# Jose Aguilar

List of Publications by Year
in descending order



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|---|---|---|---|
| 274 papers | 2,588 citations | 293460 24 h-index | 340414 39 g-index |
| 284 all docs | 284 docs citations | 284 times ranked | 1598 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Autonomous recommender system architecture for virtual learning environments. Applied Computing and Informatics, 2024, 20, 69-88. | 3.7 | 15 |
| 2 | Evaluation of Digital Competence Profiles Using Dialetheic Logic. International Journal of Artificial Intelligence in Education, 2023, 33, 59-87. | 3.9 | 1 |
| 3 | Framework for the adaptation of an autonomous academic recommendation system as a service-oriented architecture. Education and Information Technologies, 2023, 28, 321-341. | 3.5 | 3 |
| 4 | Social learning analytics for determining learning styles in a smart classroom. Interactive Learning Environments, 2022, 30, 245-261. | 4.4 | 23 |
| 5 | An Adaptive System for Emerging Serious Games Using a Swarm Intelligence Algorithm. IEEE Transactions on Games, 2022, 14, 598-609. | 1.2 | 1 |
| 6 | Emergent control in the context of industry 4.0. International Journal of Computer Integrated Manufacturing, 2022, 35, 247-262. | 2.9 | 4 |
| 7 | Ontological engineering for the definition of a COVID-19 pandemic ontology. Informatics in Medicine Unlocked, 2022, 28, 100816. | 1.9 | 6 |
| 8 | Ontological model for the acousticÂmanagement inÂaÂsmart environment. Applied Computing and Informatics, 2022, , . | 3.7 | 0 |
| 9 | An incremental learning approach to prediction models of SEIRD variables in the context of the COVID-19 pandemic. Health and Technology, 2022, 12, 867-877. | 2.1 | 8 |
| 10 | LAMDA-HSCC: A semi-supervised learning algorithm based on the multivariate data analysis. Expert Systems With Applications, 2022, 202, 117479. | 4.4 | 0 |
| 11 | Artificial-intelligence and sensing techniques for the management of insect pests and diseases in cotton: a systematic literature review. Journal of Agricultural Science, 2022, 160, 16-31. | 0.6 | 15 |
| 12 | iKeyCriteria: A Qualitative and Quantitative Analysis Method to Infer Key Criteria since a Systematic Literature Review for the Computing Domain. Data, 2022, 7, 70. | 1.2 | 0 |
| 13 | Autonomous cycles of data analysis tasks for innovation processes in MSMEs. Applied Computing and Informatics, 2022, ahead-of-print, . | 3.7 | 2 |
| 14 | Approaches based on LAMDA control applied to regulate HVAC systems for buildings. Journal of Process Control, 2022, 116, 34-52. | 1.7 | 3 |
| 15 | Metropolis: Emergence in a Serious Game to Enhance the Participation in Smart City Urban Planning. Journal of the Knowledge Economy, 2021, 12, 1594-1617. | 2.7 | 12 |
| 16 | A Cost-Effective Approach for End-to-End QoS Management in NFV-Enabled IoT Platforms. IEEE Internet of Things Journal, 2021, 8, 3885-3903. | 5.5 | 8 |
| 17 | Analysis of the Emotions in a Multi-Robot System in Emergent Contexts. Cybernetics and Systems, 2021, 52, 245-273. | 1.6 | 0 |
| 18 | LAMDA Control Approaches Applied to Trajectory Tracking for Mobile Robots. IEEE Access, 2021, 9, 37179-37195. | 2.6 | 10 |

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| 19 | A Fuzzy Sliding-Mode Control Based on Z-Numbers and LAMDA. IEEE Access, 2021, 9, 117714-117733. | 2.6 | 5 |
| 20 | Affective recommender systems in the educational field. A systematic literature review. Computer Science Review, 2021, 40, 100377. | 10.2 | 23 |
| 21 | Analysis of different affective state multimodal recognition approaches with missing data-oriented to virtual learning environments. Heliyon, 2021, 7, e07253. | 1.4 | 6 |
| 22 | Machine learning models for the prediction of the SEIRD variables for the COVID-19 pandemic based on a deep dependence analysis of variables. Computers in Biology and Medicine, 2021, 134, 104500. | 3.9 | 17 |
| 23 | An intelligent sliding mode controller based on LAMDA for a class of SISO uncertain systems. Information Sciences, 2021, 567, 75-99. | 4.0 | 15 |
| 24 | Multi-Agent Systems for the Management of Resources and Activities in a Smart Classroom. IEEE Latin America Transactions, 2021, 19, 1511-1519. | 1.2 | 7 |
| 25 | Dengue models based on machine learning techniques: A systematic literature review. Artificial Intelligence in Medicine, 2021, 119, 102157. | 3.8 | 31 |
| 26 | A sustainable-development approach for self-adaptive cyberâ€“physical systemâ€™s life cycle: A systematic mapping study. Journal of Systems and Software, 2021, 180, 111010. | 3.3 | 7 |
| 27 | A systematic literature review on the use of artificial intelligence in energy self-management in smart buildings. Renewable and Sustainable Energy Reviews, 2021, 151, 111530. | 8.2 | 90 |
| 28 | Autonomic Management of a Buildingâ€™s Multi-HVAC System Start-Up. IEEE Access, 2021, 9, 70502-70515. | 2.6 | 4 |
| 29 | An automatic approach of audio feature engineering for the extraction, analysis and selection of descriptors. International Journal of Multimedia Information Retrieval, 2021, 10, 33-42. | 3.6 | 9 |
| 30 | Audio Feature Engineering for Occupancy and Activity Estimation in Smart Buildings. Electronics (Switzerland), 2021, 10, 2599. | 1.8 | 1 |
| 31 | Analysis, Evaluation, and Upgrading of a Data Analytics Methodology Through a Qualitative Evaluation Technique and a User-Centered Design Process. Advances in Intelligent Systems and Computing, 2021, , 123-128. | 0.5 | 0 |
| 32 | A Proposal for a Cooperative Cross-Entropy Method to tackle the Unit Commitment Problem. Computers and Industrial Engineering, 2021, , 107764. | 3.4 | 1 |
| 33 | A Meta-Learning Architecture based on Linked Data. , 2021, , . | | 3 |
| 34 | Weight-Identification Model of Cattle Using Machine-Learning Techniques for Anomaly Detection. , 2021, , . | | 4 |
| 35 | Autonomous Cycle of Data Analysis Tasks for Scheduling the Use of Controllable Load Appliances using Renewable Energy. , 2021, , . | | 2 |
| 36 | Applicability of LAMDA as classification model in the oil production. Artificial Intelligence Review, 2020, 53, 2207-2236. | 9.7 | 10 |

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| 37 | LAMDA-HAD, an Extension to the LAMDA Classifier in the Context of Supervised Learning. International Journal of Information Technology and Decision Making, 2020, 19, 283-316. | 2.3 | 11 |
| 38 | A systematic literature review on the use of machine learning in precision livestock farming. Computers and Electronics in Agriculture, 2020, 179, 105826. | 3.7 | 103 |
| 39 | Autonomic computing in manufacturing process coordination in industry 4.0 context. Journal of Industrial Information Integration, 2020, 19, 100159. | 4.3 | 44 |
| 40 | Modeling and control of nonlinear systems using an Adaptive LAMDA approach. Applied Soft Computing Journal, 2020, 95, 106571. | 4.1 | 8 |
| 41 | A methodology for Data Analytic Based on Organizational Characterization through a User-centered Design: A Position Paper. , 2020, , . | | 1 |
| 42 | Towards a tropical automaton product minimizing global completion times. Computational and Applied Mathematics, 2020, 39, 1. | 1.0 | 0 |
| 43 | Middleware MiSCi para Ciudades Inteligentes extendido con Datos Enlazados. DYNA (Colombia), 2020, 87, 229-238. | 0.2 | 0 |
| 44 | Adaptive LAMDA applied to identify and regulate a process with variable dead time. , 2020, , . | | 2 |
| 45 | An Automatic Merge Technique to Improve the Clustering Quality Performed by LAMDA. IEEE Access, 2020, 8, 162917-162944. | 2.6 | 9 |
| 46 | iPlus a User-Centered Methodology for Serious Games Design. Applied Sciences (Switzerland), 2020, 10, 9007. | 1.3 | 19 |
| 47 | Recognition of the Driving Style in Vehicle Drivers. Sensors, 2020, 20, 2597. | 2.1 | 23 |
| 48 | Implementing self-* autonomic properties in self-coordinated manufacturing processes for the Industry 4.0 context. Computers in Industry, 2020, 121, 103247. | 5.7 | 16 |
| 49 | Industry 4.0: survey from a system integration perspective. International Journal of Computer Integrated Manufacturing, 2020, 33, 1017-1041. | 2.9 | 78 |
| 50 | An Autonomic Cycle of Data Analysis Tasks for the Supervision of HVAC Systems of Smart Building. Energies, 2020, 13, 3103. | 1.6 | 15 |
| 51 | Ontological emergence scheme in self-organized and emerging systems. Advanced Engineering Informatics, 2020, 44, 101045. | 4.0 | 7 |
| 52 | Advanced Fuzzy-Logic-Based Context-Driven Control for HVAC Management Systems in Buildings. IEEE Access, 2020, 8, 16111-16126. | 2.6 | 36 |
| 53 | Comparison and Evaluation of Different Methods for the Feature Extraction from Educational Contents. Computation, 2020, 8, 30. | 1.0 | 21 |
| 54 | Performance analysis of the ubiquitous and emergent properties of an autonomic reflective middleware for smart cities. Computing (Vienna/New York), 2020, 102, 2199-2228. | 3.2 | 7 |

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| 55 | Specification of a Managing Agent of Emergent Serious Games for a Smart Classroom. IEEE Latin America Transactions, 2020, 18, 51-58. | 1.2 | 6 |
| 56 | Design and Evaluation of a Virtual Reality Serious Game. Advances in Intelligent Systems and Computing, 2020, , 735-742. | 0.5 | 3 |
| 57 | MIHR: A Human-Robot Interaction Model. IEEE Latin America Transactions, 2020, 18, 1521-1529. | 1.2 | 5 |
| 58 | Distributed Chronicle for the fault diagnosis in Distributed Systems. International Journal of Communication Networks and Distributed Systems, 2020, 24, 1. | 0.3 | 0 |
| 59 | Emotional model for a multi-robot system with emergent behavior. IAES International Journal of Robotics and Automation, 2020, 9, 220. | 0.2 | 0 |
| 60 | Adaptive System for the Generation of Emerging Behaviors in Serious Emerging Games. Computacion Y Sistemas, 2020, 24, . | 0.2 | 2 |
| 61 | An Emerging Serious Game Engine with a Parameter Adaptive System based on an evolutionary approach. , 2020, , . | | 0 |
| 62 | An Ar2p Deep Learning Architecture for the Discovery and the Selection of Features. Neural Processing Letters, 2019, 50, 623-643. | 2.0 | 7 |
| 63 | Determination of Professional Competencies Using an Alignment Algorithm of Academic Profiles and Job Advertisements, Based on Competence Thesauri and Similarity Measures. International Journal of Artificial Intelligence in Education, 2019, 29, 536-567. | 3.9 | 8 |
| 64 | Modeling the process of shaping the public opinion through Multilevel Fuzzy Cognitive Maps. Applied Soft Computing Journal, 2019, 85, 105756. | 4.1 | 18 |
| 65 | Autonomic Management Architecture for Multi-HVAC Systems in Smart Buildings. IEEE Access, 2019, 7, 123402-123415. | 2.6 | 32 |
| 66 | Experimental comparison of the diagnostic capabilities of classification and clustering algorithms for the QoS management in an autonomic IoT platform. Service Oriented Computing and Applications, 2019, 13, 199-219. | 1.3 | 32 |
| 67 | A Control Architecture for Robot Swarms (AMEB). Cybernetics and Systems, 2019, 50, 300-322. | 1.6 | 3 |
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| 69 | A hybrid heuristic algorithm for evolving models in simultaneous scenarios of classification and clustering. Knowledge and Information Systems, 2019, 61, 755-798. | 2.1 | 5 |
| 70 | Developing a Virtual Reality Serious Game to Recreational Therapy Using iPlus Methodology. , 2019, , . | | 5 |
| 71 | Serious Game, Gamified Applications, Educational Software: A Comparative Study. , 2019, , . | | 5 |
| 72 | Study to Infer Key Criteria for the Design of Serious Games. , 2019, , . | | 0 |

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| 73 | An ontological model based on the ontology driven architecture paradigm for a middleware in the management of nano-devices in a smart environment. Journal of Physics: Conference Series, 2019, 1386, 012138. | 0.3 | 1 |
| 74 | Adaptive learning objects in the context of eco-connectivist communities using learning analytics. Heliyon, 2019, 5, e02722. | 1.4 | 4 |
| 75 | An Intelligent Controller based on LAMDA. , 2019, , . | | 5 |
| 76 | Characterization of a Fourth Generation Virtual Organization Based on Industry 4.0. , 2019, , . | | 6 |
| 77 | Using Multilayer Fuzzy Cognitive Maps to diagnose Autism Spectrum Disorder. Applied Soft Computing Journal, 2019, 75, 58-71. | 4.1 | 47 |
| 78 | Towards the Deployment of Machine Learning Solutions in Network Traffic Classification: A Systematic Survey. IEEE Communications Surveys and Tutorials, 2019, 21, 1988-2014. | 24.8 | 204 |
| 79 | An Evolutionary Intelligent Approach for the LTI Systems Identification in Continuous Time. Communications in Computer and Information Science, 2019, , 430-445. | 0.4 | 0 |
| 80 | Linked data and dialetheic logic for localization-aware applications. Contemporary Engineering Sciences, 2019, 12, 103-116. | 0.2 | 2 |
| 81 | An Extension of the MiSCi Middleware for Smart Cities Based on Fog Computing. , 2019, , 778-798. | | 1 |
| 82 | CoordinaciÃ³n emergente en sistemas multi-robots. Revista UIS IngenierÃas, 2019, 18, 75-86. | 0.1 | 0 |
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| 84 | 7. Eco-conectivismo: modelando el conocimiento conectivo. Revista EDUCARE - UPEL-IPB - Segunda Nueva Etapa 2 0, 2019, 23, 158-185. | 0.0 | 0 |
| 85 | Autonomic communication system based on cognitive techniques. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2018, 22, 17-37. | 0.7 | 2 |
| 86 | An Adaptive Intelligent Management System of Advertising for Social Networks: A Case Study of Facebook. IEEE Transactions on Computational Social Systems, 2018, 5, 20-32. | 3.2 | 18 |
| 87 | Knowledge Extraction System from Unstructured Documents. IEEE Latin America Transactions, 2018, 16, 639-646. | 1.2 | 9 |
| 88 | Learning analytics tasks as services in smart classrooms. Universal Access in the Information Society, 2018, 17, 693-709. | 2.1 | 52 |
| 89 | CAMeOnto: Context awareness meta ontology modeling. Applied Computing and Informatics, 2018, 14, 202-213. | 3.7 | 51 |
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| 92 | DiseÃ±o de un motor de juegos serios emergentes basado en el algoritmo de optimizaciÃ³n de colonia de hormigas. DYNA (Colombia), 2018, 85, 311-320. | 0.2 | 6 |
| 93 | Emergence Analysis in a Multi-Robot System. , 2018, , . | | 2 |
| 94 | A parameter tuning approach of the Sliding Mode Control for a Quadcopter based on Genetic Algorithms. , 2018, , . | | 1 |
| 95 | Flyweight Network Functions for Network Slicing in IoT. , 2018, , . | | 4 |
| 96 | Towards the Virtualization of Transport-level Functions and Protocols. , 2018, , . | | 1 |
| 97 | Procedure Based on Semantic Similarity for Merging Ontologies by Non-Redundant Knowledge Enrichment. International Journal of Knowledge Management, 2018, 14, 16-36. | 0.7 | 5 |
| 98 | A novel statistical based feature extraction approach for the inner-class feature estimation using linear regression. , 2018, , . | | 3 |
| 99 | Use of emerging aggregation techniques for the creation of learning communities. , 2018, , . | | 1 |
| 100 | Fog computing for the integration of agents and web services in an autonomic reflexive middleware. Service Oriented Computing and Applications, 2018, 12, 333-347. | 1.3 | 9 |
| 101 | A recursive patterns matching model for the dynamic pattern recognition problem. Applied Artificial Intelligence, 2018, 32, 419-432. | 2.0 | 5 |
| 102 | An approach for the structural learning of chronicles. Contemporary Engineering Sciences, 2018, 11, 793-806. | 0.2 | 1 |
| 103 | Data analysis smart systems in a nanodevices - based middleware. Contemporary Engineering Sciences, 2018, 11, 4665-4679. | 0.2 | 2 |
| 104 | IntegraciÃ³n SOA-MAS en Ambientes Inteligentes. DYNA (Colombia), 2018, 85, 268-282. | 0.2 | 5 |
| 105 | Application of category theory. Ingenierie Des Systemes D'Information, 2018, 23, 11-38. | 0.5 | 2 |
| 106 | A Recommender System Based on Cognitive Map for Smart Classrooms. Advances in Intelligent Systems and Computing, 2018, , 427-442. | 0.5 | 0 |
| 107 | A hybrid approach based on genetic algorithms and (max, +) algebra for network applications. Applied Soft Computing Journal, 2017, 54, 93-107. | 4.1 | 5 |
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| 111 | Integration in industrial automation based on multi-agent systems using cultural algorithms for optimizing the coordination mechanisms. Computers in Industry, 2017, 91, 11-23. | 5.7 | 44 |
| 112 | ARMISCOM: self-healing service composition. Service Oriented Computing and Applications, 2017, 11, 345-365. | 1.3 | 8 |
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| 114 | A general framework for intelligent recommender systems. Applied Computing and Informatics, 2017, 13, 147-160. | 3.7 | 58 |
| 115 | A participatory methodology for the design of serious games in the educational environment. , 2017, , . | | 10 |
| 116 | Augmented Reality in a Smart Classroomâ€"Case Study: SaCI. Revista Iberoamericana De Tecnologias Del Aprendizaje, 2017, 12, 165-172. | 0.7 | 27 |
| 117 | ReM-AM: Reflective middleware for acoustic management in intelligent environments. , 2017, , . | | 0 |
| 118 | Proposal of an architecture for emergent control. , 2017, , . | | 1 |
| 119 | Social set points definition based on trajectory for control systems in smart classrooms. , 2017, , . | | 2 |
| 120 | An Extension of the MiSCi Middleware for Smart Cities Based on Fog Computing. Journal of Information Technology Research, 2017, 10, 23-41. | 0.3 | 9 |
| 121 | Competences as Services in the Autonomic Cycles of Learning Analytic Tasks for a Smart Classroom. Communications in Computer and Information Science, 2017, , 211-226. | 0.4 | 5 |
| 122 | Emergencia ontolÃ³gica basada en anÃ¡lisis de contexto, como servicio para ambientes inteligentes. DYNA (Colombia), 2017, 84, 28-37. | 0.2 | 8 |
| 123 | The Model of Adaptive Learning Objects for virtual environments instanced by the competencies. Advances in Science, Technology and Engineering Systems, 2017, 2, 345-355. | 0.4 | 16 |
| 124 | Different Intelligent Approaches for Modeling the Style of Car Driving. , 2017, , . | | 5 |
| 125 | Developing a Mathematical Model of Oil Production in a Well That Uses an Electric Submersible Pumping System. , 2017, , . | | 2 |
| 126 | Inverse Response Systems Identification using Genetic Programming. , 2017, , . | | 2 |

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| 127 | ImplementaciÃ³n del Marco OntolÃ³gico DinÃ¡mico SemÃ¡ntico. Ingeniare, 2017, 25, 430-448. | 0.1 | 2 |
| 128 | Reconfiguration of the learning style in the computer learning platform based on cloud paradigm. , 2016, , . | | 1 |
| 129 | Adaptive hybrid recommender system of learning objects. , 2016, , . | | 1 |
| 130 | Design of an Augmented Reality Component from the Theory of Agents for Smart Classrooms. IEEE Latin America Transactions, 2016, 14, 3826-3837. | 1.2 | 8 |
| 131 | Multilayer Cognitive Maps in the Resolution of Problems using the FCM Designer Tool. Applied Artificial Intelligence, 2016, 30, 720-743. | 2.0 | 7 |
| 132 | Hybrid recommender system of biomedical ontologies. , 2016, , . | | 1 |
| 133 | Model of adaptive learning objects for virtual enviroments. , 2016, , . | | 1 |
| 134 | Assisted network discovery for next generation wireless networks. , 2016, , . | | 4 |
| 135 | The smart classrooms at the universities as one of the pillars of the e-society. , 2016, , . | | 1 |
| 136 | Emergence and Ubiquity in the Smart Cities. IFIP Advances in Information and Communication Technology, 2016, , 235-244. | 0.5 | 1 |
| 137 | A Fuzzy Cognitive Map like recommender system of Learning Resources. , 2016, , . | | 5 |
| 138 | Autonomie decision making based on bayesian networks and ontologies. , 2016, , . | | 7 |
| 139 | A Dynamic Recognition Approach of Emotional States for Car Drivers. Communications in Computer and Information Science, 2016, , 155-168. | 0.4 | 1 |
| 140 | A General Framework for Learning Analytic in a Smart Classroom. Communications in Computer and Information Science, 2016, , 214-225. | 0.4 | 8 |
| 141 | Learning Algorithm for the Recursive Pattern Recognition Model. Applied Artificial Intelligence, 2016, 30, 662-678. | 2.0 | 12 |
| 142 | Generic autonomic model for middlewares of management of eco-connectivist learning environments. , 2016, , . | | 0 |
| 143 | Extended abstract: Formal description of a pattern for a recursive process of recognition. , 2016, , . | | 0 |
| 144 | Multilayer cognitive maps to model problems. , 2016, , . | | 3 |

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| 145 | Tutorial: Data analytics in the domain of smart cities and e-Government. , 2016, , . | | 2 |
| 146 | Cloud Computing in Smart Educational Environments: Application in Learning Analytics as Service. Advances in Intelligent Systems and Computing, 2016, , 993-1002. | 0.5 | 28 |
| 147 | Autonomous Cycle of Data Analysis Tasks for Learning Processes. Communications in Computer and Information Science, 2016, , 187-202. | 0.4 | 6 |
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| 150 | Semantic mining in clusters from signaling pathways networks. , 2015, , . | | 0 |
| 151 | Computational platform for the educational model based on the cloud paradigm. , 2015, , . | | 5 |
| 152 | CARMiCLOC: Context Awareness Middleware in Cloud Computing. , 2015, , . | | 22 |
| 153 | A business intelligence model for online tutoring process. , 2015, , . | | 10 |
| 154 | Business intelligence applied to learning analytics in student-centered learning processes. , 2015, , . | | 8 |
| 155 | An Approach for Multiple Combination of Ontologies Based on the Ants Colony Optimization Algorithm. , 2015, , . | | 4 |
| 156 | Basic Features of a Reflective Middleware for Intelligent Learning Environment in the Cloud (IECL). , 2015, , . | | 27 |
| 157 | (Max,+) model for alignment selection and schedule optimization in a flow network. AIP Conference Proceedings, 2015, , . | 0.3 | 1 |
| 158 | Social Media and Free Knowledge. Advances in Knowledge Acquisition, Transfer and Management Book Series, 2015, , 156-190. | 0.1 | 2 |
| 159 | Towards a Nationally Pertinent System of Knowledge, Science, and Technology. Advances in Knowledge Acquisition, Transfer and Management Book Series, 2015, , 25-53. | 0.1 | 0 |
| 160 | Pattern Recognition System Based on Data Mining for Analysis of Chemical Substances in Brain. Computacion Y Sistemas, 2015, 19, . | 0.2 | 0 |
| 161 | An Emergent Ontology for Ambient Intelligence based on an Ant Colony Optimization algorithm. , 2014, , . | | 1 |
| 162 | Measuring the Complexity of Self-Organizing Traffic Lights. Entropy, 2014, 16, 2384-2407. | 1.1 | 47 |

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| 163 | Methodological framework for data processing based on the Data Science paradigm. , 2014, , . | | 14 |
| 164 | Modeling and specification of the aquatic ecological emergence using genetic programming. , 2014, , . | | 0 |
| 165 | Management system of learning paradigms using ODA. , 2014, , . | | 2 |
| 166 | Cultural learning for Multi-Agent System and its application to fault management. , 2014, , . | | 2 |
| 167 | Hybrid intelligent supervision model of oil wells. , 2014, , . | | 4 |
| 168 | A Cost-Criticality Based (Max, +) Optimization Model for Operations Scheduling. , 2014, , 645-660. | | 2 |
| 169 | Advanced Supervision Of Oil Wells Based On Soft Computing Techniques. Journal of Artificial Intelligence and Soft Computing Research, 2014, 4, 215-225. | 3.5 | 6 |
| 170 | Ontological learning for a dynamic semantics ontological framework. DYNA (Colombia), 2014, 81, 56-63. | 0.2 | 0 |
| 171 | The Multilayer Random Neural Network. Neural Processing Letters, 2013, 37, 111-133. | 2.0 | 9 |
| 172 | A library for parallel thread-level speculation. , 2013, , . | | 1 |
| 173 | Cultural Algorithms-based learning model for multi-agent systems. , 2013, , . | | 1 |
| 174 | Methodology for detecting the feasibility of using data mining in an organization. , 2013, , . | | 1 |
| 175 | A Verification Method for MASOES. IEEE Transactions on Cybernetics, 2013, 43, 64-76. | 6.2 | 23 |
| 176 | Comparison and fusion model in protein motifs. , 2013, , . | | 1 |
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| 180 | Distributed chronicles for recognition of failures in web services composition. , 2013, , . | | 0 |

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| 181 | Code generator system for Multi-agent systems specified using MASINA methodology. , 2012, , . | | 1 |
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| 183 | Morphology and Behaviour Evolution of Virtual Creatures: A Model Based on Swarm Inteligence. IEEE Latin America Transactions, 2012, 10, 1653-1660. | 1.2 | 0 |
| 184 | Situation assessment in autonomous systems. , 2012, , . | | 3 |
| 185 | MIDDLEWARE FOR IMPROVING PERFORMANCE IN A COMPONENT-BASED SOFTWARE ARCHITECTURE. International Journal of Computers and Applications, 2012, 34, . | 0.8 | 1 |
| 186 | Automatic Learning of Ontologies for the Semantic Web: experiment lexical learning. Respuestas, 2012, 17, 5-12. | 0.2 | 3 |
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| 188 | An implementation of a distributed artificial intelligence architecture to the integrated production management. Journal of Natural Gas Science and Engineering, 2011, 3, 735-747. | 2.1 | 7 |
| 189 | Similarity of Amyloid Protein Motif using an Hybrid Intelligent System. IEEE Latin America Transactions, 2011, 9, 700-710. | 1.2 | 2 |
| 190 | The identification of discrete-event dynamic systems based on the evolutionary programming. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2011, 15, 43-53. | 0.7 | 0 |
| 191 | Automation of the Oilfield Asset via an Artificial Intelligence (AI)-Based Integrated Production Management Architecture (IPMA). , 2011, , . | | 6 |
| 192 | A Neural Watermark Approach. Electronic Notes in Theoretical Computer Science, 2011, 281, 35-50. | 0.9 | 1 |
| 193 | Multiagent Systems for Production Planning in Automation. Lecture Notes in Computer Science, 2011, , 143-152. | 1.0 | 2 |
| 194 | A MULTIAGENTS SYSTEM TO CREATE CONTROL AGENTS. Applied Artificial Intelligence, 2010, 24, 785-806. | 2.0 | 3 |
| 195 | The FCM Designer Tool. Studies in Fuzziness and Soft Computing, 2010, , 71-87. | 0.6 | 17 |
| 196 | Dynamic Fuzzy Cognitive Maps for the Supervision of Multiagent Systems. Studies in Fuzziness and Soft Computing, 2010, , 307-324. | 0.6 | 6 |
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| 201 | Design and implementation of a patterns recognition system for analysis of biological liquids. , 2008, , . | | 0 |
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