to Classify Cases of Lung Cancer. Advances in Intelligent Systems and Computing, 2021, , 511-521.	0.6	1
10	OpenEHR modeling: improving clinical records during the COVID-19 pandemic. Health and Technology, 2021, 11, 1109-1118.	3.6	9
11	Integrating a New Generation of Interoperability Agents into the AIDA Platform. Journal of Digital Science, 2021, 3, 54-64.	0.7	0
12	Hierarchical Temporal Memory Theory Approach to Stock Market Time Series Forecasting. Electronics (Switzerland), 2021, 10, 1630.	3.1	8
13	Development of FHIR based web applications for appointment management in healthcare. Procedia Computer Science, 2021, 184, 917-922.	2.0	2
14	Pervasive Business Intelligence Platform to Support the Decision-Making Process in Waiting Lists. , 2021, , 848-863.		0
15	Improving the Decision-Making Process in a Hospital Environment With New Interactive Visualization Methods. , 2021, , 1001-1014.		0
16	A Proof of Concept of a Business Intelligence Platform to Support the Decision-Making Process of Health Professionals in Waiting Lists. , 2021, , 1015-1034.		0
17	Steps towards an Healthcare Information Model based on openEHR. Procedia Computer Science, 2021, 184, 893-898.	2.0	4
18	Improving the Decision-Making Process in a Hospital Environment With New Interactive Visualization Methods. International Journal of Reliable and Quality E-Healthcare, 2020, 9, 13-24.	1.1	0

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19	Prediction of Mental Illness Associated with Unemployment Using Data Mining. Procedia Computer Science, 2020, 177, 556-561.	2.0	2
20	Management of a Pandemic Based on an openEHR approach. Procedia Computer Science, 2020, 177, 522-527.	2.0	12
21	Recommendation System Using Autoencoders. Applied Sciences (Switzerland), 2020, 10, 5510.	2.5	43
22	Open Science in Pandemic Times: A Literature Review. Procedia Computer Science, 2020, 177, 552-555.	2.0	2
23	Data Mining to Predict Early Stage Chronic Kidney Disease. Procedia Computer Science, 2020, 177, 562-567.	2.0	5
24	An OpenEHR Adoption in a Portuguese Healthcare Facility. Procedia Computer Science, 2020, 170, 1047-1052.	2.0	16
25	The Development of a Business Intelligence Web Application to Support the Decision-Making Process Regarding Absenteeism in the Workplace. Advances in Intelligent Systems and Computing, 2020, , 104-113.	0.6	2
26	How to Assess the Acceptance of an Electronic Health Record System?. Advances in Intelligent Systems and Computing, 2020, , 466-475.	0.6	1
27	An Exploratory Study of a NoSQL Database for a Clinical Data Repository. Advances in Intelligent Systems and Computing, 2020, , 476-483.	0.6	2
28	Step Towards Monitoring Intelligent Agents in Healthcare Information Systems. Advances in Intelligent Systems and Computing, 2020, , 510-519.	0.6	4
29	Review of Trends in Automatic Human Activity Recognition Using Synthetic Audio-Visual Data. Lecture Notes in Computer Science, 2020, , 549-560.	1.3	3
30	A Clinical Recommendation System to Maternity Care. , 2020, , 1-20.		0
31	Intelligent Support System for the Provision of Inpatient Care. Advances in Intelligent Systems and Computing, 2020, , 364-374.	0.6	0
32	Business Analytics for Social Healthcare Institution. Advances in Intelligent Systems and Computing, 2020, , 503-509.	0.6	1
33	Step Towards Interoperability in Nursing Practice. , 2020, , 865-878.		0
34	Monitoring and Maintenance of Web Service Processes in Health Units. International Journal of Reliable and Quality E-Healthcare, 2020, 9, 25-36.	1.1	0
35	Prediction of Length of Stay for Stroke Patients Using Artificial Neural Networks. Advances in Intelligent Systems and Computing, 2020, , 212-221.	0.6	3
36	Step Towards Pervasive Technology Assessment in Intensive Medicine. , 2020, , 213-229.		0

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37	A Multiplatform Decision Support Tool in Neonatology and Pediatric Care. , 2020, , 569-577.		0
38	Clinical Decision Support Using Open Data. Advances in Intelligent Systems and Computing, 2020, , 484-492.	0.6	0
39	Review of Trends in Automatic Human Activity Recognition in Vehicle Based in Synthetic Data. Lecture Notes in Computer Science, 2020, , 368-376.	1.3	1
40	Data Quality and Critical Events in Ventilation. , 2020, , 112-121.		0
41	Applied Pervasive Patient Timeline in Intensive Care Units. , 2020, , 567-579.		0
42	Intelligent Nutrition in Healthcare and Continuous Care. , 2019, , .		2
43	A Proof of Concept of a Mobile Health Application to Support Professionals in a Portuguese Nursing Home. Sensors, 2019, 19, 3951.	3.8	9
44	Predicting Low Birth Weight Babies Through Data Mining. Advances in Intelligent Systems and Computing, 2019, , 568-577.	0.6	11
45	A data mining approach to classify serum creatinine values in patients undergoing continuous ambulatory peritoneal dialysis. Wireless Networks, 2019, , 1.	3.0	8
46	Improving Healthcare Delivery with New Interactive Visualization Methods. Advances in Intelligent Systems and Computing, 2019, , 537-546.	0.6	3
47	Steps Towards Online Monitoring Systems and Interoperability. Advances in Intelligent Systems and Computing, 2019, , 527-536.	0.6	0
48	Predicting the Length of Hospital Stay After Surgery for Perforated Peptic Ulcer. Advances in Intelligent Systems and Computing, 2019, , 569-579.	0.6	1
49	Predicting Postoperative Complications for Gastric Cancer Patients Using Data Mining. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 37-46.	0.3	2
50	Predicting Death and Morbidity in Perforated Peptic Ulcer. Advances in Intelligent Systems and Computing, 2019, , 558-568.	0.6	0
51	Application of Data Mining for the Prediction of Mortality and Occurrence of Complications for Gastric Cancer Patients. Entropy, 2019, 21, 1163.	2.2	29
52	A Comparative Study of Optical Character Recognition in Health Information System. , 2019, , .		8
53	Prediction of mortality and occurrence of complications for gastric cancer patients. , 2019, , .		0
54	Mobile Collaborative Augmented Reality and Business Intelligence: A System to Support Elderly Peopleâ€™s Self-care. Advances in Intelligent Systems and Computing, 2018, , 195-204.	0.6	11

#	Article	IF	Citations
55	New Approach to an openEHR Introduction in a Portuguese Healthcare Facility. Advances in Intelligent Systems and Computing, 2018, , 205-211.	0.6	8
56	Step Towards Interoperability in Nursing Practice. International Journal of Public Health Management and Ethics, 2018, 3, 26-37.	0.2	5
57	Step Towards Progressive Web Development in Obstetrics. Procedia Computer Science, 2018, 141, 525-530.	2.0	3
58	Data Mining for Prediction of Length of Stay of Cardiovascular Accident Inpatients. Communications in Computer and Information Science, 2018, , 516-527.	0.5	6
59	Waiting Time Screening in Healthcare. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 124-131.	0.3	1
60	Predictive Data Mining in Nutrition Therapy. , 2018, , .		3
61	A Case-Based Reasoning Approach to GBM Evolution. Lecture Notes in Computer Science, 2018, , 489-498.	1.3	0
62	A Deep-Big Data Approach to Health Care in the AI Age. Mobile Networks and Applications, 2018, 23, 1123-1128.	3.3	23
63	Kidney Careâ€"A Personal Assistant Assessment. Intelligent Systems Reference Library, 2018, , 37-54.	1.2	2
64	Pervasive Business Intelligence Platform to Support the Decision-Making Process in Waiting Lists. Advances in Medical Technologies and Clinical Practice Book Series, 2018, , 186-202.	0.3	6
65	Step Towards a Pervasive Data System for Intensive Care Medicine. Advances in Intelligent Systems and Computing, 2018, , 352-362.	0.6	0
66	Real-Time Healthcare Intelligence in Organ Transplantation. Advances in Medical Technologies and Clinical Practice Book Series, 2018, , 128-152.	0.3	0
67	Pervasive Business Intelligence in Misericordias â€“ A Portuguese Case Study. Communications in Computer and Information Science, 2018, , 93-106.	0.5	1
68	A Data Warehouse Schema to Support Financial Process in Local eGov. Advances in Intelligent Systems and Computing, 2017, , 360-366.	0.6	0
69	An Agent-Based RFID Monitoring System for Healthcare. Advances in Intelligent Systems and Computing, 2017, , 407-416.	0.6	6
70	Pervasiveness in Digital Marketing â€“ A Global Overview. Advances in Intelligent Systems and Computing, 2017, , 391-398.	0.6	3
71	A Case-Based Approach to Colorectal Cancer Detection. Lecture Notes in Electrical Engineering, 2017, , 433-442.	0.4	2
72	Predicting the need of Neonatal Resuscitation using Data Mining. Procedia Computer Science, 2017, 113, 571-576.	2.0	17

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73	Step Towards Prediction of Perineal Tear. Procedia Computer Science, 2017, 113, 565-570.	2.0	3
74	Improving Nursing Practice through Interoperability and Intelligence. , 2017, , .		3
75	Business Intelligence for Cardiovascular Disease Assessment. , 2017, , .		0
76	Clinical Intelligence: A study on Corneal Transplantation. Procedia Computer Science, 2017, 121, 252-259.	2.0	2
77	Knowledge Discovery from Surgical Waiting lists. Procedia Computer Science, 2017, 121, 1104-1111.	2.0	13
78	A Data Mining Approach for Cardiovascular Diagnosis. Open Computer Science, 2017, 7, 36-40.	1.7	6
79	Continuous Ambulatory Peritoneal Dialysis: Business Intelligence Applied to Patient Monitoring: CAPD Study and Statistics. , 2017, , .		0
80	Improving Maternity Care with Business Intelligence. , 2017, , .		2
81	Patientsâ€™ Admissions in Intensive Care Units: A Clustering Overview. Information (Switzerland), 2017, 8, 23.	2.9	6
82	Machine Learning in Nutritional Follow-up Research. Open Computer Science, 2017, 7, 41-45.	1.7	15
83	Categorize Readmitted Patients in Intensive Medicine by Means of Clustering Data Mining. International Journal of E-Health and Medical Communications, 2017, 8, 22-37.	1.6	7
84	An online-processing critical patient monitoring system- an interoperability overview. Computer Science and Information Systems, 2017, 14, 491-515.	1.0	1
85	An Ontology for Mapping Cerebral Death. Advances in Intelligent Systems and Computing, 2017, , 305-311.	0.6	0
86	Improving Quality of Services in Maternity Care Triage System. , 2017, , 840-859.		0
87	Text Mining Models to Predict Brain Deaths Using X-Rays Clinical Notes. Lecture Notes in Computer Science, 2017, , 153-163.	1.3	1
88	A Pervasive Business Intelligence Solution to Manage Portuguese Misericordia. , 2017, , .		1
89	Predict hourly patient discharge probability in Intensive Care Units using Data Mining. Indian Journal of Science and Technology, 2016, 8, .	0.7	10
90	DATA MINING TO PREDICT THE USE OF VASOPRESSORS IN INTENSIVE MEDICINE PATIENTS. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	6

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91	A Benchmarking Analysis of Open-Source Business Intelligence Tools in Healthcare Environments. Information (Switzerland), 2016, 7, 57.	2.9	29
92	Patients' Admissions in Intensive Care Units: A Clustering Overview. , 2016, , .		0
93	Towards of Automatically Detecting Brain Death Patterns through Text Mining. , 2016, , .		2
94	Optimization Techniques to Detect Early Ventilation Extubation in Intensive Care Units. Advances in Intelligent Systems and Computing, 2016, , 599-608.	0.6	2
95	Pervasive Patient Timeline for Intensive Care Units. Advances in Intelligent Systems and Computing, 2016, , 527-536.	0.6	5
96	Towards of a Business Intelligence Platform to Portuguese MisericÃ³rdias. Procedia Computer Science, 2016, 100, 762-767.	2.0	8
97	Resurgery Clusters in Intensive Medicine. Procedia Computer Science, 2016, 98, 528-533.	2.0	0
98	Pervasive Business Intelligence: A New Trend in Critical Healthcare. Procedia Computer Science, 2016, 98, 362-367.	2.0	11
99	ISAHealth 2016 Preface. , 2016, , .		0
100	Pervasive Adaptive Data Acquisition Gateway for Critical Healthcare. Advances in Intelligent Systems and Computing, 2016, , 567-576.	0.6	0
101	Critical Events in Mechanically Ventilated Patients. Advances in Intelligent Systems and Computing, 2016, , 589-598.	0.6	4
102	Screening a Case Base for Stroke Disease Detection. Lecture Notes in Computer Science, 2016, , 3-13.	1.3	1
103	A Case-Based Approach to Nosocomial Infection Detection. Lecture Notes in Computer Science, 2016, , 159-168.	1.3	1
104	Predicting Pre-triage Waiting Time in a Maternity Emergency Room Through Data Mining. Lecture Notes in Computer Science, 2016, , 105-117.	1.3	4
105	Real-Time Models to Predict the Use of Vasopressors in Monitored Patients. Lecture Notes in Computer Science, 2016, , 15-25.	1.3	2
106	A Case Based Approach to Assess Waiting Time Prediction at an Intensive Care Unity. Advances in Intelligent Systems and Computing, 2016, , 29-39.	0.6	9
107	Prediction of Length of Hospital Stay in Preterm Infants a Case-Based Reasoning View. Smart Innovation, Systems and Technologies, 2016, , 115-128.	0.6	0
108	A Clinical Recommendation System to Maternity Care. Advances in Bioinformatics and Biomedical Engineering Book Series, 2016, , 64-83.	0.4	4

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109	A Multiplatform Decision Support Tool in Neonatology and Pediatric Care. Advances in Bioinformatics and Biomedical Engineering Book Series, 2016, , 272-283.	0.4	2
110	Step Towards a Patient Timeline in Intensive Care Units. Procedia Computer Science, 2015, 64, 618-625.	2.0	6
111	Step towards Multiplatform Framework for Supporting Pediatric and Neonatology Care Unit Decision Process. Procedia Computer Science, 2015, 63, 561-568.	2.0	2
112	Intelligent Decision Support to Predict Patient Barotrauma Risk in Intensive Care Units. Procedia Computer Science, 2015, 64, 626-634.	2.0	4
113	Abstract Computation in Schizophrenia Detection through Artificial Neural Network Based Systems. Scientific World Journal, The, 2015, 2015, 1-10.	2.1	6
114	Improving Quality of Services in Maternity Care Triage System. International Journal of E-Health and Medical Communications, 2015, 6, 10-26.	1.6	8
115	Predicting Nosocomial Infection by Using Data Mining Technologies. Advances in Intelligent Systems and Computing, 2015, , 189-198.	0.6	8
116	Improving Quality of Medical Service with Mobile Health Software. Procedia Computer Science, 2015, 63, 292-299.	2.0	14
117	Predicting Type of Delivery by Identification of Obstetric Risk Factors through Data Mining. Procedia Computer Science, 2015, 64, 601-609.	2.0	34
118	Big Data for Stock Market by Means of Mining Techniques. Advances in Intelligent Systems and Computing, 2015, , 679-688.	0.6	3
119	Artificial neural networks in diabetes control. , 2015, , .		45
120	Clustering Barotrauma Patients in ICUâ€“A Data Mining Based Approach Using Ventilator Variables. Lecture Notes in Computer Science, 2015, , 122-127.	1.3	2
121	A Soft Computing Approach to Kidney Diseases Evaluation. Journal of Medical Systems, 2015, 39, 131.	3.6	25
122	Decision Support in E-Government â€“ A Pervasive Business Intelligence Approach. Advances in Intelligent Systems and Computing, 2015, , 155-166.	0.6	7
123	Predicting Plateau Pressure in Intensive Medicine for Ventilated Patients. Advances in Intelligent Systems and Computing, 2015, , 179-188.	0.6	7
124	Information Systems Assessment in Pathologic Anatomy Service. Advances in Intelligent Systems and Computing, 2015, , 199-209.	0.6	6
125	Artificial Neural Networks in Diagnosis of Liver Diseases. Lecture Notes in Computer Science, 2015, , 71-80.	1.3	4
126	Predicting Preterm Birth in Maternity Care by Means of Data Mining. Lecture Notes in Computer Science, 2015, , 116-121.	1.3	1

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127	Real-Time Decision Support Using Data Mining to Predict Blood Pressure Critical Events in Intensive Medicine Patients. Lecture Notes in Computer Science, 2015, , 77-90.	1.3	9
128	A Real-Time Intelligent System for Tracking Patient Condition. Lecture Notes in Computer Science, 2015, , 91-97.	1.3	9
129	International Standard ISO 9001 â€“ A Soft Computing View. Lecture Notes in Business Information Processing, 2015, , 153-167.	1.0	1
130	Knowledge Acquisition Process for Intelligent Decision Support in Critical Health Care. , 2015, , 270-284.		4
131	Predicting the Risk Associated to Pregnancy using Data Mining. , 2015, , .		6
132	Towards an Ontology for Health Complaints Management. , 2015, , .		4
133	Business Intelligence and Nosocomial Infection Decision Making. Advances in Business Strategy and Competitive Advantage Book Series, 2015, , 193-215.	0.3	3
134	A Preventive Action Management Platform in Healthcare Information Systems. , 2015, , 447-460.		0
135	An Assessment of Chronic Kidney Diseases. Advances in Intelligent Systems and Computing, 2015, , 179-191.	0.6	0
136	International Standard ISO 9001 an Artificial Intelligence View. , 2015, , .		1
137	Pre-Triage Decision Support Improvement in Maternity Care by Means of Data Mining. Advances in Business Strategy and Competitive Advantage Book Series, 2015, , 175-192.	0.3	1
138	The Next Generation of Interoperability Agents in Healthcare. International Journal of Environmental Research and Public Health, 2014, 11, 5349-5371.	2.6	65
139	Real-Time Predictive Analytics for Sepsis Level and Therapeutic Plans in Intensive Care Medicine. International Journal of Healthcare Information Systems and Informatics, 2014, 9, 36-54.	0.9	4
140	Assessment of Technology Acceptance in Intensive Care Units. International Journal of Systems and Service-Oriented Engineering, 2014, 4, 26-45.	0.6	4
141	Healthcare Interoperability through Intelligent Agent Technology. Procedia Technology, 2014, 16, 1334-1341.	1.1	24
142	Real-time Business Intelligence platform to maternity care. , 2014, , .		8
143	Business intelligence in maternity care. , 2014, , .		7
144	A Clustering Approach for Predicting Readmissions in Intensive Medicine. Procedia Technology, 2014, 16, 1307-1316.	1.1	32

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145	Predictive Models for Hospital Bed Management Using Data Mining Techniques. Advances in Intelligent Systems and Computing, 2014, , 407-416.	0.6	6
146	Preventing patient Cardiac Arrhythmias by using data mining techniques. , 2014, , .		14
147	Improving Quality of Electronic Health Records with SNOMED. Procedia Technology, 2014, 16, 1342-1350.	1.1	18
148	Managing Voluntary Interruption of Pregnancy Using Data Mining. Procedia Technology, 2014, 16, 1297-1306.	1.1	9
149	Improving High Availability and Reliability of Health Interoperability Systems. Advances in Intelligent Systems and Computing, 2014, , 207-216.	0.6	15
150	A Multi-agent Platform for Hospital Interoperability. Advances in Intelligent Systems and Computing, 2014, , 127-134.	0.6	7
151	Pervasive and Intelligent Decision Support in Intensive Medicine â€“ The Complete Picture. Lecture Notes in Computer Science, 2014, , 87-102.	1.3	42
152	Real-Time Data Mining Models for Predicting Length of Stay in Intensive Care Units. , 2014, , .		9
153	Intelligent Systems for Monitoring and Prevention in Healthcare Information Systems. Lecture Notes in Computer Science, 2014, , 197-211.	1.3	2
154	Interoperability in Healthcare. Advances in Healthcare Information Systems and Administration Book Series, 2014, , 78-101.	0.2	5
155	A Pervasive Intelligent System for Scoring MEWS and TISS-28 in Intensive Care. IFMBE Proceedings, 2014, , 287-290.	0.3	0
156	The Impact of Mobile Platforms in Obstetrics. Procedia Technology, 2013, 9, 1201-1208.	1.1	7
157	Tracking People and Equipment Simulation inside Healthcare Units. Advances in Intelligent Systems and Computing, 2013, , 9-16.	0.6	0
158	Adoption of Pervasive Intelligent Information Systems in Intensive Medicine. Procedia Technology, 2013, 9, 1022-1032.	1.1	9
159	Step Towards m-Health in Pediatrics. Procedia Technology, 2013, 9, 1192-1200.	1.1	3
160	Extending a patient monitoring system with identification and localisation. , 2013, , .		2
161	An intelligent approach for open clinical laboratory results in Intensive Care medicine. , 2013, , .		0
162	Analysis of cross-platform development frameworks for a smartphone pediatric application. , 2013, , .		1

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163	Stand-alone electronic health record. , 2013, , .		5
164	Implementing a Pervasive Real-Time Intelligent System for Tracking Critical Events with Intensive Care Patients. International Journal of Healthcare Information Systems and Informatics, 2013, 8, 1-16.	0.9	12
165	A Preventive Action Management Platform in Healthcare Information Systems. International Journal of Reliable and Quality E-Healthcare, 2013, 2, 16-29.	1.1	2
166	Modeling Intelligent Agents to Integrate a Patient Monitoring System. Advances in Intelligent Systems and Computing, 2013, , 139-146.	0.6	5
167	Intelligent Information System to Tracking Patients in Intensive Care Units. Lecture Notes in Computer Science, 2013, , 54-61.	1.3	3
168	Predict Sepsis Level in Intensive Medicine â€“ Data Mining Approach. Advances in Intelligent Systems and Computing, 2013, , 201-211.	0.6	7
169	Step towards Paper Free Hospital through Electronic Health Record. Advances in Intelligent Systems and Computing, 2013, , 685-694.	0.6	5
170	SWOT Analysis of a Portuguese Electronic Health Record. IFIP Advances in Information and Communication Technology, 2013, , 169-177.	0.7	9
171	Pervasive and Intelligent Decision Support in Critical Health Care Using Ensembles. Lecture Notes in Computer Science, 2013, , 1-16.	1.3	21
172	Pervasive Ensemble Data Mining Models to Predict Organ Failure and Patient Outcome in Intensive Medicine. Communications in Computer and Information Science, 2013, , 410-425.	0.5	1
173	Knowledge Acquisition Process for Intelligent Decision Support in Critical Health Care. , 2013, , 55-68.		7
174	Grid Data Mining Strategies for Outcome Prediction in Distributed Intensive Care Units. , 2013, , 87-101.		0
175	Prediction of the quality of public water supply using artificial neural networks. Journal of Water Supply: Research and Technology - AQUA, 2012, 61, 446-459.	1.4	36
176	Intelligence in Interoperability with AIDA. Lecture Notes in Computer Science, 2012, , 264-273.	1.3	40
177	Usability of an electronic health record. , 2012, , .		14
178	Usability evaluation of Electronic Health Record. , 2012, , .		6
179	Monitoring intelligent system for the Intensive Care Unit using RFID and multi-agent systems. , 2012, , .		9
180	Intelligent Data Acquisition and Scoring System for Intensive Medicine. Lecture Notes in Computer Science, 2012, , 1-15.	1.3	11

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181	Intelligent and Real Time Data Acquisition and Evaluation to Determine Critical Events in Intensive Medicine. Procedia Technology, 2012, 5, 716-724.	1.1	11
182	Multi-agent Systems for HL7 Interoperability Services. Procedia Technology, 2012, 5, 725-733.	1.1	14
183	ScheduleITâ€“Open-Source Preventive Actions Management Plataform in Healthcare Information Systems. Procedia Technology, 2012, 5, 734-742.	1.1	3
184	Step towards fault forecasting in hospital information systems. , 2012, , .		0
185	Intelligent systems based in hospital database malfunction scenarios. , 2012, , .		1
186	Hospital database workload and fault forecasting. , 2012, , .		3
187	Agent based interoperability in hospital information systems. , 2012, , .		4
188	Evolutionary intelligence in asphalt pavement modeling and quality-of-information. Progress in Artificial Intelligence, 2012, 1, 119-135.	2.4	13
189	An Intelligent Patient Monitoring System. Lecture Notes in Computer Science, 2012, , 274-283.	1.3	4
190	Water quality modeling using artificial intelligence-based tools. International Journal of Design and Nature and Ecodynamics, 2012, 7, 300-309.	0.5	7
191	Prediction of water quality parameters in a reservoir using artificial neural networks. International Journal of Design and Nature and Ecodynamics, 2012, 7, 310-319.	0.5	3
192	Electronic Health Record in Dermatology Service. Communications in Computer and Information Science, 2011, , 156-164.	0.5	27
193	Data Acquisition Process for an Intelligent Decision Support in Gynecology and Obstetrics Emergency Triage. Communications in Computer and Information Science, 2011, , 223-232.	0.5	8
194	Enabling a Pervasive Approach for Intelligent Decision Support in Critical Health Care. Communications in Computer and Information Science, 2011, , 233-243.	0.5	27
195	Quality of service in healthcare units. International Journal of Computer Aided Engineering and Technology, 2010, 2, 436.	0.2	46
196	Handling incomplete information in an evolutionary environment. , 2010, , .		1
197	Data Quality Evaluation of Electronic Health Records in the Hospital Admission Process. , 2010, , .		27
198	Modelling Intelligent Behaviours in Multi-agent Based HL7 Services. Studies in Computational Intelligence, 2010, , 95-106.	0.9	11

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199	Electronic Health Records in the Emergency Room. , 2010, , .		9
200	The Inference Process with Quality Evaluation in Healthcare Environments. , 2010, , .		0
201	A Step towards Medical Ethics Modeling. International Federation for Information Processing, 2010, , 27-36.	0.4	0
202	Morality in Group Decision Support Systems in Medicine. Studies in Computational Intelligence, 2010, , 191-200.	0.9	3
203	Modeling Medical Ethics through Intelligent Agents. IFIP Advances in Information and Communication Technology, 2009, , 112-122.	0.7	6
204	AN AGENT-BASED ARCHITECTURE FOR CANCER STAGING. , 2009, , .		0
205	INTELLIPave - Considering Aside Failure Criteria And Unknown Variables In Evolutionary Intelligence Based Models For Asphalt Pavement. , 2009, , .		3
206	Clustering-based Approach for Categorizing Pregnant Women in Obstetrics and Maternity Care. , 2008, , .		2
207	An Agent Based Approach to the Selection Dilemma in CBR. Studies in Computational Intelligence, 2008, , 35-44.	0.9	2
208	A Group Decision Support System for Staging of Cancer. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2008, , 114-121.	0.3	7
209	Ambient Intelligence and Simulation in Health Care Virtual Scenarios. , 2007, , 461-468.		12
210	The Halt Condition in Genetic Programming. , 2007, , 160-169.		53
211	Ambient intelligence in medicine. , 2006, , .		16
212	Legal Security and Credibility in Agent Based Virtual Enterprises. , 2005, , 503-512.		9
213	A Computational Environment For Building Intelligent Medical Diagnosis Based Systems. , 2003, , 149-161.		0
214	Interoperability in Healthcare. , 0, , 689-714.		10