Francisco Javier Santos Arteaga

List of Publications by Year
in descending order

94 papers	1,510 citations	304368 22 h-index	377514 34 g-index
98 all docs	98 docs citations	98 times ranked	1322 citing authors

#	Article	IF	Citations
1	A fuzzy hybrid project portfolio selection method using Data Envelopment Analysis, TOPSIS and Integer Programming. Expert Systems With Applications, 2015, 42, 8432-8444.	4.4	122
2	A hybrid intelligent fuzzy predictive model with simulation for supplier evaluation and selection. Expert Systems With Applications, 2016, 61, 129-144.	4.4	94
3	A novel ant colony algorithm for solving shortest path problems with fuzzy arc weights. AEJ - Alexandria Engineering Journal, 2022, 61, 3403-3415.	3.4	67
4	Drone shipping versus truck delivery in a cross-docking system with multiple fleets and products. Expert Systems With Applications, 2017, 72, 93-107.	4.4	55
5	A fuzzy multi-criteria spatial decision support system for solar farm location planning. Energy Strategy Reviews, 2017, 18, 93-105.	3.3	54
6	An extended VIKOR method using stochastic data and subjective judgments. Computers and Industrial Engineering, 2016, 97, 240-247.	3.4	53
7	A fuzzy multi-objective multi-period network DEA model for efficiency measurement in oil refineries. Computers and Industrial Engineering, 2019, 135, 143-155.	3.4	45
8	Solving multi-mode timeâ€"costâ€"quality trade-off problems under generalized precedence relations. Optimization Methods and Software, 2015, 30, 965-1001.	1.6	44
9	A multicriteria spatial decision support system for solving emergency service station location problems. International Journal of Geographical Information Science, 2015, 29, 1187-1213.	2.2	43
10	An extended stochastic VIKOR model with decision maker's attitude towards risk. Information Sciences, 2018, 432, 301-318.	4.0	41
11	A novel two-stage DEA production model with freely distributed initial inputs and shared intermediate outputs. Expert Systems With Applications, 2018, 99, 213-230.	4.4	40
12	A conceptual analytic network model for evaluating and selecting third-party reverse logistics providers. International Journal of Advanced Manufacturing Technology, 2016, 86, 1705-1721.	1.5	38
13	A hybrid DEA-MOLP model for public school assessment and closure decision in the City of Philadelphia. Socio-Economic Planning Sciences, 2018, 61, 70-89.	2.5	38
14	A novel multi-objective meta-heuristic model for solving cross-docking scheduling problems. Applied Soft Computing Journal, 2015, 31, 30-47.	4.1	37
15	A discrete cuckoo optimization algorithm for consolidation in cloud computing. Computers and Industrial Engineering, 2018, 115, 495-511.	3.4	37
16	Analytical hierarchy process: revolution and evolution. Annals of Operations Research, 2023, 326, 879-907.	2.6	37
17	A comprehensive fuzzy DEA model for emerging market assessment and selection decisions. Applied Soft Computing Journal, 2016, 38, 676-702.	4.1	34
18	An integrated data envelopment analysis and simulation method for group consensus ranking. Mathematics and Computers in Simulation, 2016, 119, 1-17.	2.4	34

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19	Efficiency decomposition and measurement in two-stage fuzzy DEA models using a bargaining game approach. Computers and Industrial Engineering, 2018, 118, 394-408.	3.4	32
20	An integrated fuzzy sustainable supplier evaluation and selection framework for green supply chains in reverse logistics. Environmental Science and Pollution Research, 2021, 28, 53953-53982.	2.7	29
21	A dynamic multi-stage data envelopment analysis model with application to energy consumption in the cotton industry. Energy Economics, 2015, 51, 320-328.	5.6	28
22	An integrated three-stage maintenance scheduling model for unrelated parallel machines with aging effect and multi-maintenance activities. Computers and Industrial Engineering, 2015, 83, 226-236.	3.4	26
23	A Malmquist productivity index for network production systems in the energy sector. Annals of Operations Research, 2020, 284, 415-445.	2.6	23
24	Strategic Diffusion of Information and Preference Manipulation. International Journal of Strategic Decision Sciences, 2011, 2, 1-19.	0.0	20
25	A novel multi-objective green vehicle routing and scheduling model with stochastic demand, supply, and variable travel times. Computers and Operations Research, 2022, 141, 105698.	2.4	20
26	The optimal sequential information acquisition structure: A rational utility-maximizing perspective. Applied Mathematical Modelling, 2014, 38, 3419-3435.	2.2	19
27	A customized genetic algorithm for solving multi-period cross-dock truck scheduling problems. Measurement: Journal of the International Measurement Confederation, 2017, 108, 101-118.	2.5	19
28	A dynamic multi-stage slacks-based measure data envelopment analysis model with knowledge accumulation and technological evolution. European Journal of Operational Research, 2019, 278, 448-462.	3.5	19
29	A Review of Uncertain Decision-Making Methods in Energy Management Using Text Mining and Data Analytics. Energies, 2020, 13, 3947.	1.6	16
30	Efficiency measurement in data envelopment analysis in the presence of ordinal and interval data. Neural Computing and Applications, 2018, 30, 1971-1982.	3.2	14
31	An integrated data envelopment analysis and mixed integer non-linear programming model for linearizing the common set of weights. Central European Journal of Operations Research, 2019, 27, 887-904.	1.1	14
32	An optimal information gathering algorithm. International Journal of Applied Decision Sciences, 2009, 2, 105.	0.2	13
33	Poverty traps in a frictionless world: The effects of learning and technology assimilation. Structural Change and Economic Dynamics, 2011, 22, 106-115.	2.1	13
34	An optimal information acquisition model for competitive advantage in complex multiperspective environments. Applied Mathematics and Computation, 2014, 240, 175-199.	1.4	13
35	Modeling signal-based decisions in online search environments: A non-recursive forward-looking approach. Information and Management, 2016, 53, 207-226.	3.6	13
36	A novel optimization model for designing compact, balanced, and contiguous healthcare districts. Journal of the Operational Research Society, 2020, 71, 1740-1759.	2.1	12

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37	Technology Development through Knowledge Assimilation and Innovation. Journal of Global Information Management, 2015, 23, 48-93.	1.4	10
38	Innovation dynamics and labor force restructuring with asymmetrically developed national innovation systems. International Business Review, 2017, 26, 36-56.	2.6	10
39	A novel entropy-based decision support framework for uncertainty resolution in the initial subjective evaluations of experts: The NATO enlargement problem. Decision Support Systems, 2015, 74, 135-149.	3.5	9
40	Modeling Sequential Information Acquisition Behavior in Rational Decision Making. Decision Sciences, 2016, 47, 720-761.	3.2	9
41	An intuitionistic fuzzy-grey superiority and inferiority ranking method for third-party reverse logistics provider selection. International Journal of Systems Science: Operations and Logistics, 2018, 5, 175-194.	2.0	9
42	A hybrid data envelopment analysis–artificial neural network prediction model for COVID-19 severity in transplant recipients. Artificial Intelligence Review, 2021, 54, 4653-4684.	9.7	9
43	Information and intertemporal decision processes in banking: the run on Northern Rock. International Journal of Applied Decision Sciences, 2008, 1, 359.	0.2	8
44	Cardinal versus ordinal criteria in choice under risk with disconnected utility ranges. Journal of Mathematical Economics, 2011, 47, 588-594.	0.4	8
45	A bilateral exchange model: The paradox of quantifying the linguistic values of qualitative characteristics. Information Sciences, 2015, 296, 201-218.	4.0	8
46	Organizational Form and Payoff Imbalances in an Aggrievement Model: Cooperatives versus Privately Owned Wineries. Journal of Wine Economics, 2018, 13, 263-281.	0.4	8
47	A novel lexicographic optimization method for solving shortest path problems with interval-valued triangular fuzzy arc weights. Journal of Intelligent and Fuzzy Systems, 2020, 39, 1277-1287.	0.8	8
48	INNOVATION DYNAMICS AND FINANCIAL STABILITY: A EUROPEAN UNION PERSPECTIVE. Technological and Economic Development of Economy, 2020, 26, 1366-1398.	2.3	8
49	An information retrieval benchmarking model of satisficing and impatient users' behavior in online search environments. Expert Systems With Applications, 2022, 191, 116352.	4.4	8
50	A game-theoretical model of bank foreign direct investment strategy in emerging market economies. International Journal of Bank Marketing, 2014, 32, 194-222.	3.6	7
51	An ordinal ranking criterion for the subjective evaluation of alternatives and exchange reliability. Information Sciences, 2015, 317, 295-314.	4.0	7
52	TECHNOLOGICAL ASSIMILATION AND DIVERGENCE IN TIMES OF CRISIS. Technological and Economic Development of Economy, 2016, 22, 254-273.	2.3	7
53	A multi-criteria perception-based strict-ordering algorithm for identifying the most-preferred choice among equally-evaluated alternatives. Information Sciences, 2017, 381, 322-340.	4.0	7
54	A new model for evaluating subjective online ratings with uncertain intervals. Expert Systems With Applications, 2020, 139, 112850.	4.4	7

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55	An efficient controlled elitism non-dominated sorting genetic algorithm for multi-objective supplier selection under fuzziness. Journal of Computational Design and Engineering, 2020, 7, 469-488.	1.5	7
56	Information acquisition processes and their continuity: Transforming uncertainty into risk. Information Sciences, 2014, 274, 108-124.	4.0	6
57	A novel perception-based DEA method to evaluate alternatives in uncertain online environments. Computers and Industrial Engineering, 2019, 131, 327-343.	3.4	6
58	A novel hybrid method for selecting soccer players during the transfer season. Expert Systems, 2019, 36, e12342.	2.9	6
59	A multi-distance interval-valued neutrosophic approach for social failure detection in sustainable municipal waste management. Journal of Cleaner Production, 2022, 336, 130409.	4.6	6
60	A Self-regulating Information Acquisition Algorithm for Preventing Choice Regret in Multi-perspective Decision Making. Business and Information Systems Engineering, 2014, 6, 165-175.	4.0	5
61	Modeling patients as decision making units: evaluating the efficiency of kidney transplantation through data envelopment analysis. Health Care Management Science, 2021, 24, 55-71.	1.5	5
62	Dynamic effects of learning on the innovative outputs and productivity in Spanish multinational enterprises. Journal of Technology Transfer, 2019, 44, 97-131.	2.5	5
63	Climbing quality ladders and the evolution of technology dynamics: rethinking the role of demand in technological change. International Journal of Operational Research, 2014, 20, 121.	0.1	4
64	Foreign Direct Investment Entry Modes, Development and Technological Spillovers. Manchester School, 2015, 83, 568-603.	0.4	4
65	Loyal customer bases as innovation disincentives for duopolistic firms using strategic signaling and Bayesian analysis. Annals of Operations Research, 2016, 244, 647-676.	2.6	4
66	An optimal sequential information acquisition model subject to a heuristic assimilation constraint. Benchmarking, 2016, 23, 937-982.	2.9	4
67	Multi-stage supply chain network solution methods: hybrid metaheuristics and performance measurement. International Journal of Systems Science: Operations and Logistics, 2018, 5, 356-373.	2.0	4
68	Leader Effects and Gender Differences in Sequential Restaurant Ordering Environments. Journal of Wine Economics, 2018, 13, 461-468.	0.4	4
69	Integrating fuzzy goal programming and data envelopment analysis to incorporate preferred decision-maker targets in efficiency measurement. Decisions in Economics and Finance, 2020, 43, 673-690.	1.1	4
70	R&D internationalisation and the strategic relevance of the institutional framework in host locations. International Journal of Management and Decision Making, 2016, 15, 205.	0.1	3
71	A Novel Decision Support Framework for Computing Expected Utilities from Linguistic Evaluations. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2017, 25, 1005-1018.	0.9	3
72	A novel genetic algorithm based method for solving continuous nonlinear optimization problems through subdividing and labeling. Measurement: Journal of the International Measurement Confederation, 2018, 115, 27-38.	2.5	3

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73	Enhancing the pattern recognition capacity of machine learning techniques: The importance of feature positioning. Machine Learning With Applications, 2021, , 100196.	3.0	3
74	Choice Manipulation Through Comparability in Markets with Verifiable Multi-Attribute Products. International Journal of Information Technology and Decision Making, 2015, 14, 339-374.	2.3	2
75	The effect of preference similarity on the formation of clusters and the connectivity of social networks. Computers in Human Behavior, 2017, 72, 208-221.	5.1	2
76	The value of information as a verification and regret-preventing mechanism in algorithmic search environments. Information Sciences, 2018, 448-449, 187-214.	4.0	2
77	The role of anticipated emotions and the value of information in determining sequential search incentives. Operations Research Perspectives, 2019, 6, 100106.	1.2	2
78	Do ethical leaders exist? A unified theoretical framework to identify and evaluate them. International Journal of Management and Decision Making, 2016, 15, 277.	0.1	1
79	On the evolution of technological knowledge and the structural economic consequences derived from its assimilation. International Journal of Innovation and Learning, 2016, 19, 85.	0.4	1
80	Self-Organizing Social Networks by Preference Similarity and the Networking Capacity of their Users. Procedia Computer Science, 2016, 83, 496-503.	1.2	1
81	Subdividing Labeling Genetic Algorithm: A new method for solving continuous nonlinear optimization problems. , 2017, , .		1
82	Combinatorial abilities and heuristic behavior in online search environments. Operations Research Perspectives, 2021, 8, 100179.	1.2	1
83	Metrics on Restaurant Ordering Behavior. Cornell Hospitality Quarterly, 2021, 62, 386-404.	2.2	1
84	A new algorithm for modeling online search behavior and studying ranking reliability variations. Applied Intelligence, 2022, 52, 7529-7549.	3.3	1
85	Information acquisition and assimilation capacities as determinants of technological niche markets. Journal of Innovation & Knowledge, 2022, 7, 100193.	7.3	1
86	Managing team coordination incentives: the effect of payoff differentials. Journal of CENTRUM Cathedra (JCC) the Business and Economics Research Journal, 2016, 9, 52-70.	0.4	0
87	The emergence of inclusive and exclusive virtual communities determined by the preferences of their users. Journal of Ambient Intelligence and Humanized Computing, 2017, 8, 315-328.	3.3	0
88	FORMALISING THE DEMAND FOR TECHNOLOGICAL INNOVATIONS: RATIONAL HERDS, MARKET FRICTIONS AND NETWORK EFFECTS. International Journal of Innovation Management, 2017, 21, 1750018.	0.7	0
89	Special Issue on Algorithms and Models for Dynamic Multiple Criteria Decision Making. Algorithms, 2021, 14, 233.	1.2	0
90	STRATEGIC SIGNALING AND NEW TECHNOLOGICALLY SUPERIOR PRODUCT INTRODUCTION: A GAME-THEORETIC MODEL WITH SIMULATION. Technological and Economic Development of Economy, 2018, 24, 1466-1498.	2.3	0

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91	Facebook and Google as Regrettable Necessities. International Journal of Strategic Decision Sciences, 2020, 11, 21-34.	0.0	0
92	International migratory agreements: the paradox of adverse interest. IZA Journal of Development and Migration, 2020, 11, .	0.5	0
93	Strategic Diffusion of Information and Preference Manipulation. , 0, , 40-58.		0
94	RIROSE: Rational Information Retrieval in Online Search Environments. Software Impacts, 2022, 12, 100248.	0.8	0