

Prasenjit Chatterjee

List of Publications by Year in Descending Order

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Version: 2024-04-28

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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.

83
papers

2,128
citations

24
h-index

45
g-index

93
ext. papers

2,844
ext. citations

2.9
avg, IF

5.95
L-index

#	Paper	IF	Citations
83	A fuzzy group decision-making model to measure resiliency in a food supply chain: A case study in Spain. <i>Socio-Economic Planning Sciences</i> , 2022 , 101257	3.7	2
82	An Integrated Fuzzy MCDM-Based FMEA Approach for Risk Prioritization of Casting Defects in Electro-Pneumatic Brake Units of EMU, MEMU, and DMU Coaches. <i>EAI/Springer Innovations in Communication and Computing</i> , 2021 , 107-132	0.6	
81	A SWARA-CoCoSo-Based Approach for Spray Painting Robot Selection. <i>Informatica</i> , 2021 , 1-20	2.9	3
80	An integrated BWM-LBWA-CoCoSo framework for evaluation of healthcare sectors in Eastern Europe. <i>Socio-Economic Planning Sciences</i> , 2021 , 78, 101052	3.7	33
79	Prediction of Reponses in a Sustainable Dry Turning Operation: A Comparative Analysis. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-15	1.1	3
78	An efficient stochastic programming approach for solving integrated multi-objective transportation and inventory management problem using goodness of fit. <i>Kybernetes</i> , 2021 , ahead-of-print, 768	2	0
77	Model for selecting a route for the transport of hazardous materials using a fuzzy logic system. <i>Military Technical Courier</i> , 2021 , 69, 355-390	0.7	14
76	A Wind Speed Prediction System Using Deep Neural Networks 2021 , 41-59		
75	Fake Social Media Profile Detection 2021 , 193-209		1
74	Two-Stage Credit Scoring Model Based on Evolutionary Feature Selection and Ensemble Neural Networks 2021 , 99-115		0
73	Spark-Enhanced Deep Neural Network Framework for Medical Phrase Embedding 2021 , 289-304		
72	A Hybrid Approach for Feature Extraction From Reviews to Perform Sentiment Analysis 2021 , 267-287		
71	Facial Expression Recognition Using Fusion of Deep Learning and Multiple Features 2021 , 229-246		
70	GSA-Based Approach for Gene Selection from Microarray Gene Expression Data 2021 , 159-174		2
69	On Fusion of NIR and VW Information for Cross-Spectral Iris Matching 2021 , 175-191		
68	Cardiac Arrhythmia Detection and Classification From ECG Signals Using XGBoost Classifier 2021 , 141-157		1
67	Res-SE-Net: Boosting Performance of ResNets by Enhancing Bridge Connections 2021 , 61-75		

66	Automatic Counting and Classification of Silkworm Eggs Using Deep Learning 2021 , 23-39		0
65	Image Anonymization Using Deep Convolutional Generative Adversarial Network 2021 , 305-330		1
64	AnimNet: An Animal Classification Network using Deep Learning 2021 , 247-265		
63	Hitting the Success Notes of Deep Learning 2021 , 77-98		
62	Enhanced Block-Based Feature Agglomeration Clustering for Video Summarization 2021 , 117-140		
61	Sustainable oil selection for cleaner production in Indian foundry industries: A three phase integrated decision-making framework. <i>Journal of Cleaner Production</i> , 2021 , 313, 127827	10.3	3
60	An interval valued neutrosophic decision-making structure for sustainable supplier selection. <i>Expert Systems With Applications</i> , 2021 , 183, 115354	7.8	17
59	A multi-level programming model for green supplier selection. <i>Management Decision</i> , 2021 , 59, 2496-2527	7.4	2
58	A novel decision-making approach for light weight environment friendly material selection. <i>Materials Today: Proceedings</i> , 2020 , 22, 1460-1469	1.4	4
57	A rough based multi-criteria evaluation method for healthcare waste disposal location decisions. <i>Computers and Industrial Engineering</i> , 2020 , 143, 106394	6.4	38
56	Eliminating Rank Reversal Problem Using a New Multi-Attribute Model The RAFSI Method. <i>Mathematics</i> , 2020 , 8, 1015	2.3	20
55	Development of an integrated decision making model for location selection of logistics centers in the Spanish autonomous communities. <i>Expert Systems With Applications</i> , 2020 , 148, 113208	7.8	39
54	EDM PROCESS PARAMETER OPTIMIZATION FOR EFFICIENT MACHINING OF INCONEL-718. <i>Facta Universitatis, Series: Mechanical Engineering</i> , 2020 , 18, 473	3.2	6
53	Sustainable supplier selection using combined FUCOM [Rough SAW model. <i>Reports in Mechanical Engineering</i> , 2020 , 1, 34-43	9.3	63
52	An Integrated AHP-QFD-Based Compromise Ranking Model for Sustainable Supplier Selection. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2020 , 32-54	0.3	4
51	Sustainable supplier selection in healthcare industries using a new MCDM method: Measurement of alternatives and ranking according to COMpromise solution (MARCOS). <i>Computers and Industrial Engineering</i> , 2020 , 140, 106231	6.4	232
50	An integrated decision-making model for supplier evaluation in public healthcare system: the case study of a Spanish hospital. <i>Journal of Enterprise Information Management</i> , 2020 , 33, 965-989	4.4	28
49	Development of a decision support framework for sustainable freight transport system evaluation using rough numbers. <i>International Journal of Production Research</i> , 2020 , 58, 4325-4351	7.8	18

48	A risk-based integrated decision-making model for green supplier selection. <i>Kybernetes</i> , 2019 , 49, 1229-1252	2.2	22
47	The Role of Faāde Materials in Blast-Resistant Buildings: An Evaluation Based on Fuzzy Delphi and Fuzzy EDAS. <i>Algorithms</i> , 2019 , 12, 119	1.8	9
46	A DoE-TOPSIS method-based meta-model for parametric optimization of non-traditional machining processes. <i>Journal of Modelling in Management</i> , 2019 , 14, 430-455	2.2	8
45	A multi-criteria decision-making framework for agriculture supply chain risk management under a circular economy context. <i>Management Decision</i> , 2019 , ahead-of-print,	4.4	30
44	Comparative Evaluation of Sustainable Design Based on Step-Wise Weight Assessment Ratio Analysis (SWARA) and Best Worst Method (BWM) Methods: A Perspective on Household Furnishing Materials. <i>Symmetry</i> , 2019 , 11, 74	2.7	46
43	An Integrated Multi-Attribute Model for Evaluation of Sustainable Mobile Phone. <i>Sustainability</i> , 2019 , 11, 3704	3.6	7
42	Bi-Level Multi-Objective Production Planning Problem with Multi-Choice Parameters: A Fuzzy Goal Programming Algorithm. <i>Algorithms</i> , 2019 , 12, 143	1.8	6
41	A TWO-PHASE MODEL FOR SUPPLIER EVALUATION IN MANUFACTURING ENVIRONMENT. <i>Operational Research in Engineering Sciences: Theory and Applications</i> , 2019 , 2,	4.3	26
40	A Hybrid MCDM Approach-Based Framework for Operational Sustainability of Process Industry. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 2019 , 1-13	0.4	1
39	Performance Evaluation of Sustainable Smart Cities in India. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 2019 , 14-40	0.4	1
38	An Integrated Methodology for Evaluation of Electric Vehicles Under Sustainable Automotive Environment. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 2019 , 41-62	0.4	8
37	A Rough Decision-Making Model for Biomaterial Selection. <i>Materials Horizons</i> , 2019 , 227-256	0.6	0
36	A new fuzzy methodology-based structured framework for RAM and risk analysis. <i>Applied Soft Computing Journal</i> , 2019 , 74, 242-254	7.5	32
35	Cotton Fabric Selection Using a Grey Fuzzy Relational Analysis Approach. <i>Journal of the Institution of Engineers (India): Series E</i> , 2019 , 100, 21-36	0.6	4
34	An Integrated DEMATEL-VIKOR Method-Based Approach for Cotton Fibre Selection and Evaluation. <i>Journal of the Institution of Engineers (India): Series E</i> , 2018 , 99, 63-73	0.6	17
33	A novel integrated decision-making approach for the evaluation and selection of renewable energy technologies. <i>Clean Technologies and Environmental Policy</i> , 2018 , 20, 403-420	4.3	48
32	Development of a meta-model for the determination of technological value of cotton fiber using design of experiments and the TOPSIS method. <i>Journal of Natural Fibers</i> , 2018 , 15, 882-895	1.8	7
31	Intelligent Decision Making Tools in Manufacturing Technology Selection. <i>Materials Horizons</i> , 2018 , 113-126	0.6	4

30	A Developed Meta-model for Selection of Cotton Fabrics Using Design of Experiments and TOPSIS Method. <i>Journal of the Institution of Engineers (India): Series E</i> , 2017 , 98, 79-90	0.6	6
29	Integrated QFD-MCDM framework for green supplier selection. <i>Journal of Cleaner Production</i> , 2017 , 142, 3728-3740	10.3	229
28	A Simple Drain Current Model for MOS Transistors with the Lorentz Force Effect. <i>Sensors</i> , 2017 , 17,	3.8	1
27	A NOVEL HYBRID METHOD FOR NON-TRADITIONAL MACHINING PROCESS SELECTION USING FACTOR RELATIONSHIP AND MULTI-ATTRIBUTIVE BORDER APPROXIMATION METHOD. <i>Facta Universitatis, Series: Mechanical Engineering</i> , 2017 , 15, 439	3.2	35
26	Performance evaluation of Indian Railway zones using DEMATEL and VIKOR methods. <i>Benchmarking</i> , 2016 , 23, 78-95	4	40
25	Performance evaluation of Indian states in tourism using an integrated PROMETHEE-GAIA approach. <i>Opsearch</i> , 2016 , 53, 63-84	1.6	20
24	A comparative analysis of VIKOR method and its variants. <i>Decision Science Letters</i> , 2016 , 469-486	1.3	37
23	Drain Current Modulation of a Single Drain MOSFET by Lorentz Force for Magnetic Sensing Application. <i>Sensors</i> , 2016 , 16,	3.8	1
22	Evaluating performance of engineering departments in an Indian University using DEMATEL and compromise ranking methods. <i>Opsearch</i> , 2015 , 52, 307-328	1.6	26
21	Flexible manufacturing system selection using preference ranking methods : A comparative study. <i>International Journal of Industrial Engineering Computations</i> , 2014 , 5, 315-338	1.7	27
20	A comparative study of preference dominance-based approaches for selection of industrial robots. <i>Advances in Production Engineering and Management</i> , 2014 , 9, 5-20	2.5	6
19	A Comprehensive Solution to Automated Inspection Device Selection Problems using ELECTRE Methods 2014 , 5, 193		10
18	Investigating the Effect of Normalization Norms in Flexible Manufacturing System Selection Using Multi - Criteria Decision - Making Methods. <i>Journal of Engineering Science and Technology Review</i> , 2014 , 7, 141-150	1.8	23
17	Nontraditional machining processes selection using evaluation of mixed data method. <i>International Journal of Advanced Manufacturing Technology</i> , 2013 , 68, 1613-1626	3.2	12
16	Advanced manufacturing systems selection using ORESTE method. <i>International Journal of Advanced Operations Management</i> , 2013 , 5, 337	0.8	8
15	Selection of materials using multi-criteria decision-making methods with minimum data. <i>Decision Science Letters</i> , 2013 , 135-148	1.3	28
14	Material Selection in Manufacturing Environment Using Compromise Ranking and Regret Theory-based Compromise Ranking Methods: A Comparative Study. <i>Universal Journal of Materials Science</i> , 2013 , 1, 69-77	0.7	8
13	Suppliers Selection In Manufacturing Environment Using Range Of Value Method. <i>I-manager Journal on Mechanical Engineering</i> , 2013 , 3, 15-22	0.3	2

12	Material selection using preferential ranking methods. <i>Materials & Design</i> , 2012 , 35, 384-393		146
11	Cutting tool material selection using grey complex proportional assessment method. <i>Materials & Design</i> , 2012 , 36, 372-378		75
10	Materials selection using COPRAS and COPRAS-G methods. <i>International Journal of Materials and Structural Integrity</i> , 2012 , 6, 111	0.3	16
9	Supplier evaluation in manufacturing environment using compromise ranking method with grey interval numbers. <i>International Journal of Industrial Engineering Computations</i> , 2012 , 3, 393-402	1.7	9
8	Selection of industrial robots using compromise ranking method. <i>International Journal of Industrial and Systems Engineering</i> , 2012 , 11, 3	0.4	17
7	Decision making for facility location selection using PROMETHEE II method. <i>International Journal of Industrial and Systems Engineering</i> , 2012 , 11, 16	0.4	21
6	A band selected 3.1B0.1 GHz distributed amplifier in 0.18- μ m CMOS technology. <i>Microwave and Optical Technology Letters</i> , 2011 , 53, 1850-1853	1.2	
5	Materials selection using complex proportional assessment and evaluation of mixed data methods. <i>Materials & Design</i> , 2011 , 32, 851-860		209
4	Selection of industrial robots using compromise ranking and outranking methods. <i>Robotics and Computer-Integrated Manufacturing</i> , 2010 , 26, 483-489	9.2	108
3	Selection of materials using compromise ranking and outranking methods. <i>Materials & Design</i> , 2009 , 30, 4043-4053		141
2	A novel fuzzy-based structured framework for sustainable operation and environmental friendly production in coal-fired power industry. <i>International Journal of Intelligent Systems</i> ,	8.4	6
1	A multi-tier sustainable food supplier selection model under uncertainty <i>Operations Management Research</i> ,1	3.6	14