

JosÃ© Manuel GalÃ¡n

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

748
citations

623699

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h-index

552766

26
g-index

49
all docs

49
docs citations

49
times ranked

774
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | An agent-based model for domestic water management in Valladolid metropolitan area. <i>Water Resources Research</i> , 2009, 45, . | 4.2 | 121 |
| 2 | A new approach for project control under uncertainty. Going back to the basics. <i>International Journal of Project Management</i> , 2014, 32, 423-434. | 5.6 | 102 |
| 3 | Stochastic earned value analysis using Monte Carlo simulation and statistical learning techniques. <i>International Journal of Project Management</i> , 2015, 33, 1597-1609. | 5.6 | 67 |
| 4 | Assessment of resistance spot welding quality based on ultrasonic testing and tree-based techniques. <i>Journal of Materials Processing Technology</i> , 2014, 214, 2478-2487. | 6.3 | 63 |
| 5 | Beyond Earned Value Management: A Graphical Framework for Integrated Cost, Schedule and Risk Monitoring. <i>Procedia, Social and Behavioral Sciences</i> , 2013, 74, 181-189. | 0.5 | 42 |
| 6 | Modelado de sistemas complejos mediante simulación basada en agentes y mediante dinámica de sistemas. <i>Empiria</i> , 2008, . | 0.2 | 37 |
| 7 | Urban Water Management with Artificial Societies of Agents: The FIRMABAR Simulator. <i>Simulation</i> , 2005, 81, 189-199. | 1.8 | 27 |
| 8 | Asking the Oracle: Introducing Forecasting Principles into Agent-Based Modelling. <i>Jasss</i> , 2013, 16, . | 1.8 | 25 |
| 9 | Axelrod's Metanorm Games on Networks. <i>PLoS ONE</i> , 2011, 6, e20474. | 2.5 | 20 |
| 10 | Food for all: An agent-based model to explore the emergence and implications of cooperation for food storage. <i>Environmental Archaeology</i> , 2015, 20, 349-363. | 1.2 | 20 |
| 11 | Quality assessment of resistance spot welding joints of AISI 304 stainless steel based on elastic nets. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 676, 173-181. | 5.6 | 20 |
| 12 | Direct quality prediction in resistance spot welding process: Sensitivity, specificity and predictive accuracy comparative analysis. <i>Science and Technology of Welding and Joining</i> , 2015, 20, 679-685. | 3.1 | 18 |
| 13 | Emergence and Evolution of Cooperation Under Resource Pressure. <i>Scientific Reports</i> , 2017, 7, 45574. | 3.3 | 17 |
| 14 | Metamodels for role-driven agent-based modelling. <i>Computational and Mathematical Organization Theory</i> , 2012, 18, 91-112. | 2.0 | 14 |
| 15 | Effect of Resource Spatial Correlation and Hunter-Fisher-Gatherer Mobility on Social Cooperation in Tierra del Fuego. <i>PLoS ONE</i> , 2015, 10, e0121888. | 2.5 | 14 |
| 16 | Multi-agent technology for scheduling and control projects in multi-project environments. An Auction based approach. <i>Inteligencia Artificial</i> , 2009, 13, . | 0.8 | 13 |
| 17 | Mesoscopic Effects in an Agent-Based Bargaining Model in Regular Lattices. <i>PLoS ONE</i> , 2011, 6, e17661. | 2.5 | 12 |
| 18 | Social Cooperation and Resource Management Dynamics Among Late Hunter-Fisher-Gatherer Societies in Tierra del Fuego (South America). <i>Journal of Archaeological Method and Theory</i> , 2014, 21, 343-363. | 3.0 | 12 |

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|----|--|-----|-----------|
| 19 | Quantifying the relationship between food sharing practices and socio-ecological variables in small-scale societies: A cross-cultural multi-methodological approach. PLoS ONE, 2019, 14, e0216302. | 2.5 | 11 |
| 20 | A Brief Introduction to the Use of Machine Learning Techniques in the Analysis of Agent-Based Models. Lecture Notes in Management and Industrial Engineering, 2017, , 179-186. | 0.4 | 10 |
| 21 | Exploring the Influence of Seasonal Uncertainty in Project Risk Management. Procedia, Social and Behavioral Sciences, 2014, 119, 329-338. | 0.5 | 9 |
| 22 | Evolution of Equity Norms in Small-World Networks. Discrete Dynamics in Nature and Society, 2012, 2012, 1-18. | 0.9 | 7 |
| 23 | Letâ€™s go fishing: A quantitative analysis of subsistence choices with a special focus on mixed economies among small-scale societies. PLoS ONE, 2021, 16, e0254539. | 2.5 | 7 |
| 24 | Comparative Study of Classification Algorithms for Quality Assessment of Resistance Spot Welding Joints From Pre- and Post-Welding Inputs. IEEE Access, 2022, 10, 6518-6527. | 4.2 | 7 |
| 25 | Checking Simulations: Detecting and Avoiding Errors and Artefacts. Understanding Complex Systems, 2013, , 95-116. | 0.6 | 6 |
| 26 | Diffusion of Domestic Water Conservation Technologies in an ABM-GIS Integrated Model. Lecture Notes in Computer Science, 2008, , 567-574. | 1.3 | 6 |
| 27 | Combining Mathematical and Simulation Approaches to Understand the Dynamics of Computer Models. Understanding Complex Systems, 2013, , 235-271. | 0.6 | 6 |
| 28 | Application of Model Driven Techniques for Agent-Based Simulation. Advances in Intelligent and Soft Computing, 2010, , 81-90. | 0.2 | 5 |
| 29 | Independence of EPR and PAP tests performed on resistance spot welding joints. Corrosion Engineering Science and Technology, 2017, 52, 418-424. | 1.4 | 4 |
| 30 | GESTIÃN EFICIENTE DE CARTERAS DE PROYECTOS. PROPUESTA DE UN SISTEMA INTELIGENTE DE SOPORTE A LA DECISIÃN PARA OFICINAS TÃ‰CNICAS Y EMPRESAS CONSULTORAS.. Dyna (Spain), 2009, 84, 761-772. | 0.2 | 4 |
| 31 | Identification of robust retailing location patterns with complex network approaches. Complex & Intelligent Systems, 0, , 1. | 6.5 | 3 |
| 32 | Price Updating in Combinatorial Auctions for Coordination of Manufacturing Multiagent Systems. Advances in Intelligent and Soft Computing, 2010, , 201-207. | 0.2 | 2 |
| 33 | A Brief Introduction to the Use of Machine Learning Techniques in the Analysis of Agent-Based Models. SSRN Electronic Journal, 2015, , . | 0.4 | 2 |
| 34 | Hunterâ€™gatherer mobility and technological landscapes in southernmost South America: a statistical learning approach. Royal Society Open Science, 2018, 5, 180906. | 2.4 | 2 |
| 35 | Robustness assessment of the â€™cooperation under resource pressureâ€™ (CURP) model. Hunter Gatherer Research, 2019, 3, 401-428. | 0.3 | 2 |
| 36 | Knowledge Transfer in Commercial Feature Extraction for the Retail Store Location Problem. IEEE Access, 2021, 9, 132967-132979. | 4.2 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | LA EMPRESA COMO CARTERA DE PROYECTOS Y PROGRAMAS.. Dyna (Spain), 2010, 85, 39-46. | 0.2 | 2 |
| 38 | Market Failure Caused by Quality Uncertainty. , 2006, , 203-213. | | 2 |
| 39 | Online Scheduling in Multi-project Environments: A Multi-agent Approach. Advances in Intelligent and Soft Computing, 2009, , 293-301. | 0.2 | 1 |
| 40 | A Project Monitoring and Control System Using EVM and Monte Carlo Simulation. Lecture Notes in Management and Industrial Engineering, 2016, , 31-40. | 0.4 | 1 |
| 41 | Multidisciplinary research in Spain. A network perspective. Direccion Y Organizacion, 2021, , 39-53. | 0.3 | 1 |
| 42 | An Agent Based Model of the Nash Demand Game in Regular Lattices. International Federation for Information Processing, 2010, , 243-250. | 0.4 | 1 |
| 43 | Mapping the scientific structure of organization and management of enterprises using complex networks. International Journal of Production Management and Engineering, 2022, 10, 65-76. | 1.5 | 1 |
| 44 | Metamodelling for Agent Based Modelling: An Application for Continuous Double Auctions. International Federation for Information Processing, 2010, , 285-292. | 0.4 | 0 |
| 45 | Metamodelling for Agent-Based Modelling: An Application for Posted Pricing Institutions. Studies in Informatics and Control, 2011, 20, . | 1.2 | 0 |
| 46 | Localization Based on Business Interactions Through a Simulated Annealing Algorithm. Lecture Notes in Management and Industrial Engineering, 2014, , 325-331. | 0.4 | 0 |
| 47 | Quality Uncertainty and Market Failure: An Interactive Model to Conduct Classroom Experiments. Advances in Intelligent Systems and Computing, 2015, , 549-557. | 0.6 | 0 |
| 48 | Exploring the Relations between Project Duration and Activity Duration. Lecture Notes in Management and Industrial Engineering, 2015, , 19-30. | 0.4 | 0 |
| 49 | NetExtractor. A Semi-automatic Educational Tool for Network Extraction Conceived to Differentiate by Student Interest. Advances in Intelligent Systems and Computing, 2021, , 205-214. | 0.6 | 0 |