

Francisco Javier Santos Arteaga

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

96
papers

965
citations

18
h-index

27
g-index

98
ext. papers

1,202
ext. citations

4.1
avg, IF

4.92
L-index

#	Paper	IF	Citations
96	A fuzzy hybrid project portfolio selection method using Data Envelopment Analysis, TOPSIS and Integer Programming. <i>Expert Systems With Applications</i> , 2015 , 42, 8432-8444	7.8	90
95	A hybrid intelligent fuzzy predictive model with simulation for supplier evaluation and selection. <i>Expert Systems With Applications</i> , 2016 , 61, 129-144	7.8	72
94	An extended VIKOR method using stochastic data and subjective judgments. <i>Computers and Industrial Engineering</i> , 2016 , 97, 240-247	6.4	44
93	Drone shipping versus truck delivery in a cross-docking system with multiple fleets and products. <i>Expert Systems With Applications</i> , 2017 , 72, 93-107	7.8	38
92	A fuzzy multi-criteria spatial decision support system for solar farm location planning. <i>Energy Strategy Reviews</i> , 2017 , 18, 93-105	9.8	32
91	A multicriteria spatial decision support system for solving emergency service station location problems. <i>International Journal of Geographical Information Science</i> , 2015 , 29, 1187-1213	4.1	32
90	A conceptual analytic network model for evaluating and selecting third-party reverse logistics providers. <i>International Journal of Advanced Manufacturing Technology</i> , 2016 , 86, 1705-1721	3.2	29
89	An extended stochastic VIKOR model with decision maker's attitude towards risk. <i>Information Sciences</i> , 2018 , 432, 301-318	7.7	29
88	A fuzzy multi-objective multi-period network DEA model for efficiency measurement in oil refineries. <i>Computers and Industrial Engineering</i> , 2019 , 135, 143-155	6.4	28
87	A novel multi-objective meta-heuristic model for solving cross-docking scheduling problems. <i>Applied Soft Computing Journal</i> , 2015 , 31, 30-47	7.5	28
86	A comprehensive fuzzy DEA model for emerging market assessment and selection decisions. <i>Applied Soft Computing Journal</i> , 2016 , 38, 676-702	7.5	26
85	A discrete cuckoo optimization algorithm for consolidation in cloud computing. <i>Computers and Industrial Engineering</i> , 2018 , 115, 495-511	6.4	26
84	A novel two-stage DEA production model with freely distributed initial inputs and shared intermediate outputs. <i>Expert Systems With Applications</i> , 2018 , 99, 213-230	7.8	26
83	Efficiency decomposition and measurement in two-stage fuzzy DEA models using a bargaining game approach. <i>Computers and Industrial Engineering</i> , 2018 , 118, 394-408	6.4	25
82	An integrated data envelopment analysis and simulation method for group consensus ranking. <i>Mathematics and Computers in Simulation</i> , 2016 , 119, 1-17	3.3	22
81	A dynamic multi-stage data envelopment analysis model with application to energy consumption in the cotton industry. <i>Energy Economics</i> , 2015 , 51, 320-328	8.3	20
80	Solving multi-mode time-cost-quality trade-off problems under generalized precedence relations. <i>Optimization Methods and Software</i> , 2015 , 30, 965-1001	1.3	20

79	A hybrid DEA-MOLP model for public school assessment and closure decision in the City of Philadelphia. <i>Socio-Economic Planning Sciences</i> , 2018 , 61, 70-89	3.7	19
78	An integrated three-stage maintenance scheduling model for unrelated parallel machines with aging effect and multi-maintenance activities. <i>Computers and Industrial Engineering</i> , 2015 , 83, 226-236	6.4	18
77	Strategic Diffusion of Information and Preference Manipulation. <i>International Journal of Strategic Decision Sciences</i> , 2011 , 2, 1-19	0.3	17
76	The optimal sequential information acquisition structure: A rational utility-maximizing perspective. <i>Applied Mathematical Modelling</i> , 2014 , 38, 3419-3435	4.5	16
75	A customized genetic algorithm for solving multi-period cross-dock truck scheduling problems. <i>Measurement: Journal of the International Measurement Confederation</i> , 2017 , 108, 101-118	4.6	14
74	Modeling signal-based decisions in online search environments: A non-recursive forward-looking approach. <i>Information and Management</i> , 2016 , 53, 207-226	6.6	13
73	An optimal information gathering algorithm. <i>International Journal of Applied Decision Sciences</i> , 2009 , 2, 105	0.8	12
72	A dynamic multi-stage slacks-based measure data envelopment analysis model with knowledge accumulation and technological evolution. <i>European Journal of Operational Research</i> , 2019 , 278, 448-462	5.6	12
71	A Malmquist productivity index for network production systems in the energy sector. <i>Annals of Operations Research</i> , 2020 , 284, 415-445	3.2	12
70	Efficiency measurement in data envelopment analysis in the presence of ordinal and interval data. <i>Neural Computing and Applications</i> , 2018 , 30, 1971-1982	4.8	11
69	An optimal information acquisition model for competitive advantage in complex multiperspective environments. <i>Applied Mathematics and Computation</i> , 2014 , 240, 175-199	2.7	11
68	An integrated fuzzy sustainable supplier evaluation and selection framework for green supply chains in reverse logistics. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 53953-53982	5.1	10
67	A novel ant colony algorithm for solving shortest path problems with fuzzy arc weights. <i>AEJ - Alexandria Engineering Journal</i> , 2021 ,	6.1	10
66	Poverty traps in a frictionless world: The effects of learning and technology assimilation. <i>Structural Change and Economic Dynamics</i> , 2011 , 22, 106-115	4.5	9
65	A Review of Uncertain Decision-Making Methods in Energy Management Using Text Mining and Data Analytics. <i>Energies</i> , 2020 , 13, 3947	3.1	9
64	An integrated data envelopment analysis and mixed integer non-linear programming model for linearizing the common set of weights. <i>Central European Journal of Operations Research</i> , 2019 , 27, 887-904	2.2	9
63	Innovation dynamics and labor force restructuring with asymmetrically developed national innovation systems. <i>International Business Review</i> , 2017 , 26, 36-56	6.2	8
62	A novel entropy-based decision support framework for uncertainty resolution in the initial subjective evaluations of experts: The NATO enlargement problem. <i>Decision Support Systems</i> , 2015 , 74, 135-149	5.6	8

61	A bilateral exchange model: The paradox of quantifying the linguistic values of qualitative characteristics. <i>Information Sciences</i> , 2015 , 296, 201-218	7.7	8
60	Modeling Sequential Information Acquisition Behavior in Rational Decision Making. <i>Decision Sciences</i> , 2016 , 47, 720-761	3.7	8
59	Cardinal versus ordinal criteria in choice under risk with disconnected utility ranges. <i>Journal of Mathematical Economics</i> , 2011 , 47, 588-594	0.6	8
58	Information and intertemporal decision processes in banking: the run on Northern Rock. <i>International Journal of Applied Decision Sciences</i> , 2008 , 1, 359	0.8	8
57	A multi-criteria perception-based strict-ordering algorithm for identifying the most-preferred choice among equally-evaluated alternatives. <i>Information Sciences</i> , 2017 , 381, 322-340	7.7	7
56	An ordinal ranking criterion for the subjective evaluation of alternatives and exchange reliability. <i>Information Sciences</i> , 2015 , 317, 295-314	7.7	6
55	TECHNOLOGICAL ASSIMILATION AND DIVERGENCE IN TIMES OF CRISIS. <i>Technological and Economic Development of Economy</i> , 2016 , 22, 254-273	4.7	6
54	Technology Development through Knowledge Assimilation and Innovation. <i>Journal of Global Information Management</i> , 2015 , 23, 48-93	1.9	6
53	A novel perception-based DEA method to evaluate alternatives in uncertain online environments. <i>Computers and Industrial Engineering</i> , 2019 , 131, 327-343	6.4	5
52	Information acquisition processes and their continuity: Transforming uncertainty into risk. <i>Information Sciences</i> , 2014 , 274, 108-124	7.7	5
51	A Self-regulating Information Acquisition Algorithm for Preventing Choice Regret in Multi-perspective Decision Making. <i>Business and Information Systems Engineering</i> , 2014 , 6, 165-175	3.8	5
50	A novel optimization model for designing compact, balanced, and contiguous healthcare districts. <i>Journal of the Operational Research Society</i> , 2020 , 71, 1740-1759	2	5
49	A novel lexicographic optimization method for solving shortest path problems with interval-valued triangular fuzzy arc weights. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020 , 39, 1277-1287	1.6	4
48	An intuitionistic fuzzy-grey superiority and inferiority ranking method for third-party reverse logistics provider selection. <i>International Journal of Systems Science: Operations and Logistics</i> , 2018 , 5, 175-194	2.6	4
47	Multi-stage supply chain network solution methods: hybrid metaheuristics and performance measurement. <i>International Journal of Systems Science: Operations and Logistics</i> , 2018 , 5, 356-373	2.6	4
46	An optimal sequential information acquisition model subject to a heuristic assimilation constraint. <i>Benchmarking</i> , 2016 , 23, 937-982	4	4
45	Climbing quality ladders and the evolution of technology dynamics: rethinking the role of demand in technological change. <i>International Journal of Operational Research</i> , 2014 , 20, 121	0.9	4
44	A game-theoretical model of bank foreign direct investment strategy in emerging market economies. <i>International Journal of Bank Marketing</i> , 2014 , 32, 194-222	4	4

43	A novel multi-objective green vehicle routing and scheduling model with stochastic demand, supply, and variable travel times. <i>Computers and Operations Research</i> , 2022 , 141, 105698	4.6	4
42	The Dark Places of Business Enterprise		4
41	Dynamic effects of learning on the innovative outputs and productivity in Spanish multinational enterprises. <i>Journal of Technology Transfer</i> , 2019 , 44, 97-131	4.4	4
40	Loyal customer bases as innovation disincentives for duopolistic firms using strategic signaling and Bayesian analysis. <i>Annals of Operations Research</i> , 2016 , 244, 647-676	3.2	4
39	A new model for evaluating subjective online ratings with uncertain intervals. <i>Expert Systems With Applications</i> , 2020 , 139, 112850	7.8	4
38	Organizational Form and Payoff Imbalances in an Aggrievement Model: Cooperatives versus Privately Owned Wineries. <i>Journal of Wine Economics</i> , 2018 , 13, 263-281	0.8	4
37	R&D internationalisation and the strategic relevance of the institutional framework in host locations. <i>International Journal of Management and Decision Making</i> , 2016 , 15, 205	0.4	3
36	A Novel Decision Support Framework for Computing Expected Utilities from Linguistic Evaluations. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , 2017 , 25, 1005-1018	0.8	3
35	Analytical hierarchy process: revolution and evolution. <i>Annals of Operations Research</i> , 1	3.2	3
34	Choice Manipulation Through Comparability in Markets with Verifiable Multi-Attribute Products. <i>International Journal of Information Technology and Decision Making</i> , 2015 , 14, 339-374	2.8	2
33	An efficient controlled elitism non-dominated sorting genetic algorithm for multi-objective supplier selection under fuzziness. <i>Journal of Computational Design and Engineering</i> , 2020 , 7, 469-488	4.6	2
32	The value of information as a verification and regret-preventing mechanism in algorithmic search environments. <i>Information Sciences</i> , 2018 , 448-449, 187-214	7.7	2
31	Foreign Direct Investment Entry Modes, Development and Technological Spillovers. <i>Manchester School</i> , 2015 , 83, 568-603	0.8	2
30	INNOVATION DYNAMICS AND FINANCIAL STABILITY: A EUROPEAN UNION PERSPECTIVE. <i>Technological and Economic Development of Economy</i> , 2020 , 26, 1366-1398	4.7	2
29	A hybrid data envelopment analysis-artificial neural network prediction model for COVID-19 severity in transplant recipients. <i>Artificial Intelligence Review</i> , 2021 , 54, 1-32	9.7	2
28	Leader Effects and Gender Differences in Sequential Restaurant Ordering Environments. <i>Journal of Wine Economics</i> , 2018 , 13, 461-468	0.8	2
27	The effect of preference similarity on the formation of clusters and the connectivity of social networks. <i>Computers in Human Behavior</i> , 2017 , 72, 208-221	7.7	1
26	Do ethical leaders exist? A unified theoretical framework to identify and evaluate them. <i>International Journal of Management and Decision Making</i> , 2016 , 15, 277	0.4	1

25	A novel genetic algorithm based method for solving continuous nonlinear optimization problems through subdividing and labeling. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018 , 115, 27-38	4.6	1
24	Subdividing Labeling Genetic Algorithm: A new method for solving continuous nonlinear optimization problems 2017 ,		1
23	A multi-distance interval-valued neutrosophic approach for social failure detection in sustainable municipal waste management. <i>Journal of Cleaner Production</i> , 2022 , 336, 130409	10.3	1
22	An information retrieval benchmarking model of satisficing and impatient users behavior in online search environments. <i>Expert Systems With Applications</i> , 2022 , 191, 116352	7.8	1
21	Integrating fuzzy goal programming and data envelopment analysis to incorporate preferred decision-maker targets in efficiency measurement. <i>Decisions in Economics and Finance</i> , 2020 , 43, 673-690	0.7	1
20	Self-Organizing Social Networks by Preference Similarity and the Networking Capacity of their Users. <i>Procedia Computer Science</i> , 2016 , 83, 496-503	1.6	1
19	A novel hybrid method for selecting soccer players during the transfer season. <i>Expert Systems</i> , 2019 , 36, e12342	2.1	1
18	Modeling patients as decision making units: evaluating the efficiency of kidney transplantation through data envelopment analysis. <i>Health Care Management Science</i> , 2021 , 24, 55-71	4	1
17	Combinatorial abilities and heuristic behavior in online search environments. <i>Operations Research Perspectives</i> , 2021 , 8, 100179	2.1	1
16	A new algorithm for modeling online search behavior and studying ranking reliability variations. <i>Applied Intelligence</i> , 1	4.9	1
15	The role of anticipated emotions and the value of information in determining sequential search incentives. <i>Operations Research Perspectives</i> , 2019 , 6, 100106	2.1	0
14	Enhancing the pattern recognition capacity of machine learning techniques: The importance of feature positioning. <i>Machine Learning With Applications</i> , 2021 , 100196	6.5	0
13	Information acquisition and assimilation capacities as determinants of technological niche markets. <i>Journal of Innovation & Knowledge</i> , 2022 , 7, 100193	7.7	0
12	Managing team coordination incentives: the effect of payoff differentials. <i>Journal of CENTRUM Cathedra (JCC) the Business and Economics Research Journal</i> , 2016 , 9, 52-70		
11	Ein selbstregelnder Informationsbeschaffungsalgorithmus zur Vermeidung von Auswahlbedauern bei multiperspektivischen Entscheidungsfindungen. <i>Business & Information Systems Engineering</i> , 2014 , 56, 185-196		
10	The emergence of inclusive and exclusive virtual communities determined by the preferences of their users. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2017 , 8, 315-328	3.7	
9	FORMALISING THE DEMAND FOR TECHNOLOGICAL INNOVATIONS: RATIONAL HERDS, MARKET FRICTIONS AND NETWORK EFFECTS. <i>International Journal of Innovation Management</i> , 2017 , 21, 1750018	1.5	
8	RIROSE: Rational Information Retrieval in Online Search Environments. <i>Software Impacts</i> , 2022 , 12, 100248	4.8	

- 7 Strategic Diffusion of Information and Preference Manipulation 40-58
- 6 Implementing Data Envelopment Analysis in an Uncertain Perception-Based Online Evaluation Environment. *Communications in Computer and Information Science*, **2018**, 299-309 0.3
- 5 STRATEGIC SIGNALING AND NEW TECHNOLOGICALLY SUPERIOR PRODUCT INTRODUCTION: A GAME-THEORETIC MODEL WITH SIMULATION. *Technological and Economic Development of Economy*, **2018**, 24, 1466-1498 4.7
- 4 A Novel Heuristic Mechanism to Formalize Online Behavior Through Search Engine Credibility. *Advances in Intelligent Systems and Computing*, **2020**, 235-240 0.4
- 3 Facebook and Google as Regrettable Necessities. *International Journal of Strategic Decision Sciences*, **2020**, 11, 21-34 0.3
- 2 Metrics on Restaurant Ordering Behavior. *Cornell Hospitality Quarterly*, **2021**, 62, 386-404 2.2
- 1 On the evolution of technological knowledge and the structural economic consequences derived from its assimilation. *International Journal of Innovation and Learning*, **2016**, 19, 85 0.6