

Vicente GarcÃ-a-dÃ-az

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

2,131
citations

266019

23
h-index

252701

43
g-index

106
all docs

106
docs citations

106
times ranked

2731
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Automatically Temporal Labeled Data Generation Using Positional Lexicon Expansion for Focus Time Estimation of News Articles. <i>ACM Transactions on Asian and Low-Resource Language Information Processing</i> , 2024, 23, 1-20. | 2.2 | 1 |
| 2 | Apollon: A robust defense system against Adversarial Machine Learning attacks in Intrusion Detection Systems. <i>Computers and Security</i> , 2024, 136, 103546. | 6.5 | 12 |
| 3 | Guest Editorial for the Special Issue "New Trends in Algorithms for Intelligent Recommendation Systems". <i>Algorithms</i> , 2024, 17, 255. | 2.2 | 0 |
| 4 | Artificial intelligence with big data analytics-based brain intracranial hemorrhage e-diagnosis using CT images. <i>Neural Computing and Applications</i> , 2023, 35, 16037-16049. | 5.7 | 27 |
| 5 | <scp>CAâ€MLBS</scp>: contentâ€aware machine learning based load balancing scheduler in the cloud environment. <i>Expert Systems</i> , 2023, 40, . | 4.5 | 3 |
| 6 | Introduction to the Special Issue of Recent Advances in Computational Linguistics for Asian Languages. <i>ACM Transactions on Asian and Low-Resource Language Information Processing</i> , 2023, 22, 1-5. | 2.2 | 0 |
| 7 | Bearing Fault Diagnosis With Envelope Analysis and Machine Learning Approaches Using CWRU Dataset. <i>IEEE Access</i> , 2023, 11, 57796-57805. | 4.4 | 18 |
| 8 | BiFeO ₃ Nanoparticles: The "Holy Grail" of Piezo-Photocatalysts?. <i>Advanced Materials</i> , 2023, 35, . | 24.3 | 38 |
| 9 | Understanding Biomedical Engineering for Quantum Computing. <i>Advances in Bioinformatics and Biomedical Engineering Book Series</i> , 2023, , 245-257. | 0.0 | 0 |
| 10 | Hybrid intelligent framework for automated medical learning. <i>Expert Systems</i> , 2022, 39, . | 4.5 | 8 |
| 11 | Deep Transfer Learning based Fusion Model for Environmental Remote Sensing Image Classification Model. <i>European Journal of Remote Sensing</i> , 2022, 55, 12-23. | 3.8 | 18 |
| 12 | Proliferation of Opportunistic Routing: A Systematic Review. <i>IEEE Access</i> , 2022, 10, 5855-5883. | 4.4 | 21 |
| 13 | Forecast of Medical Costs in Health Companies Using Models Based on Advanced Analytics. <i>Algorithms</i> , 2022, 15, 106. | 2.2 | 0 |
| 14 | A Stock Trading Expert System Established by the CNN-GA-Based Collaborative System. <i>International Journal of Data Warehousing and Mining</i> , 2022, 18, 1-19. | 0.6 | 1 |
| 15 | Artificial Intelligence and Internet of Things Enabled Disease Diagnosis Model for Smart Healthcare Systems. <i>IEEE Access</i> , 2021, 9, 45137-45146. | 4.4 | 115 |
| 16 | Internet of Things and Deep Learning Enabled Elderly Fall Detection Model for Smart Homecare. <i>IEEE Access</i> , 2021, 9, 113879-113888. | 4.4 | 48 |
| 17 | Improving Monte Carlo Tree Search with Artificial Neural Networks without Heuristics. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2056. | 2.6 | 9 |
| 18 | A fuzzy multi-criteria decision-making method for purchasing life insurance in India. <i>Bulletin of Electrical Engineering and Informatics</i> , 2021, 10, 344-356. | 0.9 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Random loose packing of cylindrical particles considering filling rate. Powder Technology, 2021, 386, 98-107. | 4.3 | 6 |
| 20 | CrowDSL: Platform for Incidents Management in a Smart City Context. Big Data and Cognitive Computing, 2021, 5, 44. | 4.9 | 1 |
| 21 | Study and analysis of SARIMA and LSTM in forecasting time series data. Sustainable Energy Technologies and Assessments, 2021, 47, 101474. | 2.9 | 61 |
| 22 | Dynamic customer churn prediction strategy for business intelligence using text analytics with evolutionary optimization algorithms. Information Processing and Management, 2021, 58, 102706. | 8.9 | 25 |
| 23 | An optimal cascaded recurrent neural network for intelligent COVID-19 detection using Chest X-ray images. Applied Soft Computing Journal, 2021, 113, 107878. | 7.4 | 37 |
| 24 | Monte Carlo Tree Search as a Tool for Self-Learning and Teaching People to Play Complete Information Board Games. Electronics (Switzerland), 2021, 10, 2609. | 3.2 | 2 |
| 25 | Attribute-Based Adaptive Homomorphic Encryption for Big Data Security. Big Data, 2021, , . | 3.7 | 2 |
| 26 | Microstructure and electrical properties of carbon short fiber reinforced copper composites fabricated by electroless deposition followed by powder metallurgy process. Carbon Letters, 2020, 30, 247-258. | 6.0 | 13 |
| 27 | A Review on Intrusion Detection Systems and Techniques. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2020, 28, 65-91. | 2.2 | 16 |
| 28 | Midgar: Creation of a Graphic Domain-Specific Language to Generate Smart Objects for Internet of Things Scenarios Using Model-Driven Engineering. IEEE Access, 2020, 8, 141872-141894. | 4.4 | 8 |
| 29 | Characterization of the Myofibrillar Proteome as a Way to Better Understand Differences in Bovine Meats Having Different Ultimate pH Values. Proteomics, 2020, 20, e2000012. | 3.0 | 16 |
| 30 | Diagnosis of cytomegalovirus infection from clinical whole genome sequencing. Scientific Reports, 2020, 10, 11020. | 3.4 | 6 |
| 31 | A Case Study for a Big Data and Machine Learning Platform to Improve Medical Decision Support in Population Health Management. Algorithms, 2020, 13, 102. | 2.2 | 30 |
| 32 | A novel hybrid approach of SVM combined with NLP and probabilistic neural network for email phishing. International Journal of Electrical and Computer Engineering, 2020, 10, 486. | 0.8 | 47 |
| 33 | A Fundamental Overview of Different Algorithms and Performance Optimization for Swarm Intelligence. , 2020, , 1-19. | | 0 |
| 34 | Decentralized navigation model for multiagent cooperative robotic systems. Journal of Ambient Intelligence and Smart Environments, 2020, 12, 547-548. | 1.6 | 0 |
| 35 | A neural network approach to predict early neonatal sepsis. Computers and Electrical Engineering, 2019, 76, 379-388. | 5.2 | 25 |
| 36 | Rapid modeling of human-defined AI behavior patterns in games. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 2683-2692. | 5.3 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | A User-Oriented Language for Specifying Interconnections Between Heterogeneous Objects in the Internet of Things. IEEE Internet of Things Journal, 2019, 6, 3806-3819. | 9.3 | 8 |
| 38 | Supporting academic decision making at higher educational institutions using machine learning-based algorithms. Soft Computing, 2019, 23, 4145-4153. | 3.8 | 77 |
| 39 | A Review of Artificial Intelligence in the Internet of Things. International Journal of Interactive Multimedia and Artificial Intelligence, 2019, 5, 9. | 4.1 | 70 |
| 40 | IJMLNCE Editorial Note Volume No 03, Issue No 02. International Journal of Machine Learning and Networked Collaborative Engineering, 2019, 03, 0-0. | 0.1 | 0 |
| 41 | Guidelines for adaptive content generation for television that enhance the viewer experience. Journal of Ambient Intelligence and Smart Environments, 2018, 10, 241-242. | 1.6 | 0 |
| 42 | Outcomes of Patients Initially Treated with Intravitreal Bevacizumab for Central Retinal Vein Occlusion: Long-Term Follow-Up. Seminars in Ophthalmology, 2018, 33, 318-319. | 1.6 | 3 |
| 43 | Psychometric properties of the Spanish version of the family-centred practices scale for use with families of young children receiving early childhood intervention. Journal of Applied Research in Intellectual Disabilities, 2018, 31, 851-861. | 2.1 | 16 |
| 44 | Adaptive contents for interactive TV guided by machine learning based on predictive sentiment analysis of data. Soft Computing, 2018, 22, 2731-2752. | 3.8 | 8 |
| 45 | An approach to improve the accuracy of probabilistic classifiers for decision support systems in sentiment analysis. Applied Soft Computing Journal, 2018, 67, 822-833. | 7.4 | 31 |
| 46 | Vitruvius: Vehicle sensor based model-driven engineering application generation. Journal of Ambient Intelligence and Smart Environments, 2018, 10, 95-97. | 1.6 | 1 |
| 47 | Decentralized Online Simultaneous Localization and Mapping for Multi-Agent Systems. Sensors, 2018, 18, 2612. | 4.0 | 10 |
| 48 | A vision-based measurement model for instruments without internet connectivity. Computers and Electrical Engineering, 2018, 71, 533-545. | 5.2 | 3 |
| 49 | A Decentralized Framework for Multi-Agent Robotic Systems. Sensors, 2018, 18, 417. | 4.0 | 38 |
| 50 | Machine learning classification analysis for a hypertensive population as a function of several risk factors. Expert Systems With Applications, 2018, 110, 206-215. | 7.9 | 36 |
| 51 | Voice Application Generator Platform for Real Time Multimedia Vehicle Sensor Based Notifications. , 2018, , 593-606. | | 0 |
| 52 | PREDICTION MODEL FOR POLLUTANTS WITH ONBOARD DIAGNOSTIC SENSORS IN VEHICLES. International Journal of Machine Learning and Networked Collaborative Engineering, 2018, 2, 48-59. | 0.1 | 0 |
| 53 | Data Mining Approach of Accident Occurrences Identification with Effective Methodology and Implementation. International Journal of Electrical and Computer Engineering, 2018, 8, 4033. | 0.8 | 6 |
| 54 | Design of a System for Vehicle Traffic Estimation for Applications on IoT. , 2017, , . | | 11 |

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|----|--|------|-----------|
| 55 | WSN analysis in grid topology for potato crops for IoT. , 2017, , . | | 5 |
| 56 | A model-driven approach to generate and deploy videogames on multiple platforms. Journal of Ambient Intelligence and Humanized Computing, 2017, 8, 435-447. | 5.3 | 11 |
| 57 | An Evaluation of BPMN Solutions. International Journal of Machine Learning and Networked Collaborative Engineering, 2017, 01, 17-22. | 0.1 | 2 |
| 58 | SoftwareLand Chronicles: A Software Development Meta-Process Proposal. Applied Computer Science, 2016, 19, 5-14. | 0.6 | 1 |
| 59 | Measurement of viewer sentiment to improve the quality of television and interactive content using adaptive content. , 2016, , . | | 6 |
| 60 | SenseQ. , 2016, , . | | 1 |
| 61 | Academic decision making model for higher education institutions using learning analytics. , 2016, , . | | 17 |
| 62 | Alternative Development for Data Migration Using Dynamic Query Generation. Applied Computer Science, 2016, 19, 25-29. | 0.6 | 1 |
| 63 | Fuzzy system to adapt web voice interfaces dynamically in a vehicle sensor tracking application definition. Soft Computing, 2016, 20, 3321-3334. | 3.8 | 19 |
| 64 | Integrating Activity- and Goal-Based Workflows: A Data Model Based Design Method. Lecture Notes in Business Information Processing, 2016, , 352-363. | 0.0 | 1 |
| 65 | An intelligent Mobile Web Browser to adapt the mobile web as a function of the physical environment. IEEE Latin America Transactions, 2015, 13, 503-509. | 1.8 | 8 |
| 66 | Towards a Standard-Based Domain-Specific Platform to Describe Points of Interest. Applied Computer Science, 2015, 17, 69-78. | 0.6 | 0 |
| 67 | Fuzzy decision method to improve the information exchange in a vehicle sensor tracking system. Applied Soft Computing Journal, 2015, 35, 708-716. | 7.4 | 29 |
| 68 | Numerical simulations of the ultrabroadband supercontinuum generation by dual-wavelength pumping in photonic crystal fiber with two zero dispersion wavelengths. Applied Optics, 2015, 54, 4542. | 1.8 | 14 |
| 69 | Using extended web technologies to develop Bluetooth multi-platform mobile applications for interact with smart things. Information Fusion, 2015, 21, 30-41. | 19.9 | 20 |
| 70 | Towards a Standard-based Domain-specific Platform to Solve Machine Learning-based Problems. International Journal of Interactive Multimedia and Artificial Intelligence, 2015, 3, 6. | 4.1 | 12 |
| 71 | Method for analysing the user experience in MOOC platforms. , 2014, , . | | 21 |
| 72 | Midgar: Domain-Specific Language to Generate Smart Objects for an Internet of Things Platform. , , . | | 14 |

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|----|--|-----|-----------|
| 73 | On the suitability of dynamic languages for hot-reprogramming a robotics framework: a Python case study. <i>Software - Practice and Experience</i> , 2014, 44, 77-104. | 3.8 | 2 |
| 74 | Mobile Web-Based System for Remote-Controlled Electronic Devices and Smart Objects. <i>Mobile Networks and Applications</i> , 2014, 19, 435-447. | 3.4 | 3 |
| 75 | Vitruvius: An expert system for vehicle sensor tracking and managing application generation. <i>Journal of Network and Computer Applications</i> , 2014, 42, 178-188. | 9.7 | 25 |
| 76 | Dependencies among Architectural Views Got from Software Requirements Based on a Formal Model. <i>Applied Computer Science</i> , 2014, 16, 5-12. | 0.6 | 2 |
| 77 | Improving the GPS Location Quality Using a Multi-agent Architecture Based on Social Collaboration. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 371-379. | 0.0 | 2 |
| 78 | Relationships between UML Sequence Diagrams and the Topological Functioning Model for Backward Transformation. <i>Applied Computer Science</i> , 2014, 16, 43-52. | 0.6 | 2 |
| 79 | Propuesta para generar artefactos basados en modelos [Proposal for generation of software model-based artifacts]. <i>Ventana Informatica</i> , 2013, , . | 0.1 | 0 |
| 80 | Sistema de recomendación de contenidos para libros electrónicos inteligentes [Contents recommender system for intelligent eBooks]. <i>Ventana Informatica</i> , 2013, , . | 0.1 | 1 |
| 81 | MDCI: Model-driven continuous integration. <i>Journal of Ambient Intelligence and Smart Environments</i> , 2012, 4, 479-481. | 1.6 | 0 |
| 82 | Implicit feedback techniques on recommender systems applied to electronic books. <i>Computers in Human Behavior</i> , 2012, 28, 1186-1193. | 9.0 | 129 |
| 83 | Method Based on Context-Information to Improve User Experience on Mobile Web-Based Applications. <i>Lecture Notes in Computer Science</i> , 2012, , 732-741. | 1.0 | 1 |
| 84 | Improving Cognitive Load on Students with Disabilities Through Software Aids. , 2012, , 163-175. | | 2 |
| 85 | Henoch-Schönlein purpura nephritis with nephrotic state in children: predictors of poor outcomes. <i>Pediatric Nephrology</i> , 2011, 26, 921-925. | 1.8 | 49 |
| 86 | Towards the systematic measurement of ATL transformation models. <i>Software - Practice and Experience</i> , 2011, 41, 789-815. | 3.8 | 10 |
| 87 | SBPMN "An easier business process modeling notation for business users. <i>Computer Standards and Interfaces</i> , 2010, 32, 18-28. | 6.1 | 35 |
| 88 | TALISMAN MDE: Mixing MDE principles. <i>Journal of Systems and Software</i> , 2010, 83, 1179-1191. | 4.8 | 16 |
| 89 | Towards an Adaptive Integration Trigger. <i>Advances in Intelligent and Soft Computing</i> , 2010, , 459-462. | 0.0 | 1 |
| 90 | TALISMAN MDE Framework: An Architecture for Intelligent Model-Driven Engineering. <i>Lecture Notes in Computer Science</i> , 2009, , 299-306. | 1.0 | 12 |

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|----|---|-----|-----------|
| 91 | Towards Meta-model Interoperability of Models through Intelligent Transformations. Lecture Notes in Computer Science, 2009, , 315-322. | 1.0 | 1 |
| 92 | In Premises Positioning “ Fuzzy Logic. Lecture Notes in Computer Science, 2009, , 284-291. | 1.0 | 1 |
| 93 | IL-2 Is Essential for TGF- β 2 to Convert Naive CD4+CD25 ^{hi} Cells to CD25+Foxp3+ Regulatory T Cells and for Expansion of These Cells. Journal of Immunology, 2007, 178, 2018-2027. | 0.8 | 543 |
| 94 | A process model for shot peen forming. Journal of Materials Processing Technology, 2006, 172, 159-162. | 6.4 | 69 |
| 95 | Optical second-harmonic generation from adsorbate layers in total-reflection geometry. Journal of the Optical Society of America B: Optical Physics, 1993, 10, 1824. | 2.0 | 46 |
| 96 | Improving Cognitive Load on Students with Disabilities through Software Aids. , 0, , 1255-1268. | | 1 |
| 97 | Impacto del Jitter en un control de formaci3n multiagente. RIAI - Revista Iberoamericana De Automatica E Informatica Industrial, 0, , . | 1.0 | 0 |
| 98 | Securedp: a novel software-defined perimeter implementation for enhanced network security and scalability. International Journal of Information Security, 0, , . | 3.6 | 0 |