

# 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	Exploring knowledge benchmarking using <sc>timeâ€series</sc> directional distance functions and bibliometrics. Expert Systems, 2023, 40, .	2.9	5
2	Exogenous crimes and the assessment of public safety efficiency and effectiveness. Annals of Operations Research, 2022, 316, 1349-1382.	2.6	13
3	Exploring cognitive aspects of FITradeoff method using neuroscience tools. Annals of Operations Research, 2022, 312, 1147-1169.	2.6	9
4	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
5	Embossing Pressure Effect on Mechanical and Softness Properties of Industrial Base Tissue Papers with Finite Element Method Validation. Materials, 2022, 15, 4324.	1.3	5
6	Multiple Criteria Group Decisions with Partial Information About Preference. , 2021, , 921-945.		0
7	Neuroscience Tools for Group Decision and Negotiation. , 2021, , 315-338.		1
8	Establishing the relationship between asset management and business performance. International Journal of Production Economics, 2021, 232, 107937.	5.1	25
9	A Risk Assessment Framework Proposal Based on Bow-Tie Analysis for Medical Image Diagnosis Sharing within Telemedicine. Sensors, 2021, 21, 2426.	2.1	6
10	Multicriteria Ranking for the Efficient and Effective Assessment of Police Departments. Sustainability, 2021, 13, 4251.	1.6	8
11	Multidimensional sorting framework of cities regarding the concept of sustainable and smart cities with an application to Brazilian capitals. Sustainable Cities and Society, 2021, 74, 103193.	5.1	5
12	Fuzzy Cognitive Scenario Mapping for Causes of Cybersecurity in Telehealth Services. Healthcare (Switzerland), 2021, 9, 1504.	1.0	6
13	Neuroscience experiment applied to investigate decision-maker behavior in the tradeoff elicitation procedure. Annals of Operations Research, 2020, 289, 67-84.	2.6	18
14	Combining multi-criteria and directional distances to decompose non-compensatory measures of sustainable banking efficiency. Applied Economics Letters, 2020, 27, 329-334.	1.0	18
15	A strategic conflict analysis in IT outsourcing using the graph model for conflict resolution. Journal of Enterprise Information Management, 2020, 33, 1581-1598.	4.4	10
16	A multi-criteria-based hazard and operability analysis for process safety. Chemical Engineering Research and Design, 2020, 144, 310-321.	2.7	14
17	Integrating value-focused thinking and FITradeoff to support information technology outsourcing decisions. Management Decision, 2020, 58, 2279-2304.	2.2	18
18	A hybrid multi-objective genetic algorithm for scheduling heterogeneous workover rigs on onshore oil fields. Journal of Petroleum Science and Engineering, 2020, 195, 107935.	2.1	6

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19	Time-Series Directional Efficiency for Knowledge Benchmarking in Service Organizations. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 333-339.	0.5	7
20	Contractual Misincentives in the Outsourcing of Information Technology: A Principal-Agent Approach. , 2020, , 1-10.		3
21	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
22	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
23	Impact of embossing on liquid absorption of toilet tissue papers. <i>BioResources</i> , 2020, 15, 3888-3898.	0.5	9
24	Influence of tissue paper converting conditions on finished product softness. <i>BioResources</i> , 2020, 15, 7178-7190.	0.5	8
25	Impact of 5-ply toilet paper configuration on its mechanical and absorption properties. <i>BioResources</i> , 2020, 15, 7475-7486.	0.5	3
26	Neuroscience Tools for Group Decision and Negotiation. , 2020, , 1-24.		2
27	Multiple Criteria Group Decisions with Partial Information About Preference. , 2020, , 1-25.		0
28	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
29	An Outranking Multicriteria Method for Nominal Classification Problems with Minimum Performance Profiles. <i>Mathematical Problems in Engineering</i> , 2019, 2019, 1-14.	0.6	1
30	Improving Asset Management under a regulatory view. <i>Reliability Engineering and System Safety</i> , 2019, 190, 106523.	5.1	7
31	Spatial visualization on patterns of disaggregate robberies. <i>Operational Research</i> , 2019, 19, 857-886.	1.3	8
32	Invalid Votes, Deliberate Abstentions, and the Brazilian Crisis of Representation. <i>Politics and Policy</i> , 2019, 47, 381-406.	0.6	7
33	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
34	Enterprise maturity models: a systematic literature review. <i>Enterprise Information Systems</i> , 2019, 13, 719-769.	3.3	47
35	A Process Prioritization Model for Implementing Risk Management: The Case of a Brazilian Public University. , 2019, , .		0
36	Selection of an Integrated Security Area for locating a State Military Police Station based on MCDM/A method. , 2019, , .		13

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37	Using data visualization for ranking alternatives with partial information and interactive tradeoff elicitation. <i>Operational Research</i> , 2019, 19, 909-931.	1.3	51
38	Decision process of allocating projects to project managers. <i>Production Planning and Control</i> , 2018, 29, 645-654.	5.8	4
39	Structuring the Asset Management Based on ISO 55001 and ISO 31000: Where to Start?. , 2018, , .		0
40	A Multicriteria Nominal Classification Method to Define Public Safety Policies in Brazilian States. , 2018, , .		2
41	Personality Traits and Negotiation Style Effects on Negotiators' Perceptions in a Web-Based Negotiation. <i>Journal of Organizational and End User Computing</i> , 2018, 30, 1-19.	1.6	1
42	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
43	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
44	Modeling sequential bargains and personalities in democratic deliberation systems. <i>Kybernetes</i> , 2018, 47, 1906-1923.	1.2	8
45	Random-Subset Voting. <i>Jasss</i> , 2018, 21, .	1.0	0
46	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
47	A flexible elicitation procedure for additive model scale constants. <i>Annals of Operations Research</i> , 2017, 259, 65-83.	2.6	18
48	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
49	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
50	A nominal classification method using minimum profiles to classify IT service contractors. , 2017, , .		2
51	A multicriteria method based approach to the BPMM selection problem. , 2017, , .		12
52	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
53	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
54	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

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55	Incremental value of hormonal therapy for deep vein thrombosis prediction. Blood Coagulation and Fibrinolysis, 2016, 27, 328-333.	0.5	0
56	The Main Critical Success Factors of Contractual and Relational Governances in Outsourcing Relationships. Advances in Intelligent Systems and Computing, 2016, , 3-12.	0.5	4
57	Bibliometric Analysis Of R&D In The Energy Sector. IEEE Latin America Transactions, 2016, 14, 1221-1226.	1.2	2
58	Information security risk analysis model using fuzzy decision theory. International Journal of Information Management, 2016, 36, 25-34.	10.5	44
59	A new method for elicitation of criteria weights in additive models: Flexible and interactive tradeoff. European Journal of Operational Research, 2016, 250, 179-191.	3.5	194
60	Analysis of IT Outsourcing Services Failures Based on an Existing Risk Model. , 2015, , .		4
61	Abordagem multicrit�rio de apoio a decis�es estrategicamente sustent�veis nas organiza�es. Revista Produ�o Online, 2015, 15, 925-947.	0.1	4
62	The Roles of Big Data in the Decision-Support Process: An Empirical Investigation. Lecture Notes in Business Information Processing, 2015, , 10-21.	0.8	23
63	Atypical pelvic recurrence of anal squamous cell carcinoma: successful endoscopic ultrasound-guided fine-needle aspiration through the sigmoid colon. International Journal of Colorectal Disease, 2015, 30, 139-140.	1.0	4
64	A Decision Support System for Sizing the Call Center of an Electrical Power Distributor. International Journal of Decision Support System Technology, 2014, 6, 63-76.	0.4	3
65	Selection of a Business Process Management system: An analysis based on a Multicriteria problem. , 2014, , .		5
66	IT Project Investments: An Analysis Based on a Sort and Rank Problem. International Journal of Information Technology and Decision Making, 2014, 13, 699-719.	2.3	9
67	Group Decision Model for Outsourcing IT Services. Procedia Technology, 2014, 16, 562-568.	1.1	4
68	Improving decision-making and management of hospital resources: An application of the PROMETHEE II method in an Emergency Department. Operations Research for Health Care, 2014, 3, 1-6.	0.8	112
69	Continuous cooperation: A proposal using a fuzzy multicriteria sorting method. International Journal of Production Economics, 2014, 151, 67-75.	5.1	15
70	A multidimensional approach to information security risk management using FMEA and fuzzy theory. International Journal of Information Management, 2014, 34, 733-740.	10.5	96
71	Ailanthus altissima: An alternative fiber source for papermaking. Industrial Crops and Products, 2014, 52, 32-37.	2.5	20
72	PORTFOLIO SELECTION OF INFORMATION SYSTEMS PROJECTS USING PROMETHEE V WITH C-OPTIMAL CONCEPT. Pesquisa Operacional, 2014, 34, 275-299.	0.1	13

#	ARTICLE	IF	CITATIONS
73	A multicriteria model for characterizing the strategic role of IT in organizations. , 2014, , .		2
74	A DSS for Resolving Evaluation of Criteria by Interactive Flexible Elicitation Procedure. Lecture Notes in Business Information Processing, 2014, , 157-166.	0.8	5
75	Group Decision Approach to Adopt Green IT Practices Based on S.W.O.T Analysis. , 2013, , .		4
76	Assessing value-based objectives for developing business-IT strategies. , 2013, , .		1
77	Cold plasma-assisted paper recycling. Industrial Crops and Products, 2013, 43, 114-118.	2.5	8
78	Decision model for allocating human resources in information system projects. International Journal of Project Management, 2013, 31, 100-108.	2.7	58
79	Group Decision Support Model for Prioritizing Information Systems Based on a Multicriteria Method. , 2013, , .		1
80	Using value-focused thinking in Brazil. Pesquisa Operacional, 2013, 33, 73-88.	0.1	41
81	Diagn�stico da gest�o da manuten�o em ind�strias de m�dio e grande porte da regi�o metropolitana de Recife. Production, 2013, 23, 226-240.	1.3	3
82	Cold-plasma Assisted Hydrophobisation of Lignocellulosic Fibres. Current Organic Chemistry, 2013, 17, 892-899.	0.9	3
83	Negotiation model for group decision with ELECTRE TRI � the ELECTRE TRI-NG. Journal of Decision Systems, 2012, 21, 121-136.	2.2	9
84	Quality evaluation of information technology project - A multicriteria approach. , 2012, , .		1
85	A model for evaluating efficiency - an application in information technology and systems investments. Pesquisa Operacional, 2012, 32, 597-616.	0.1	0
86	Research Developments of Group Decision and Negotiation in Latin America. Group Decision and Negotiation, 2012, 21, 129-132.	2.0	1
87	Um modelo de otimiza�o para prioriza�o em planejamento de Sistemas de Informa�o. Production, 2010, 20, 265-273.	1.3	2
88	Planning and competitiveness in maintenance management. Journal of Quality in Maintenance Engineering, 2009, 15, 259-270.	1.0	15
89	Use of enzymes to improve the refining of a bleached Eucalyptus globulus kraft pulp. Biochemical Engineering Journal, 2009, 46, 89-95.	1.8	57
90	Profiles of Brazilian IS/IT professionals: Hierarchical and decision levels in an organization. Technology in Society, 2009, 31, 305-314.	4.8	1

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91	Green chemicals and process to graft cellulose fibers. Journal of Colloid and Interface Science, 2009, 330, 298-302.	5.0	34
92	Grafting of Paper by Silane Coupling Agents Using Cold-Plasma Discharges. Plasma Processes and Polymers, 2008, 5, 444-452.	1.6	29
93	Hydrogen peroxide bleaching of Arundo donax L. kraft-anthraquinone pulp—Effect of a chelating stage. Industrial Crops and Products, 2007, 25, 288-293.	2.5	30
94	Aspectos relevantes dos SAD nas organizações: um estudo exploratório. Production, 2006, 16, 8-23.	1.3	3
95	SAD: análise da percepção de usuários e desenvolvedores através de análise fatorial. Production, 2006, 16, 216-228.	1.3	1
96	As empresas da Região Metropolitana do Recife e a exploração de SI/TI. Production, 2006, 16, 229-243.	1.3	0
97	Modelo de decisão multicritério para priorização de sistemas de informação com base no método PROMETHEE. Gestão & Produção, 2002, 9, 201-214.	0.5	16
98	A Novel Conflict Resolution Model with The Composition of Probabilistic Preferences Methodology—CRMCP. 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