

Antônio Da Silva Abelha

List of Publications by Year in descending order

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214
papers

1,580
citations

471509

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h-index

526287

27
g-index

224
all docs

224
docs citations

224
times ranked

691
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | The Next Generation of Interoperability Agents in Healthcare. International Journal of Environmental Research and Public Health, 2014, 11, 5349-5371. | 2.6 | 65 |
| 2 | The Halt Condition in Genetic Programming. , 2007, , 160-169. | | 53 |
| 3 | Quality of service in healthcare units. International Journal of Computer Aided Engineering and Technology, 2010, 2, 436. | 0.2 | 46 |
| 4 | Artificial neural networks in diabetes control. , 2015, , . | | 45 |
| 5 | Recommendation System Using Autoencoders. Applied Sciences (Switzerland), 2020, 10, 5510. | 2.5 | 43 |
| 6 | Pervasive and Intelligent Decision Support in Intensive Medicine – The Complete Picture. Lecture Notes in Computer Science, 2014, , 87-102. | 1.3 | 42 |
| 7 | Intelligence in Interoperability with AIDA. Lecture Notes in Computer Science, 2012, , 264-273. | 1.3 | 40 |
| 8 | 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 |
| 9 | Data Mining for Cardiovascular Disease Prediction. Journal of Medical Systems, 2021, 45, 6. | 3.6 | 36 |
| 10 | Predicting Type of Delivery by Identification of Obstetric Risk Factors through Data Mining. Procedia Computer Science, 2015, 64, 601-609. | 2.0 | 34 |
| 11 | A Clustering Approach for Predicting Readmissions in Intensive Medicine. Procedia Technology, 2014, 16, 1307-1316. | 1.1 | 32 |
| 12 | A Benchmarking Analysis of Open-Source Business Intelligence Tools in Healthcare Environments. Information (Switzerland), 2016, 7, 57. | 2.9 | 29 |
| 13 | Application of Data Mining for the Prediction of Mortality and Occurrence of Complications for Gastric Cancer Patients. Entropy, 2019, 21, 1163. | 2.2 | 29 |
| 14 | Data Quality Evaluation of Electronic Health Records in the Hospital Admission Process. , 2010, , . | | 27 |
| 15 | Electronic Health Record in Dermatology Service. Communications in Computer and Information Science, 2011, , 156-164. | 0.5 | 27 |
| 16 | Enabling a Pervasive Approach for Intelligent Decision Support in Critical Health Care. Communications in Computer and Information Science, 2011, , 233-243. | 0.5 | 27 |
| 17 | A Soft Computing Approach to Kidney Diseases Evaluation. Journal of Medical Systems, 2015, 39, 131. | 3.6 | 25 |
| 18 | Healthcare Interoperability through Intelligent Agent Technology. Procedia Technology, 2014, 16, 1334-1341. | 1.1 | 24 |

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| 19 | A Deep-Big Data Approach to Health Care in the AI Age. Mobile Networks and Applications, 2018, 23, 1123-1128. | 3.3 | 23 |
| 20 | Pervasive and Intelligent Decision Support in Critical Health Care Using Ensembles. Lecture Notes in Computer Science, 2013, , 1-16. | 1.3 | 21 |
| 21 | Improving Quality of Electronic Health Records with SNOMED. Procedia Technology, 2014, 16, 1342-1350. | 1.1 | 18 |
| 22 | Predicting the need of Neonatal Resuscitation using Data Mining. Procedia Computer Science, 2017, 113, 571-576. | 2.0 | 17 |
| 23 | Ambient intelligence in medicine. , 2006, , . | | 16 |
| 24 | An OpenEHR Adoption in a Portuguese Healthcare Facility. Procedia Computer Science, 2020, 170, 1047-1052. | 2.0 | 16 |
| 25 | Machine Learning in Nutritional Follow-up Research. Open Computer Science, 2017, 7, 41-45. | 1.7 | 15 |
| 26 | Improving High Availability and Reliability of Health Interoperability Systems. Advances in Intelligent Systems and Computing, 2014, , 207-216. | 0.6 | 15 |
| 27 | Usability of an electronic health record. , 2012, , . | | 14 |
| 28 | Multi-agent Systems for HL7 Interoperability Services. Procedia Technology, 2012, 5, 725-733. | 1.1 | 14 |
| 29 | Preventing patient Cardiac Arrhythmias by using data mining techniques. , 2014, , . | | 14 |
| 30 | Improving Quality of Medical Service with Mobile Health Software. Procedia Computer Science, 2015, 63, 292-299. | 2.0 | 14 |
| 31 | Evolutionary intelligence in asphalt pavement modeling and quality-of-information. Progress in Artificial Intelligence, 2012, 1, 119-135. | 2.4 | 13 |
| 32 | Knowledge Discovery from Surgical Waiting lists. Procedia Computer Science, 2017, 121, 1104-1111. | 2.0 | 13 |
| 33 | 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 |
| 34 | Management of a Pandemic Based on an openEHR approach. Procedia Computer Science, 2020, 177, 522-527. | 2.0 | 12 |
| 35 | Ambient Intelligence and Simulation in Health Care Virtual Scenarios. , 2007, , 461-468. | | 12 |
| 36 | Modelling Intelligent Behaviours in Multi-agent Based HL7 Services. Studies in Computational Intelligence, 2010, , 95-106. | 0.9 | 11 |

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| 37 | Intelligent Data Acquisition and Scoring System for Intensive Medicine. Lecture Notes in Computer Science, 2012, , 1-15. | 1.3 | 11 |
| 38 | Intelligent and Real Time Data Acquisition and Evaluation to Determine Critical Events in Intensive Medicine. Procedia Technology, 2012, 5, 716-724. | 1.1 | 11 |
| 39 | Pervasive Business Intelligence: A New Trend in Critical Healthcare. Procedia Computer Science, 2016, 98, 362-367. | 2.0 | 11 |
| 40 | Mobile Collaborative Augmented Reality and Business Intelligence: A System to Support Elderly People's Self-care. Advances in Intelligent Systems and Computing, 2018, , 195-204. | 0.6 | 11 |
| 41 | Predicting Low Birth Weight Babies Through Data Mining. Advances in Intelligent Systems and Computing, 2019, , 568-577. | 0.6 | 11 |
| 42 | Predict hourly patient discharge probability in Intensive Care Units using Data Mining. Indian Journal of Science and Technology, 2016, 8, . | 0.7 | 10 |
| 43 | Interoperability in Healthcare. , 0, , 689-714. | | 10 |
| 44 | Electronic Health Records in the Emergency Room. , 2010, , . | | 9 |
| 45 | Monitoring intelligent system for the Intensive Care Unit using RFID and multi-agent systems. , 2012, , . | | 9 |
| 46 | Adoption of Pervasive Intelligent Information Systems in Intensive Medicine. Procedia Technology, 2013, 9, 1022-1032. | 1.1 | 9 |
| 47 | Managing Voluntary Interruption of Pregnancy Using Data Mining. Procedia Technology, 2014, 16, 1297-1306. | 1.1 | 9 |
| 48 | A Proof of Concept of a Mobile Health Application to Support Professionals in a Portuguese Nursing Home. Sensors, 2019, 19, 3951. | 3.8 | 9 |
| 49 | OpenEHR modeling: improving clinical records during the COVID-19 pandemic. Health and Technology, 2021, 11, 1109-1118. | 3.6 | 9 |
| 50 | Legal Security and Credibility in Agent Based Virtual Enterprises. , 2005, , 503-512. | | 9 |
| 51 | 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 |
| 52 | A Real-Time Intelligent System for Tracking Patient Condition. Lecture Notes in Computer Science, 2015, , 91-97. | 1.3 | 9 |
| 53 | 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 |
| 54 | SWOT Analysis of a Portuguese Electronic Health Record. IFIP Advances in Information and Communication Technology, 2013, , 169-177. | 0.7 | 9 |

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| 55 | Real-Time Data Mining Models for Predicting Length of Stay in Intensive Care Units. , 2014, , . | | 9 |
| 56 | Real-time Business Intelligence platform to maternity care. , 2014, , . | | 8 |
| 57 | Improving Quality of Services in Maternity Care Triage System. International Journal of E-Health and Medical Communications, 2015, 6, 10-26. | 1.6 | 8 |
| 58 | Predicting Nosocomial Infection by Using Data Mining Technologies. Advances in Intelligent Systems and Computing, 2015, , 189-198. | 0.6 | 8 |
| 59 | Towards of a Business Intelligence Platform to Portuguese Miseric3rdias. Procedia Computer Science, 2016, 100, 762-767. | 2.0 | 8 |
| 60 | New Approach to an openEHR Introduction in a Portuguese Healthcare Facility. Advances in Intelligent Systems and Computing, 2018, , 205-211. | 0.6 | 8 |
| 61 | A data mining approach to classify serum creatinine values in patients undergoing continuous ambulatory peritoneal dialysis. Wireless Networks, 2019, , 1. | 3.0 | 8 |
| 62 | A Comparative Study of Optical Character Recognition in Health Information System. , 2019, , . | | 8 |
| 63 | Hierarchical Temporal Memory Theory Approach to Stock Market Time Series Forecasting. Electronics (Switzerland), 2021, 10, 1630. | 3.1 | 8 |
| 64 | 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 |
| 65 | The Impact of Mobile Platforms in Obstetrics. Procedia Technology, 2013, 9, 1201-1208. | 1.1 | 7 |
| 66 | Business intelligence in maternity care. , 2014, , . | | 7 |
| 67 | A Multi-agent Platform for Hospital Interoperability. Advances in Intelligent Systems and Computing, 2014, , 127-134. | 0.6 | 7 |
| 68 | Decision Support in E-Government 3c3c A Pervasive Business Intelligence Approach. Advances in Intelligent Systems and Computing, 2015, , 155-166. | 0.6 | 7 |
| 69 | Predicting Plateau Pressure in Intensive Medicine for Ventilated Patients. Advances in Intelligent Systems and Computing, 2015, , 179-188. | 0.6 | 7 |
| 70 | 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 |
| 71 | Predict Sepsis Level in Intensive Medicine 3c3c Data Mining Approach. Advances in Intelligent Systems and Computing, 2013, , 201-211. | 0.6 | 7 |
| 72 | Water quality modeling using artificial intelligence-based tools. International Journal of Design and Nature and Ecodynamics, 2012, 7, 300-309. | 0.5 | 7 |

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| 73 | Knowledge Acquisition Process for Intelligent Decision Support in Critical Health Care. , 2013, , 55-68. | | 7 |
| 74 | 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 |
| 75 | Usability evaluation of Electronic Health Record. , 2012, , . | | 6 |
| 76 | Predictive Models for Hospital Bed Management Using Data Mining Techniques. Advances in Intelligent Systems and Computing, 2014, , 407-416. | 0.6 | 6 |
| 77 | Step Towards a Patient Timeline in Intensive Care Units. Procedia Computer Science, 2015, 64, 618-625. | 2.0 | 6 |
| 78 | Abstract Computation in Schizophrenia Detection through Artificial Neural Network Based Systems. Scientific World Journal, The, 2015, 2015, 1-10. | 2.1 | 6 |
| 79 | DATA MINING TO PREDICT THE USE OF VASOPRESSORS IN INTENSIVE MEDICINE PATIENTS. Jurnal Teknologi (Sciences and Engineering), 2016, 78, . | 0.4 | 6 |
| 80 | An Agent-Based RFID Monitoring System for Healthcare. Advances in Intelligent Systems and Computing, 2017, , 407-416. | 0.6 | 6 |
| 81 | A Data Mining Approach for Cardiovascular Diagnosis. Open Computer Science, 2017, 7, 36-40. | 1.7 | 6 |
| 82 | Patients' Admissions in Intensive Care Units: A Clustering Overview. Information (Switzerland), 2017, 8, 23. | 2.9 | 6 |
| 83 | Data Mining for Prediction of Length of Stay of Cardiovascular Accident Inpatients. Communications in Computer and Information Science, 2018, , 516-527. | 0.5 | 6 |
| 84 | 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 |
| 85 | Information Systems Assessment in Pathologic Anatomy Service. Advances in Intelligent Systems and Computing, 2015, , 199-209. | 0.6 | 6 |
| 86 | Modeling Medical Ethics through Intelligent Agents. IFIP Advances in Information and Communication Technology, 2009, , 112-122. | 0.7 | 6 |
| 87 | 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 |
| 88 | Predicting the Risk Associated to Pregnancy using Data Mining. , 2015, , . | | 6 |
| 89 | Stand-alone electronic health record. , 2013, , . | | 5 |
| 90 | Pervasive Patient Timeline for Intensive Care Units. Advances in Intelligent Systems and Computing, 2016, , 527-536. | 0.6 | 5 |

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| 91 | Step Towards Interoperability in Nursing Practice. International Journal of Public Health Management and Ethics, 2018, 3, 26-37. | 0.2 | 5 |
| 92 | Data Mining to Predict Early Stage Chronic Kidney Disease. Procedia Computer Science, 2020, 177, 562-567. | 2.0 | 5 |
| 93 | Modeling Intelligent Agents to Integrate a Patient Monitoring System. Advances in Intelligent Systems and Computing, 2013, , 139-146. | 0.6 | 5 |
| 94 | Step towards Paper Free Hospital through Electronic Health Record. Advances in Intelligent Systems and Computing, 2013, , 685-694. | 0.6 | 5 |
| 95 | Interoperability in Healthcare. Advances in Healthcare Information Systems and Administration Book Series, 2014, , 78-101. | 0.2 | 5 |
| 96 | Agent based interoperability in hospital information systems. , 2012, , . | | 4 |
| 97 | 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 |
| 98 | Assessment of Technology Acceptance in Intensive Care Units. International Journal of Systems and Service-Oriented Engineering, 2014, 4, 26-45. | 0.6 | 4 |
| 99 | Intelligent Decision Support to Predict Patient Barotrauma Risk in Intensive Care Units. Procedia Computer Science, 2015, 64, 626-634. | 2.0 | 4 |
| 100 | Critical Events in Mechanically Ventilated Patients. Advances in Intelligent Systems and Computing, 2016, , 589-598. | 0.6 | 4 |
| 101 | Steps towards an Healthcare Information Model based on openEHR. Procedia Computer Science, 2021, 184, 893-898. | 2.0 | 4 |
| 102 | Step Towards Monitoring Intelligent Agents in Healthcare Information Systems. Advances in Intelligent Systems and Computing, 2020, , 510-519. | 0.6 | 4 |
| 103 | Artificial Neural Networks in Diagnosis of Liver Diseases. Lecture Notes in Computer Science, 2015, , 71-80. | 1.3 | 4 |
| 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 | An Intelligent Patient Monitoring System. Lecture Notes in Computer Science, 2012, , 274-283. | 1.3 | 4 |
| 106 | Knowledge Acquisition Process for Intelligent Decision Support in Critical Health Care. , 2015, , 270-284. | | 4 |
| 107 | Towards an Ontology for Health Complaints Management. , 2015, , . | | 4 |
| 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 | ScheduleIT – Open-Source Preventive Actions Management Platform in Healthcare Information Systems. <i>Procedia Technology</i> , 2012, 5, 734-742. | 1.1 | 3 |
| 110 | Hospital database workload and fault forecasting. , 2012, , . | | 3 |
| 111 | Step Towards m-Health in Pediatrics. <i>Procedia Technology</i> , 2013, 9, 1192-1200. | 1.1 | 3 |
| 112 | Big Data for Stock Market by Means of Mining Techniques. <i>Advances in Intelligent Systems and Computing</i> , 2015, , 679-688. | 0.6 | 3 |
| 113 | Pervasiveness in Digital Marketing – A Global Overview. <i>Advances in Intelligent Systems and Computing</i> , 2017, , 391-398. | 0.6 | 3 |
| 114 | Step Towards Prediction of Perineal Tear. <i>Procedia Computer Science</i> , 2017, 113, 565-570. | 2.0 | 3 |
| 115 | Improving Nursing Practice through Interoperability and Intelligence. , 2017, , . | | 3 |
| 116 | Step Towards Progressive Web Development in Obstetrics. <i>Procedia Computer Science</i> , 2018, 141, 525-530. | 2.0 | 3 |
| 117 | Predictive Data Mining in Nutrition Therapy. , 2018, , . | | 3 |
| 118 | Improving Healthcare Delivery with New Interactive Visualization Methods. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 537-546. | 0.6 | 3 |
| 119 | Review of Trends in Automatic Human Activity Recognition Using Synthetic Audio-Visual Data. <i>Lecture Notes in Computer Science</i> , 2020, , 549-560. | 1.3 | 3 |
| 120 | Intelligent Information System to Tracking Patients in Intensive Care Units. <i>Lecture Notes in Computer Science</i> , 2013, , 54-61. | 1.3 | 3 |
| 121 | INTELLIPave - Considering Aside Failure Criteria And Unknown Variables In Evolutionary Intelligence Based Models For Asphalt Pavement. , 2009, , . | | 3 |
| 122 | Morality in Group Decision Support Systems in Medicine. <i>Studies in Computational Intelligence</i> , 2010, , 191-200. | 0.9 | 3 |
| 123 | Prediction of water quality parameters in a reservoir using artificial neural networks. <i>International Journal of Design and Nature and Ecodynamics</i> , 2012, 7, 310-319. | 0.5 | 3 |
| 124 | Business Intelligence and Nosocomial Infection Decision Making. <i>Advances in Business Strategy and Competitive Advantage Book Series</i> , 2015, , 193-215. | 0.3 | 3 |
| 125 | Prediction of Length of Stay for Stroke Patients Using Artificial Neural Networks. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 212-221. | 0.6 | 3 |
| 126 | Business Analytics Components for Public Health Institution - Clinical Decision Area. <i>Procedia Computer Science</i> , 2022, 198, 335-340. | 2.0 | 3 |

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| 127 | Clustering-based Approach for Categorizing Pregnant Women in Obstetrics and Maternity Care. , 2008, , , | | 2 |
| 128 | Extending a patient monitoring system with identification and localisation. , 2013, , , | | 2 |
| 129 | A Preventive Action Management Platform in Healthcare Information Systems. International Journal of Reliable and Quality E-Healthcare, 2013, 2, 16-29. | 1.1 | 2 |
| 130 | Step towards Multiplatform Framework for Supporting Pediatric and Neonatology Care Unit Decision Process. Procedia Computer Science, 2015, 63, 561-568. | 2.0 | 2 |
| 131 | Clustering Barotrauma Patients in ICU – A Data Mining Based Approach Using Ventilator Variables. Lecture Notes in Computer Science, 2015, , 122-127. | 1.3 | 2 |
| 132 | Towards of Automatically Detecting Brain Death Patterns through Text Mining. , 2016, , , | | 2 |
| 133 | Optimization Techniques to Detect Early Ventilation Extubation in Intensive Care Units. Advances in Intelligent Systems and Computing, 2016, , 599-608. | 0.6 | 2 |
| 134 | A Case-Based Approach to Colorectal Cancer Detection. Lecture Notes in Electrical Engineering, 2017, , 433-442. | 0.4 | 2 |
| 135 | Clinical Intelligence: A study on Corneal Transplantation. Procedia Computer Science, 2017, 121, 252-259. | 2.0 | 2 |
| 136 | Improving Maternity Care with Business Intelligence. , 2017, , , | | 2 |
| 137 | Intelligent Nutrition in Healthcare and Continuous Care. , 2019, , , | | 2 |
| 138 | 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 |
| 139 | Prediction of Mental Illness Associated with Unemployment Using Data Mining. Procedia Computer Science, 2020, 177, 556-561. | 2.0 | 2 |
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| 143 | 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 |
| 144 | An Exploratory Study of a NoSQL Database for a Clinical Data Repository. Advances in Intelligent Systems and Computing, 2020, , 476-483. | 0.6 | 2 |

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| 145 | Real-Time Models to Predict the Use of Vasopressors in Monitored Patients. Lecture Notes in Computer Science, 2016, , 15-25. | 1.3 | 2 |
| 146 | Kidney Care – A Personal Assistant Assessment. Intelligent Systems Reference Library, 2018, , 37-54. | 1.2 | 2 |
| 147 | An Agent Based Approach to the Selection Dilemma in CBR. Studies in Computational Intelligence, 2008, , 35-44. | 0.9 | 2 |
| 148 | Intelligent Systems for Monitoring and Prevention in Healthcare Information Systems. Lecture Notes in Computer Science, 2014, , 197-211. | 1.3 | 2 |
| 149 | A Multiplatform Decision Support Tool in Neonatology and Pediatric Care. Advances in Bioinformatics and Biomedical Engineering Book Series, 2016, , 272-283. | 0.4 | 2 |
| 150 | Handling incomplete information in an evolutionary environment. , 2010, , . | | 1 |
| 151 | Intelligent systems based in hospital database malfunction scenarios. , 2012, , . | | 1 |
| 152 | Analysis of cross-platform development frameworks for a smartphone pediatric application. , 2013, , . | | 1 |
| 153 | Screening a Case Base for Stroke Disease Detection. Lecture Notes in Computer Science, 2016, , 3-13. | 1.3 | 1 |
| 154 | A Case-Based Approach to Nosocomial Infection Detection. Lecture Notes in Computer Science, 2016, , 159-168. | 1.3 | 1 |
| 155 | Waiting Time Screening in Healthcare. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 124-131. | 0.3 | 1 |
| 156 | Predicting the Length of Hospital Stay After Surgery for Perforated Peptic Ulcer. Advances in Intelligent Systems and Computing, 2019, , 569-579. | 0.6 | 1 |
| 157 | Data Mining Approach to Classify Cases of Lung Cancer. Advances in Intelligent Systems and Computing, 2021, , 511-521. | 0.6 | 1 |
| 158 | How to Assess the Acceptance of an Electronic Health Record System?. Advances in Intelligent Systems and Computing, 2020, , 466-475. | 0.6 | 1 |
| 159 | Predicting Preterm Birth in Maternity Care by Means of Data Mining. Lecture Notes in Computer Science, 2015, , 116-121. | 1.3 | 1 |
| 160 | International Standard ISO 9001 – A Soft Computing View. Lecture Notes in Business Information Processing, 2015, , 153-167. | 1.0 | 1 |
| 161 | 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 |
| 162 | International Standard ISO 9001 an Artificial Intelligence View. , 2015, , . | | 1 |

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| 163 | 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 |
| 164 | An online-processing critical patient monitoring system- an interoperability overview. Computer Science and Information Systems, 2017, 14, 491-515. | 1.0 | 1 |
| 165 | Text Mining Models to Predict Brain Deaths Using X-Rays Clinical Notes. Lecture Notes in Computer Science, 2017, , 153-163. | 1.3 | 1 |
| 166 | A Pervasive Business Intelligence Solution to Manage Portuguese Misericordia. , 2017, , . | | 1 |
| 167 | Pervasive Business Intelligence in Misericordias – A Portuguese Case Study. Communications in Computer and Information Science, 2018, , 93-106. | 0.5 | 1 |
| 168 | Business Analytics for Social Healthcare Institution. Advances in Intelligent Systems and Computing, 2020, , 503-509. | 0.6 | 1 |
| 169 | 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 |
| 170 | The Inference Process with Quality Evaluation in Healthcare Environments. , 2010, , . | | 0 |
| 171 | Step towards fault forecasting in hospital information systems. , 2012, , . | | 0 |
| 172 | Tracking People and Equipment Simulation inside Healthcare Units. Advances in Intelligent Systems and Computing, 2013, , 9-16. | 0.6 | 0 |
| 173 | An intelligent approach for open clinical laboratory results in Intensive Care medicine. , 2013, , . | | 0 |
| 174 | Patients' Admissions in Intensive Care Units: A Clustering Overview. , 2016, , . | | 0 |
| 175 | Resurgery Clusters in Intensive Medicine. Procedia Computer Science, 2016, 98, 528-533. | 2.0 | 0 |
| 176 | ISAHealth 2016 Preface. , 2016, , . | | 0 |
| 177 | Pervasive Adaptive Data Acquisition Gateway for Critical Healthcare. Advances in Intelligent Systems and Computing, 2016, , 567-576. | 0.6 | 0 |
| 178 | A Data Warehouse Schema to Support Financial Process in Local eGov. Advances in Intelligent Systems and Computing, 2017, , 360-366. | 0.6 | 0 |
| 179 | Business Intelligence for Cardiovascular Disease Assessment. , 2017, , . | | 0 |
| 180 | Continuous Ambulatory Peritoneal Dialysis: Business Intelligence Applied to Patient Monitoring: CAPD Study and Statistics. , 2017, , . | | 0 |

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| 181 | A Case-Based Reasoning Approach to GBM Evolution. Lecture Notes in Computer Science, 2018, , 489-498. | 1.3 | 0 |
| 182 | Steps Towards Online Monitoring Systems and Interoperability. Advances in Intelligent Systems and Computing, 2019, , 527-536. | 0.6 | 0 |
| 183 | Predicting Death and Morbidity in Perforated Peptic Ulcer. Advances in Intelligent Systems and Computing, 2019, , 558-568. | 0.6 | 0 |
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| 185 | 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 |
| 186 | Data Mining for the Prediction of Fetal Malformation Through Cardiotocography Data. Advances in Intelligent Systems and Computing, 2021, , 60-69. | 0.6 | 0 |
| 187 | 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 |
| 188 | Integrating a New Generation of Interoperability Agents into the AIDA Platform. Journal of Digital Science, 2021, 3, 54-64. | 0.7 | 0 |
| 189 | Pervasive Business Intelligence Platform to Support the Decision-Making Process in Waiting Lists. , 2021, , 848-863. | | 0 |
| 190 | Improving the Decision-Making Process in a Hospital Environment With New Interactive Visualization Methods. , 2021, , 1001-1014. | | 0 |
| 191 | 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 |
| 192 | A Computational Environment For Building Intelligent Medical Diagnosis Based Systems. , 2003, , 149-161. | | 0 |
| 193 | AN AGENT-BASED ARCHITECTURE FOR CANCER STAGING. , 2009, , . | | 0 |
| 194 | A Step towards Medical Ethics Modeling. International Federation for Information Processing, 2010, , 27-36. | 0.4 | 0 |
| 195 | Grid Data Mining Strategies for Outcome Prediction in Distributed Intensive Care Units. , 2013, , 87-101. | | 0 |
| 196 | A Pervasive Intelligent System for Scoring MEWS and TISS-28 in Intensive Care. IFMBE Proceedings, 2014, , 287-290. | 0.3 | 0 |
| 197 | A Preventive Action Management Platform in Healthcare Information Systems. , 2015, , 447-460. | | 0 |
| 198 | An Assessment of Chronic Kidney Diseases. Advances in Intelligent Systems and Computing, 2015, , 179-191. | 0.6 | 0 |

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| 199 | 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 |
| 200 | An Ontology for Mapping Cerebral Death. Advances in Intelligent Systems and Computing, 2017, , 305-311. | 0.6 | 0 |
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| 202 | Step Towards a Pervasive Data System for Intensive Care Medicine. Advances in Intelligent Systems and Computing, 2018, , 352-362. | 0.6 | 0 |
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