Rita Almeida Ribeiro

List of Publications by Year
in descending order

104 papers	8,235 citations	304743 22 h-index	79698 73 g-index
115 all docs	115 docs citations	115 times ranked	9566 citing authors

#	Article	IF	Citations
1	The *Gaia* mission. Astronomy and Astrophysics, 2016, 595, A1.	5.1	4,509
2	*Gaia* Data Release 1. Astronomy and Astrophysics, 2016, 595, A2.	5.1	1,590
3	Fuzzy multiple attribute decision making: A review and new preference elicitation techniques. Fuzzy Sets and Systems, 1996, 78, 155-181.	2.7	333
4	Occupational risk assessment in construction industry â€" Overview and reflection. Safety Science, 2011, 49, 616-624.	4.9	283
5	A framework for dynamic multiple-criteria decision making. Decision Support Systems, 2011, 52, 52-60.	5.9	157
6	Composition of plastics from waste electrical and electronic equipment (WEEE) by direct sampling. Waste Management, 2012, 32, 1213-1217.	7.4	150
7	Normalization Techniques for Multi-Criteria Decision Making: Analytical Hierarchy Process Case Study. IFIP Advances in Information and Communication Technology, 2016, , 261-269.	0.7	82
8	Aggregation with generalized mixture operators using weighting functions. Fuzzy Sets and Systems, 2003, 137, 43-58.	2.7	77
9	Generalized mixture operators using weighting functions: A comparative study with WA and OWA. European Journal of Operational Research, 2003, 145, 329-342.	5.7	75
10	Data normalisation techniques in decision making: case study with TOPSIS method. International Journal of Information and Decision Sciences, 2018, 10, 19.	0.1	75
11	Extended producer responsibility: a differential fee model for promoting sustainable packaging. Journal of Cleaner Production, 2015, 108, 343-353.	9.3	54
12	Hybrid assessment method for software engineering decisions. Decision Support Systems, 2011, 51, 208-219.	5.9	48
13	Dynamic MCDM with future knowledge for supplier selection. Journal of Decision Systems, 2014, 23, 232-248.	3.2	45
14	FIF: A fuzzy information fusion algorithm based on multi-criteria decision making. Knowledge-Based Systems, 2014, 58, 23-32.	7.1	45
15	A Comparison of Mandani and Sugeno Inference Systems for a Space Fault Detection Application. , 2006, , .		42
16	Collaborative framework for virtual organisation synthesis based on a dynamic multi-criteria decision model. International Journal of Computer Integrated Manufacturing, 2018, 31, 857-868.	4.6	33
17	Collaborative Negotiation Platform using a Dynamic Multi-Criteria Decision Model. International Journal of Decision Support System Technology, 2015, 7, 1-14.	0.7	30
18	Fuzzy early warning systems for condition based maintenance. Computers and Industrial Engineering, 2019, 128, 736-746.	6.3	27

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19	Assessing Normalization Techniques for Simple Additive Weighting Method. Procedia Computer Science, 2022, 199, 1229-1236.	2.0	26
20	Land Cover Classification from Multispectral Data Using Computational Intelligence Tools: A Comparative Study. Information (Switzerland), 2017, 8, 147.	2.9	25
21	Normalization techniques for collaborative networks. Kybernetes, 2019, 49, 1285-1304.	2.2	24
22	Transformation of a Mamdani FIS to First Order Sugeno FIS. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	23
23	Fuzzy approach for reducing subjectivity in estimating occupational accident severity. Accident Analysis and Prevention, 2012, 45, 281-290.	5.7	23
24	Fuzzy query interface for a business database. International Journal of Human Computer Studies, 2003, 58, 363-391.	5.6	22
25	Selection of Normalization Technique for Weighted Average Multi-criteria Decision Making. IFIP Advances in Information and Communication Technology, 2018, , 43-52.	0.7	21
26	A fuzzy decision support system for equipment repair under battle conditions. Fuzzy Sets and Systems, 2000, 115, 141-157.	2.7	20
27	Handling Conflicts in Aspectual Requirements Compositions. , 2007, , 144-166.		19
28	Semi-Automatic Methodology for Fire Break Maintenance Operations Detection with Sentinel-2 Imagery and Artificial Neural Network. Remote Sensing, 2020, 12, 909.	4.0	18
29	Distributed Manufacturing Scheduling Based on a Dynamic Multi-criteria Decision Model. Studies in Fuzziness and Soft Computing, 2014, , 81-93.	0.8	18
30	Collaborative Dynamic Decision Making: A Case Study from B2B Supplier Selection. Lecture Notes in Business Information Processing, 2012, , 88-102.	1.0	18
31	Uncertainty in decision-making: An abductive perspective. Decision Support Systems, 1995, 13, 183-193.	5.9	16
32	A Model for B2B Supplier Selection. Advances in Intelligent and Soft Computing, 2011, , 221-228.	0.2	14
33	Benefits of Full-Reinforcement Operators for Spacecraft Target Landing. Studies in Fuzziness and Soft Computing, 2010, , 353-367.	0.8	13
34	Selecting Normalization Techniques for the Analytical Hierarchy Process. IFIP Advances in Information and Communication Technology, 2020, , 43-52.	0.7	13
35	Ensuring the Quality of Occupational Safety Risk Assessment. Risk Analysis, 2013, 33, 409-419.	2.7	12
36	Flexible Query Languages for Relational Databases: An Overview. Studies in Fuzziness and Soft Computing, 2006, , 3-53.	0.8	12

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37	Stability of multi-agent systems. , 0, , .		11
38	Fuzzy Space Monitoring and Fault Detection Applications. Journal of Decision Systems, 2006, 15, 267-286.	3.2	10
39	Collaborative Network Platform for Multi-site Production. Lecture Notes in Business Information Processing, 2012, , 1-13.	1.0	10
40	Framework for Technical Evaluation of Decision Support Systems Based on Water Smart Metering: The iWIDGET Case. Procedia Engineering, 2015, 119, 1348-1355.	1.2	10
41	Data fusion approach for eucalyptus trees identification. International Journal of Remote Sensing, 2021, 42, 4087-4109.	2.9	10
42	Adapting Populations of Agents. Lecture Notes in Computer Science, 2003, , 110-124.	1.3	10
43	RULE CORRELATION AND CHOQUET INTEGRATION IN FUZZY INFERENCE SYSTEMS. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2008, 16, 601-626.	1.9	9
44	A Fuzzy Simulated Annealing approach for project time-cost tradeoff. Journal of Intelligent and Fuzzy Systems, 2012, 23, 203-215.	1.4	9
45	Fuzzy Optimization using Simulated Annealing: An Example Set. Studies in Fuzziness and Soft Computing, 2003, , 159-180.	0.8	8
46	Detecting architecture instabilities with concern traces: An exploratory study. , 2009, , .		8
47	Selection of Large-Scale 3D Point Cloud Data Using Gesture Recognition. IFIP Advances in Information and Communication Technology, 2015, , 188-195.	0.7	8
48	An evolutionary computation based algorithm for calculating solar differential rotation by automatic tracking of coronal bright points. Journal of Space Weather and Space Climate, 2016, 6, A16.	3.3	8
49	Qualitative Model for Risk Assessment in Construction Industry: A Fuzzy Logic Approach. IFIP Advances in Information and Communication Technology, 2010, , 105-111.	0.7	8
50	Adaptive Imitation Scheme for Memetic Algorithms. International Federation for Information Processing, 2011, , 109-116.	0.4	7
51	An MCDM Approach to the Selection of Novel Technologies for Innovative In-Vehicle Information Systems. International Journal of Decision Support System Technology, 2016, 8, 43-55.	0.7	6
52	Fuzzy-fusion approach for land cover classification. , 2016, , .		6
53	Automatic Extraction of Document Topics. International Federation for Information Processing, 2011, , 101-108.	0.4	6
54	Simulation of a trading multi-agent system. , 0, , .		5

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55	Search methodologies for efficient planetary site selection. , 2009, , .		5
56	Defining Fuzzy Measures: A Comparative Study with Genetic and Gradient Descent Algorithms. , 2009, , 427-437.		5
57	Data fusion strategies for hazard detection and safe site selection for planetary and small body landings. CEAS Space Journal, 2015, 7, 271-290.	2.3	5
58	FUZZY REASONING BY CASE FOR DECISION SUPPORT SYSTEMS. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 1994, 02, 11-24.	1.9	4
59	Optical character recognition using automatically generated Fuzzy classifiers. , 2011, , .		4
60	Assessing Normalization Techniques for TOPSIS Method. IFIP Advances in Information and Communication Technology, 2021, , 132-141.	0.7	4
61	Spatial-temporal business partnership selection in uncertain environments. FME Transactions, 2015, 43, 353-361.	1.4	4
62	Contributions to adaptable agent societies. , 0, , .		3
63	A Method For Automatic Fuzzy Set Generation Using Sensor Data. Intelligent Automation and Soft Computing, 2008, 14, 279-294.	2.1	3
64	REGIONS RATING FOR SELECTING SPACECRAFT LANDING SITES. , 2008, , .		3
65	Fuzzy Evaluation of the Thermal Quality of Buildings. Computer-Aided Civil and Infrastructure Engineering, 1999, 14, 155-162.	9.8	2
66	New Data Preparation Process A Case Study for an Exomars Drill. , 2006, , .		2
67	How an I-DSS May Help. Journal of Decision Systems, 2007, 16, 197-212.	3.2	2
68	Knowledge Discovery in Large Data Sets. , 2008, , .		2
69	Model Based Fault Diagnosis for Performance Control of a Decentralized Wastewater Treatment Plant. Computer Aided Chemical Engineering, 2014, 33, 691-696.	0.5	2
70	Data Inconsistency in Sunspot Detectionâ€Ž. Advances in Intelligent Systems and Computing, 2015, , 567-577.	0.6	2
71	Survey of Object-Based Data Reduction Techniques in Observational Astronomy. Open Physics, 2016, 14, 579-587.	1.7	2
72	A Knowledge Based System for Supporting Sustainable Industrial Management in a Clothes Manufacturing Company Based on a Data Fusion Model. Lecture Notes in Business Information Processing, 2016, , 113-126.	1.0	2

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73	Gradient Path Labelling method and tracking method for calculation of solar differential rotation using coronal bright points. Astronomy and Computing, 2018, 25, 168-175.	1.7	2
74	A Social-Academic Network Analysis of the EURO Working Group on DSS. International Journal of Decision Support System Technology, 2010, 2, 13-36.	0.7	2
75	A Fuzzy Evaluation Model: A Case for Intermodal Terminals in Europe. Studies in Fuzziness and Soft Computing, 2003, , 218-234.	0.8	2
76	Uncertainty in Dynamically Changing Input Data. Atlantis Computational Intelligence Systems, 2010, , 47-66.	0.5	2
77	Building an Expert Decision Support System: The Integration of Artificial Intelligence and Operations Research Methods. , 1990, , 155-168.		2
78	Evaluative Study of PSO/Snake Hybrid Algorithm and Gradient Path Labeling for Calculating Solar Differential Rotation. Lecture Notes in Computer Science, 2016, , 19-39.	1.3	2
79	Comparison of Normalization Techniques on Data Sets With Outliers. International Journal of Decision Support System Technology, 2021, 14, 1-17.	0.7	2
80	A model for agent mobility and interaction. , 0, , .		1
81	A fuzzy multi-agent bidding model. , 0, , .		1
82	MK-means - Modified K-means clustering algorithm. , 2010, , .		1
83	ASPECT-ORIENTED SPECIFICATION: A CASE STUDY IN SPACE DOMAIN. International Journal of Software Engineering and Knowledge Engineering, 2010, 20, 783-808.	0.8	1
84	Case studies for software product line engineering. , 0, , 27-52.		1
85	Application of neural networks to the study of stellar model solutions. New Astronomy, 2012, 17, 629-633.	1.8	1
86	Real-time image recovery using temporal image fusion. , 2013, , .		1
87	Continuous Reinforcement Operator applied to Resilience in Disaster Rescue Networks. , 2018, , .		1
88	On the Impact of Big Data Analytics in Decision-Making Processes. Integrated Series on Information Systems, 2021, , 273-298.	0.1	1
89	A MULTIPLE ATTRIBUTE FUZZY DECISION SUPPORT SYSTEM: TWO APPLICATIONS. Advances in Fuzzy Systems, 1995, , 452-461.	8.7	1
90	Fuel Break Vegetation Monitoring with Sentinel-2 NDVI Robust to Phenology and Environmental Conditions. , 2021, , .		1

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91	Guest Editorial Special Section on Soft Computing for Space Autonomy. Intelligent Automation and Soft Computing, 2008, 14, 245-247.	2.1	0
92	Fuzzy Alarm System For Laser Gyroscopes Degradation. Intelligent Automation and Soft Computing, 2008, 14, 351-366.	2.1	0
93	Introduction of Empirical Topology in Construction of Relationship Networks of Informative Objects. IFIP Advances in Information and Communication Technology, 2010, , 35-43.	0.7	0
94	Fuzzy decision making in space applications. , 2012, , .		0
95	Parallel machines scheduling with fuzzy simulated annealing. , 2014, , .		0
96	Raising TRL of IPSIS hazard avoidance piloting algorithm through hardware implementation. , 2017, , .		0
97	A data fusion approach for business partners selection. International Journal of Information and Decision Sciences, 2018, 10, 311.	0.1	0
98	CBPTracker - a web tool to detect and track Solar features from SDO/ AIA images. , 2019, , .		0
99	Why leximin FCSPs are so hard for local search. Advances in Fuzzy Systems, 2000, , 185-196.	8.7	0
100	A Social-Academic Network Analysis of the EURO Working Group on DSS. , 2012, , 229-251.		0
101	Language Independent Extraction of Key Terms: An Extensive Comparison of Metrics. Communications in Computer and Information Science, 2013, , 69-82.	0.5	0
102	The Development Roadmap of the EWG-DSS Collab-Net Project: A Social Network Perspective of DSS Research Collaboration in Europe. Lecture Notes in Business Information Processing, 2013, , 1-18.	1.0	0
103	Evaluation Support System for Open Challenges on Earth Observation Topics. Integrated Series on Information Systems, 2016, , 151-174.	0.1	0
104	Strategies for an Integrated Distribution Problem. , 0, , 482-505.		0