

# Prasenjit Chatterjee

## List of Publications by Citations

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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	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> , <b>2020</b> , 140, 106231	6.4	232
82	Integrated QFD-MCDM framework for green supplier selection. <i>Journal of Cleaner Production</i> , <b>2017</b> , 142, 3728-3740	10.3	229
81	Materials selection using complex proportional assessment and evaluation of mixed data methods. <i>Materials &amp; Design</i> , <b>2011</b> , 32, 851-860		209
80	Material selection using preferential ranking methods. <i>Materials &amp; Design</i> , <b>2012</b> , 35, 384-393		146
79	Selection of materials using compromise ranking and outranking methods. <i>Materials &amp; Design</i> , <b>2009</b> , 30, 4043-4053		141
78	Selection of industrial robots using compromise ranking and outranking methods. <i>Robotics and Computer-Integrated Manufacturing</i> , <b>2010</b> , 26, 483-489	9.2	108
77	Cutting tool material selection using grey complex proportional assessment method. <i>Materials &amp; Design</i> , <b>2012</b> , 36, 372-378		75
76	Sustainable supplier selection using combined FUCOM [Rough SAW model. <i>Reports in Mechanical Engineering</i> , <b>2020</b> , 1, 34-43	9.3	63
75	A novel integrated decision-making approach for the evaluation and selection of renewable energy technologies. <i>Clean Technologies and Environmental Policy</i> , <b>2018</b> , 20, 403-420	4.3	48
74	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> , <b>2019</b> , 11, 74	2.7	46
73	Performance evaluation of Indian Railway zones using DEMATEL and VIKOR methods. <i>Benchmarking</i> , <b>2016</b> , 23, 78-95	4	40
72	Development of an integrated decision making model for location selection of logistics centers in the Spanish autonomous communities. <i>Expert Systems With Applications</i> , <b>2020</b> , 148, 113208	7.8	39
71	A rough based multi-criteria evaluation method for healthcare waste disposal location decisions. <i>Computers and Industrial Engineering</i> , <b>2020</b> , 143, 106394	6.4	38
70	A comparative analysis of VIKOR method and its variants. <i>Decision Science Letters</i> , <b>2016</b> , 469-486	1.3	37
69	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> , <b>2017</b> , 15, 439	3.2	35
68	An integrated BWM-LBWA-CoCoSo framework for evaluation of healthcare sectors in Eastern Europe. <i>Socio-Economic Planning Sciences</i> , <b>2021</b> , 78, 101052	3.7	33
67	A new fuzzy methodology-based structured framework for RAM and risk analysis. <i>Applied Soft Computing Journal</i> , <b>2019</b> , 74, 242-254	7.5	32

66	A multi-criteria decision-making framework for agriculture supply chain risk management under a circular economy context. <i>Management Decision</i> , <b>2019</b> , ahead-of-print,	4.4	30
65	Selection of materials using multi-criteria decision-making methods with minimum data. <i>Decision Science Letters</i> , <b>2013</b> , 135-148	1.3	28
64	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> , <b>2020</b> , 33, 965-989	4.4	28
63	Flexible manufacturing system selection using preference ranking methods : A comparative study. <i>International Journal of Industrial Engineering Computations</i> , <b>2014</b> , 5, 315-338	1.7	27
62	Evaluating performance of engineering departments in an Indian University using DEMATEL and compromise ranking methods. <i>Opsearch</i> , <b>2015</b> , 52, 307-328	1.6	26
61	A TWO-PHASE MODEL FOR SUPPLIER EVALUATION IN MANUFACTURING ENVIRONMENT. <i>Operational Research in Engineering Sciences: Theory and Applications</i> , <b>2019</b> , 2,	4.3	26
60	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> , <b>2014</b> , 7, 141-150	1.8	23
59	A risk-based integrated decision-making model for green supplier selection. <i>Kybernetes</i> , <b>2019</b> , 49, 1229-1252		22
58	Decision making for facility location selection using PROMETHEE II method. <i>International Journal of Industrial and Systems Engineering</i> , <b>2012</b> , 11, 16	0.4	21
57	Eliminating Rank Reversal Problem Using a New Multi-Attribute Model—the RAFSI Method. <i>Mathematics</i> , <b>2020</b> , 8, 1015	2.3	20
56	Performance evaluation of Indian states in tourism using an integrated PROMETHEE-GAIA approach. <i>Opsearch</i> , <b>2016</b> , 53, 63-84	1.6	20
55	Development of a decision support framework for sustainable freight transport system evaluation using rough numbers. <i>International Journal of Production Research</i> , <b>2020</b> , 58, 4325-4351	7.8	18
54	An Integrated DEMATEL-VIKOR Method-Based Approach for Cotton Fibre Selection and Evaluation. <i>Journal of the Institution of Engineers (India): Series E</i> , <b>2018</b> , 99, 63-73	0.6	17
53	Selection of industrial robots using compromise ranking method. <i>International Journal of Industrial and Systems Engineering</i> , <b>2012</b> , 11, 3	0.4	17
52	An interval valued neutrosophic decision-making structure for sustainable supplier selection. <i>Expert Systems With Applications</i> , <b>2021</b> , 183, 115354	7.8	17
51	Materials selection using COPRAS and COPRAS-G methods. <i>International Journal of Materials and Structural Integrity</i> , <b>2012</b> , 6, 111	0.3	16
50	A multi-tier sustainable food supplier selection model under uncertainty— <i>Operations Management Research</i> , 1	3.6	14
49	Model for selecting a route for the transport of hazardous materials using a fuzzy logic system. <i>Military Technical Courier</i> , <b>2021</b> , 69, 355-390	0.7	14

48	Nontraditional machining processes selection using evaluation of mixed data method. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2013</b> , 68, 1613-1626	3.2	12
47	A Comprehensive Solution to Automated Inspection Device Selection Problems using ELECTRE Methods <b>2014</b> , 5, 193		10
46	The Role of Façade Materials in Blast-Resistant Buildings: An Evaluation Based on Fuzzy Delphi and Fuzzy EDAS. <i>Algorithms</i> , <b>2019</b> , 12, 119	1.8	9
45	Supplier evaluation in manufacturing environment using compromise ranking method with grey interval numbers. <i>International Journal of Industrial Engineering Computations</i> , <b>2012</b> , 3, 393-402	1.7	9
44	A DoE-TOPSIS method-based meta-model for parametric optimization of non-traditional machining processes. <i>Journal of Modelling in Management</i> , <b>2019</b> , 14, 430-455	2.2	8
43	Advanced manufacturing systems selection using ORESTE method. <i>International Journal of Advanced Operations Management</i> , <b>2013</b> , 5, 337	0.8	8
42	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> , <b>2013</b> , 1, 69-77	0.7	8
41	An Integrated Methodology for Evaluation of Electric Vehicles Under Sustainable Automotive Environment. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , <b>2019</b> , 41-62	0.4	8
40	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> , <b>2018</b> , 15, 882-895	1.8	7
39	An Integrated Multi-Attribute Model for Evaluation of Sustainable Mobile Phone. <i>Sustainability</i> , <b>2019</b> , 11, 3704	3.6	7
38	Bi-Level Multi-Objective Production Planning Problem with Multi-Choice Parameters: A Fuzzy Goal Programming Algorithm. <i>Algorithms</i> , <b>2019</b> , 12, 143	1.8	6
37	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> , <b>2017</b> , 98, 79-90	0.6	6
36	A comparative study of preference dominance-based approaches for selection of industrial robots. <i>Advances in Production Engineering and Management</i> , <b>2014</b> , 9, 5-20	2.5	6
35	EDM PROCESS PARAMETER OPTIMIZATION FOR EFFICIENT MACHINING OF INCONEL-718. <i>Facta Universitatis, Series: Mechanical Engineering</i> , <b>2020</b> , 18, 473	3.2	6
34	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
33	A novel decision-making approach for light weight environment friendly material selection. <i>Materials Today: Proceedings</i> , <b>2020</b> , 22, 1460-1469	1.4	4
32	An Integrated AHP-QFD-Based Compromise Ranking Model for Sustainable Supplier Selection. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , <b>2020</b> , 32-54	0.3	4
31	Cotton Fabric Selection Using a Grey Fuzzy Relational Analysis Approach. <i>Journal of the Institution of Engineers (India): Series E</i> , <b>2019</b> , 100, 21-36	0.6	4

30	Intelligent Decision Making Tools in Manufacturing Technology Selection. <i>Materials Horizons</i> , <b>2018</b> , 113-126	4
29	A SWARA-CoCoSo-Based Approach for Spray Painting Robot Selection. <i>Informatica</i> , <b>2021</b> , 1-20	2.9 3
28	Prediction of Reponses in a Sustainable Dry Turning Operation: A Comparative Analysis. <i>Mathematical Problems in Engineering</i> , <b>2021</b> , 2021, 1-15	1.1 3
27	Sustainable oil selection for cleaner production in Indian foundry industries: A three phase integrated decision-making framework. <i>Journal of Cleaner Production</i> , <b>2021</b> , 313, 127827	10.3 3
26	Suppliers Selection In Manufacturing Environment Using Range Of Value Method. <i>I-manager Journal on Mechanical Engineering</i> , <b>2013</b> , 3, 15-22	0.3 2
25	GSA-Based Approach for Gene Selection from Microarray Gene Expression Data <b>2021</b> , 159-174	2
24	A multi-level programming model for green supplier selection. <i>Management Decision</i> , <b>2021</b> , 59, 2496-2527	2.7 2
23	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> , <b>2022</b> , 101257	3.7 2
22	A Simple Drain Current Model for MOS Transistors with the Lorentz Force Effect. <i>Sensors</i> , <b>2017</b> , 17,	3.8 1
21	A Hybrid MCDM Approach-Based Framework for Operational Sustainability of Process Industry. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , <b>2019</b> , 1-13	0.4 1
20	Performance Evaluation of Sustainable Smart Cities in India. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , <b>2019</b> , 14-40	0.4 1
19	Drain Current Modulation of a Single Drain MOSFET by Lorentz Force for Magnetic Sensing Application. <i>Sensors</i> , <b>2016</b> , 16,	3.8 1
18	Fake Social Media Profile Detection <b>2021</b> , 193-209	1
17	Cardiac Arrhythmia Detection and Classification From ECG Signals Using XGBoost Classifier <b>2021</b> , 141-157	1
16	Image Anonymization Using Deep Convolutional Generative Adversarial Network <b>2021</b> , 305-330	1
15	A Rough Decision-Making Model for Biomaterial Selection. <i>Materials Horizons</i> , <b>2019</b> , 227-256	0.6 0
14	An efficient stochastic programming approach for solving integrated multi-objective transportation and inventory management problem using goodness of fit. <i>Kybernetes</i> , <b>2021</b> , ahead-of-print, 768	2 0
13	Two-Stage Credit Scoring Model Based on Evolutionary Feature Selection and Ensemble Neural Networks <b>2021</b> , 99-115	0

12	Automatic Counting and Classification of Silkworm Eggs Using Deep Learning <b>2021</b> , 23-39	0
11	A band selected 3.1B0.1 GHz distributed amplifier in 0.18- $\mu$ m CMOS technology. <i>Microwave and Optical Technology Letters</i> , <b>2011</b> , 53, 1850-1853	1.2
10	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> , <b>2021</b> , 107-132	0.6
9	A Wind Speed Prediction System Using Deep Neural Networks <b>2021</b> , 41-59	
8	Spark-Enhanced Deep Neural Network Framework for Medical Phrase Embedding <b>2021</b> , 289-304	
7	A Hybrid Approach for Feature Extraction From Reviews to Perform Sentiment Analysis <b>2021</b> , 267-287	
6	Facial Expression Recognition Using Fusion of Deep Learning and Multiple Features <b>2021</b> , 229-246	
5	On Fusion of NIR and VW Information for Cross-Spectral Iris Matching <b>2021</b> , 175-191	
4	Res-SE-Net: Boosting Performance of ResNets by Enhancing Bridge Connections <b>2021</b> , 61-75	
3	AnimNet: An Animal Classification Network using Deep Learning <b>2021</b> , 247-265	
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1	Enhanced Block-Based Feature Agglomeration Clustering for Video Summarization <b>2021</b> , 117-140	