

# Ana Paula Costa

## List of Publications by Year in descending order

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99  
papers

1,447  
citations

471371

17  
h-index

377752

34  
g-index

101  
all docs

101  
docs citations

101  
times ranked

1177  
citing authors

#	ARTICLE	IF	CITATIONS
1	A new method for elicitation of criteria weights in additive models: Flexible and interactive tradeoff. <i>European Journal of Operational Research</i> , 2016, 250, 179-191.	3.5	194
2	Improving decision-making and management of hospital resources: An application of the PROMETHEE II method in an Emergency Department. <i>Operations Research for Health Care</i> , 2014, 3, 1-6.	0.8	112
3	A multidimensional approach to information security risk management using FMEA and fuzzy theory. <i>International Journal of Information Management</i> , 2014, 34, 733-740.	10.5	96
4	Decision model for allocating human resources in information system projects. <i>International Journal of Project Management</i> , 2013, 31, 100-108.	2.7	58
5	Use of enzymes to improve the refining of a bleached <i>Eucalyptus globulus</i> kraft pulp. <i>Biochemical Engineering Journal</i> , 2009, 46, 89-95.	1.8	57
6	Cybersecurity risk analysis model using fault tree analysis and fuzzy decision theory. <i>International Journal of Information Management</i> , 2018, 43, 248-260.	10.5	55
7	Using data visualization for ranking alternatives with partial information and interactive tradeoff elicitation. <i>Operational Research</i> , 2019, 19, 909-931.	1.3	51
8	Enterprise maturity models: a systematic literature review. <i>Enterprise Information Systems</i> , 2019, 13, 719-769.	3.3	47
9	Information security risk analysis model using fuzzy decision theory. <i>International Journal of Information Management</i> , 2016, 36, 25-34.	10.5	44
10	Using value-focused thinking in Brazil. <i>Pesquisa Operacional</i> , 2013, 33, 73-88.	0.1	41
11	Green chemicals and process to graft cellulose fibers. <i>Journal of Colloid and Interface Science</i> , 2009, 330, 298-302.	5.0	34
12	Hydrogen peroxide bleaching of <i>Arundo donax</i> L. kraft-anthraquinone pulp – Effect of a chelating stage. <i>Industrial Crops and Products</i> , 2007, 25, 288-293.	2.5	30
13	Grafting of Paper by Silane Coupling Agents Using Cold Plasma Discharges. <i>Plasma Processes and Polymers</i> , 2008, 5, 444-452.	1.6	29
14	Establishing the relationship between asset management and business performance. <i>International Journal of Production Economics</i> , 2021, 232, 107937.	5.1	25
15	The Roles of Big Data in the Decision-Support Process: An Empirical Investigation. <i>Lecture Notes in Business Information Processing</i> , 2015, , 10-21.	0.8	23
16	<i>Ailanthus altissima</i> : An alternative fiber source for papermaking. <i>Industrial Crops and Products</i> , 2014, 52, 32-37.	2.5	20
17	A flexible elicitation procedure for additive model scale constants. <i>Annals of Operations Research</i> , 2017, 259, 65-83.	2.6	18
18	Probabilistic Composition of Preferences in the Graph Model with Application to the New Recife Project. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2017, 9, .	0.9	18

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19	Neuroscience experiment applied to investigate decision-maker behavior in the tradeoff elicitation procedure. <i>Annals of Operations Research</i> , 2020, 289, 67-84.	2.6	18
20	Combining multi-criteria and directional distances to decompose non-compensatory measures of sustainable banking efficiency. <i>Applied Economics Letters</i> , 2020, 27, 329-334.	1.0	18
21	Integrating value-focused thinking and FITradeoff to support information technology outsourcing decisions. <i>Management Decision</i> , 2020, 58, 2279-2304.	2.2	18
22	The Full Knowledge of Big Data in the Integration of Inter-Organizational Information. <i>International Journal of Decision Support System Technology</i> , 2017, 9, 16-31.	0.4	17
23	Modelo de decis�o multicrit�rio para prioriza�o de sistemas de informa�o com base no m�todo PROMETHEE. <i>Gest�o &amp; Produ�o</i> , 2002, 9, 201-214.	0.5	16
24	Alcohol and violent behavior among football spectators: An empirical assessment of Brazilian's criminalization. <i>International Journal of Law, Crime and Justice</i> , 2017, 51, 34-44.	0.4	16
25	Strategic Analysis of a Regulatory Conflict Using Dempster-Shafer Theory and AHP for Preference Elicitation. <i>Journal of Systems Science and Systems Engineering</i> , 2019, 28, 415-433.	0.8	16
26	Planning and competitiveness in maintenance management. <i>Journal of Quality in Maintenance Engineering</i> , 2009, 15, 259-270.	1.0	15
27	Continuous cooperation: A proposal using a fuzzy multicriteria sorting method. <i>International Journal of Production Economics</i> , 2014, 151, 67-75.	5.1	15
28	Poly(lactic acid) composites reinforced with kraft pulp fibres: Production by a papermaking process and characterisation. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 121, 273-282.	3.8	15
29	A multi-criteria-based hazard and operability analysis for process safety. <i>Chemical Engineering Research and Design</i> , 2020, 144, 310-321.	2.7	14
30	PORTFOLIO SELECTION OF INFORMATION SYSTEMS PROJECTS USING PROMETHEE V WITH C-OPTIMAL CONCEPT. <i>Pesquisa Operacional</i> , 2014, 34, 275-299.	0.1	13
31	Urban Planning in Recife, Brazil: Evidence from a Conflict Analysis on the New Recife Project. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2017, 143, .	0.8	13
32	Selection of an Integrated Security Area for locating a State Military Police Station based on MCDM/A method. , 2019, , .		13
33	Exogenous crimes and the assessment of public safety efficiency and effectiveness. <i>Annals of Operations Research</i> , 2022, 316, 1349-1382.	2.6	13
34	A multicriteria method based approach to the BPMM selection problem. , 2017, , .		12
35	A Grey Theory Based Approach to Big Data Risk Management Using FMEA. <i>Mathematical Problems in Engineering</i> , 2016, 2016, 1-15.	0.6	11
36	A strategic conflict analysis in IT outsourcing using the graph model for conflict resolution. <i>Journal of Enterprise Information Management</i> , 2020, 33, 1581-1598.	4.4	10

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37	Negotiation model for group decision with ELECTRE TRI – the ELECTRE TRI-NG. <i>Journal of Decision Systems</i> , 2012, 21, 121-136.	2.2	9
38	IT Project Investments: An Analysis Based on a Sort and Rank Problem. <i>International Journal of Information Technology and Decision Making</i> , 2014, 13, 699-719.	2.3	9
39	Exploring cognitive aspects of FITradeoff method using neuroscience tools. <i>Annals of Operations Research</i> , 2022, 312, 1147-1169.	2.6	9
40	Impact of embossing on liquid absorption of toilet tissue papers. <i>BioResources</i> , 2020, 15, 3888-3898.	0.5	9
41	Cold plasma-assisted paper recycling. <i>Industrial Crops and Products</i> , 2013, 43, 114-118.	2.5	8
42	Big Data Analytics to Improve the Decision-Making Process in Public Safety: A Case Study in Northeast Brazil. <i>Lecture Notes in Business Information Processing</i> , 2018, , 76-87.	0.8	8
43	Modeling sequential bargains and personalities in democratic deliberation systems. <i>Kybernetes</i> , 2018, 47, 1906-1923.	1.2	8
44	Spatial visualization on patterns of disaggregate robberies. <i>Operational Research</i> , 2019, 19, 857-886.	1.3	8
45	Multicriteria Ranking for the Efficient and Effective Assessment of Police Departments. <i>Sustainability</i> , 2021, 13, 4251.	1.6	8
46	Influence of tissue paper converting conditions on finished product softness. <i>BioResources</i> , 2020, 15, 7178-7190.	0.5	8
47	Improving Asset Management under a regulatory view. <i>Reliability Engineering and System Safety</i> , 2019, 190, 106523.	5.1	7
48	Invalid Votes, Deliberate Abstentions, and the Brazilian Crisis of Representation. <i>Politics and Policy</i> , 2019, 47, 381-406.	0.6	7
49	Time-Series Directional Efficiency for Knowledge Benchmarking in Service Organizations. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 333-339.	0.5	7
50	A hybrid multi-objective genetic algorithm for scheduling heterogeneous workover rigs on onshore oil fields. <i>Journal of Petroleum Science and Engineering</i> , 2020, 195, 107935.	2.1	6
51	A Risk Assessment Framework Proposal Based on Bow-Tie Analysis for Medical Image Diagnosis Sharing within Telemedicine. <i>Sensors</i> , 2021, 21, 2426.	2.1	6
52	Theoretical and Empirical Advances in the Assessment of Productive Efficiency since the introduction of DEA: A Bibliometric Analysis. <i>International Journal of Operational Research</i> , 2020, 1, 1.	0.1	6
53	Fuzzy Cognitive Scenario Mapping for Causes of Cybersecurity in Telehealth Services. <i>Healthcare (Switzerland)</i> , 2021, 9, 1504.	1.0	6
54	Selection of a Business Process Management system: An analysis based on a Multicriteria problem. , 2014, , .		5

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55	Multidimensional sorting framework of cities regarding the concept of sustainable and smart cities with an application to Brazilian capitals. <i>Sustainable Cities and Society</i> , 2021, 74, 103193.	5.1	5
56	A DSS for Resolving Evaluation of Criteria by Interactive Flexible Elicitation Procedure. <i>Lecture Notes in Business Information Processing</i> , 2014, , 157-166.	0.8	5
57	Exploring knowledge benchmarking using <sc>timeâ€series</sc> directional distance functions and bibliometrics. <i>Expert Systems</i> , 2023, 40, .	2.9	5
58	Embossing Pressure Effect on Mechanical and Softness Properties of Industrial Base Tissue Papers with Finite Element Method Validation. <i>Materials</i> , 2022, 15, 4324.	1.3	5
59	Group Decision Approach to Adopt Green IT Practices Based on S.W.O.T Analysis. , 2013, , .		4
60	Group Decision Model for Outsourcing IT Services. <i>Procedia Technology</i> , 2014, 16, 562-568.	1.1	4
61	Analysis of IT Outsourcing Services Failures Based on an Existing Risk Model. , 2015, , .		4
62	Abordagem multicritÃ©rio de apoio a decisÃµes estrategicamente sustentÃveis nas organizaÃµes. <i>Revista ProduÃ£o Online</i> , 2015, 15, 925-947.	0.1	4
63	Atypical pelvic recurrence of anal squamous cell carcinoma: successful endoscopic ultrasound-guided fine-needle aspiration through the sigmoid colon. <i>International Journal of Colorectal Disease</i> , 2015, 30, 139-140.	1.0	4
64	A decision model for energy companies that sorts projects, classifies the project manager and recommends the final match between project and project manager. <i>Production</i> , 2016, 26, 91-104.	1.3	4
65	The Main Critical Success Factors of Contractual and Relational Governances in Outsourcing Relationships. <i>Advances in Intelligent Systems and Computing</i> , 2016, , 3-12.	0.5	4
66	Decision process of allocating projects to project managers. <i>Production Planning and Control</i> , 2018, 29, 645-654.	5.8	4
67	DiagnÃstico da gestÃo da manutenÃo em indÃstrias de mÃdio e grande porte da regiÃo metropolitana de Recife. <i>Production</i> , 2013, 23, 226-240.	1.3	3
68	A Decision Support System for Sizing the Call Center of an Electrical Power Distributor. <i>International Journal of Decision Support System Technology</i> , 2014, 6, 63-76.	0.4	3
69	Contractual Misincentives in the Outsourcing of Information Technology: A Principal-Agent Approach. , 2020, , 1-10.		3
70	Aspectos relevantes dos SAD nas organizaÃµes: um estudo exploratÃrio. <i>Production</i> , 2006, 16, 8-23.	1.3	3
71	Cold-plasma Assisted Hydrophobisation of Lignocellulosic Fibres. <i>Current Organic Chemistry</i> , 2013, 17, 892-899.	0.9	3
72	FITradeoff Decision Support System: An Exploratory Study with Neuroscience Tools. <i>Lecture Notes in Information Systems and Organisation</i> , 2020, , 365-372.	0.4	3

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73	Impact of 5-ply toilet paper configuration on its mechanical and absorption properties. BioResources, 2020, 15, 7475-7486.	0.5	3
74	FEM Analysis Validation of Rubber Hardness Impact on Mechanical and Softness Properties of Embossed Industrial Base Tissue Papers. Polymers, 2022, 14, 2485.	2.0	3
75	Um modelo de otimiza�o para prioriza�o em planejamento de Sistemas de Informa�o. Production, 2010, 20, 265-273.	1.3	2
76	A multicriteria model for characterizing the strategic role of IT in organizations. , 2014, , .		2
77	Bibliometric Analysis Of R&D In The Energy Sector. IEEE Latin America Transactions, 2016, 14, 1221-1226.	1.2	2
78	A nominal classification method using minimum profiles to classify IT service contractors. , 2017, , .		2
79	A Multicriteria Nominal Classification Method to Define Public Safety Policies in Brazilian States. , 2018, , .		2
80	Neuroscience Tools for Group Decision and Negotiation. , 2020, , 1-24.		2
81	Profiles of Brazilian IS/IT professionals: Hierarchical and decision levels in an organization. Technology in Society, 2009, 31, 305-314.	4.8	1
82	Quality evaluation of information technology project - A multicriteria approach. , 2012, , .		1
83	Research Developments of Group Decision and Negotiation in Latin America. Group Decision and Negotiation, 2012, 21, 129-132.	2.0	1
84	Assessing value-based objectives for developing business-IT strategies. , 2013, , .		1
85	Group Decision Support Model for Prioritizing Information Systems Based on a Multicriteria Method. , 2013, , .		1
86	Personality Traits and Negotiation Style Effects on Negotiators' Perceptions in a Web-Based Negotiation. Journal of Organizational and End User Computing, 2018, 30, 1-19.	1.6	1
87	An Outranking Multicriteria Method for Nominal Classification Problems with Minimum Performance Profiles. Mathematical Problems in Engineering, 2019, 2019, 1-14.	0.6	1
88	Neuroscience Tools for Group Decision and Negotiation. , 2021, , 315-338.		1
89	SAD: an�lise da percep�o de usu�rios e desenvolvedores atrav�s de an�lise fatorial. Production, 2006, 16, 216-228.	1.3	1
90	A model for evaluating efficiency - an application in information technology and systems investments. Pesquisa Operacional, 2012, 32, 597-616.	0.1	0

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91	Incremental value of hormonal therapy for deep vein thrombosis prediction. Blood Coagulation and Fibrinolysis, 2016, 27, 328-333.	0.5	0
92	Structuring the Asset Management Based on ISO 55001 and ISO 31000: Where to Start?. , 2018, , .		0
93	A Process Prioritization Model for Implementing Risk Management: The Case of a Brazilian Public University. , 2019, , .		0
94	Multiple Criteria Group Decisions with Partial Information About Preference. , 2021, , 921-945.		0
95	As empresas da Região Metropolitana do Recife e a exploraçãŁo de SI/TI. Production, 2006, 16, 229-243.	1.3	0
96	Random-Subset Voting. Jasss, 2018, 21, .	1.0	0
97	Multiple Criteria Group Decisions with Partial Information About Preference. , 2020, , 1-25.		0
98	A Novel Conflict Resolution Model with The Composition of Probabilistic Preferences Methodologyâ€“CRM CPP. Group Decision and Negotiation, 0, , 1.	2.0	0
99	PROPOSITION OF A MATHEMATICAL PROGRAMMING MODEL FOR ALLOCATING HUMAN RESOURCES CONSIDERING MULTIPLE FACTORS AND USING DIFFERENT HEURISTICS. Pesquisa Operacional, 0, 42, .	0.1	0