Shankar Chakraborty

List of Publications by Year
in descending order

159	5,074	87843	110317
papers	citations	38	64
		h-index	g-index

159	159	159	2874
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Applications of the MOORA method for decision making in manufacturing environment. International Journal of Advanced Manufacturing Technology, 2011, 54, 1155-1166.	1.5	342
2	Materials selection using complex proportional assessment and evaluation of mixed data methods. Materials & Design, 2011, 32, 851-860.	5.1	284
3	Application of multi-objective optimization on the basis of ratio analysis (MOORA) method for materials selection. Materials & Design, 2012, 37, 317-324.	5.1	256
4	Applications of WASPAS Method in Manufacturing Decision Making. Informatica, 2014, 25, 1-20.	1.5	253
5	Material selection using preferential ranking methods. Materials & Design, 2012, 35, 384-393.	5.1	193
6	Selection of materials using compromise ranking and outranking methods. Materials & Design, 2009, 30, 4043-4053.	5.1	182
7	Selection of industrial robots using compromise ranking and outranking methods. Robotics and Computer-Integrated Manufacturing, 2010, 26, 483-489.	6.1	145
8	Parametric optimization of some non-traditional machining processes using artificial bee colony algorithm. Engineering Applications of Artificial Intelligence, 2011, 24, 946-957.	4.3	138
9	Cutting tool material selection using grey complex proportional assessment method. Materials & Design, 2012, 36, 372-378.	5.1	103
10	Design of a material handling equipment selection model using analytic hierarchy process. International Journal of Advanced Manufacturing Technology, 2006, 28, 1237-1245.	1.5	101
11	Selection of wire electrical discharge machining process parameters using non-traditional optimization algorithms. Applied Soft Computing Journal, 2012, 12, 2506-2516.	4.1	88
12	Recognition of control chart patterns using improved selection of features. Computers and Industrial Engineering, 2009, 56, 1577-1588.	3.4	85
13	A comparative study on the ranking performance of some multi-criteria decision-making methods for industrial robot selection. International Journal of Industrial Engineering Computations, 2011, 2, 831-850.	0.4	81
14	Development of an integrated decision making model for location selection of logistics centers in the Spanish autonomous communities. Expert Systems With Applications, 2020, 148, 113208.	4.4	75
15	Feature-based recognition of control chart patterns. Computers and Industrial Engineering, 2006, 51, 726-742.	3.4	73
16	Grinding Wheel Abrasive Material Selection Using Fuzzy TOPSIS Method. Materials and Manufacturing Processes, 2013, 28, 408-417.	2.7	69
17	A comparative analysis of VIKOR method and its variants. Decision Science Letters, 2016, , 469-486.	0.5	62
18	Selection of non-traditional machining processes using analytic network process. Journal of Manufacturing Systems, 2011, 30, 41-53.	7.6	61

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19	An integrated D-MARCOS method for supplier selection in an iron and steel industry. Decision Making: Applications in Management and Engineering, 2020, 3, 49-69.	3.3	61
20	Selection of the optimal electrochemical machining process parameters using biogeography-based optimization algorithm. International Journal of Advanced Manufacturing Technology, 2013, 64, 781-791.	1.5	57
21	Optimization of Correlated Responses of EDM Process. Materials and Manufacturing Processes, 2012, 27, 337-347.	2.7	56
22	Applications of utility concept and desirability function for materials selection. Materials & Design, 2013, 45, 349-358.	5.1	55
23	A quality function deployment-based model for materials selection. Materials & Design, 2013, 49, 525-535.	5.1	54
24	Parametric optimization of abrasive water-jet machining processes using grey wolf optimizer. Materials and Manufacturing Processes, 2018, 33, 1471-1482.	2.7	53
25	QFD-based expert system for non-traditional machining processes selection. Expert Systems With Applications, 2007, 32, 1208-1217.	4.4	52
26	Optimization of correlated multiple responses of ultrasonic machining (USM) process. International Journal of Advanced Manufacturing Technology, 2011, 53, 1115-1127.	1.5	51
27	Performance evaluation of Indian Railway zones using DEMATEL and VIKOR methods. Benchmarking, 2016, 23, 78-95.	2.9	51
28	Tool steel material selection using PROMETHEE II method. International Journal of Advanced Manufacturing Technology, 2015, 78, 1537-1547.	1.5	47
29	Selection of EDM Process Parameters Using Biogeography-Based Optimization Algorithm. Materials and Manufacturing Processes, 2012, 27, 954-962.	2.7	45
30	Decision making for material selection using the UTA method. International Journal of Advanced Manufacturing Technology, 2011, 57, 11-22.	1.5	44
31	Selection of materials using multi-criteria decision-making methods with minimum data. Decision Science Letters, 2013, , 135-148.	0.5	44
32	A material selection approach using the TODIM (TOmada de Decisao Interativa Multicriterio) method and its analysis. International Journal of Materials Research, 2017, 108, 345-354.	0.1	44
33	Development of a decision support framework for sustainable freight transport system evaluation using rough numbers. International Journal of Production Research, 2020, 58, 4325-4351.	4.9	44
34	A NOVEL HYBRID METHOD FOR NON-TRADITIONAL MACHINING PROCESS SELECTION USING FACTOR RELATIONSHIP AND MULTI-ATTRIBUTIVE BORDER APPROXIMATION METHOD. Facta Universitatis, Series: Mechanical Engineering, 2017, 15, 439.	2.3	44
35	A study on the various features for effective control chart pattern recognition. International Journal of Advanced Manufacturing Technology, 2007, 34, 385-398.	1.5	43
36	A CLOUD TOPSIS MODEL FOR GREEN SUPPLIER SELECTION. Facta Universitatis, Series: Mechanical Engineering, 2020, 18, 375.	2.3	43

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37	A study on the performance of some multi-response optimisation methods for WEDM processes. International Journal of Advanced Manufacturing Technology, 2010, 49, 155-166.	1.5	42
38	An expert system for control chart pattern recognition. International Journal of Advanced Manufacturing Technology, 2012, 62, 291-301.	1.5	41
39	Improved recognition of control chart patterns using artificial neural networks. International Journal of Advanced Manufacturing Technology, 2008, 36, 1191-1201.	1.5	40
40	Flexible manufacturing system selection using preference ranking methods : A comparative study. International Journal of Industrial Engineering Computations, 2014, 5, 315-338.	0.4	39
41	Parametric optimization of ultrasonic machining process using gravitational search and fireworks algorithms. Ain Shams Engineering Journal, 2015, 6, 315-331.	3.5	39
42	A Scoping Review on the Applications of MCDM Techniques for Parametric Optimization of Machining Processes. Archives of Computational Methods in Engineering, 2022, 29, 4165-4186.	6.0	39
43	Material selection using multi-criteria decision-making methods: a comparative study. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2012, 226, 266-285.	0.7	38
44	A SWARA-CoCoSo-Based Approach for Spray Painting Robot Selection. Informatica, 2022, , 35-54.	1.5	38
45	A digraph-based expert system for non-traditional machining processes selection. International Journal of Advanced Manufacturing Technology, 2009, 43, 226-237.	1.5	37
46	Evaluating performance of engineering departments in an Indian University using DEMATEL and compromise ranking methods. Opsearch, 2015, 52, 307-328.	1.1	36
47	Design of an analytic-hierarchy-process-based expert system for non-traditional machining process selection. International Journal of Advanced Manufacturing Technology, 2006, 31, 490-500.	1.5	32
48	Optimisation of multiple responses for WEDM processes using weighted principal components. International Journal of Advanced Manufacturing Technology, 2009, 40, 1102-1110.	1.5	31
49	Using MACBETH method for supplier selection in manufacturing environment. International Journal of Industrial Engineering Computations, 2013, 4, 259-272.	0.4	30
50	Multi-response optimisation of WEDM process using principal component analysis. International Journal of Advanced Manufacturing Technology, 2009, 41, 741-748.	1.5	29
51	Application of PROMETHEE-GAIA method for non-traditional machining processes selection. Management Science Letters, 2012, 2, 2049-2060.	0.8	29
52	Application of grey-fuzzy logic technique for parametric optimization of non-traditional machining processes. Grey Systems Theory and Application, 2018, 8, 46-68.	1.0	29
53	An Integrated DEMATELâ€"VIKOR Method-Based Approach for Cotton Fibre Selection and Evaluation. Journal of the Institution of Engineers (India): Series E, 2018, 99, 63-73.	0.5	27
54	Performance evaluation of Indian states in tourism using an integrated PROMETHEE-GAIA approach. Opsearch, 2016, 53, 63-84.	1.1	26

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55	Non-traditional machining processes selection using data envelopment analysis (DEA). Expert Systems With Applications, 2011, 38, 8770-8781.	4.4	25
56	Material Handling Equipment Selection Using Weighted Utility Additive Theory. Journal of Industrial Engineering, 2013, 2013, 1-9.	0.6	24
57	A software prototype for material handling equipment selection for construction sites. Automation in Construction, 2015, 57, 120-131.	4.8	22
58	Multi-Objective Optimization of Wire Electro Discharge Machining (WEDM) Process Parameters Using Grey-FuzzyÂApproach. Periodica Polytechnica, Mechanical Engineering, 2018, 63, 16-25.	0.8	21
59	A solution to robot selection problems using data envelopment analysis. International Journal of Industrial Engineering Computations, 2013, 4, 355-372.	0.4	20
60	Materials selection using COPRAS and COPRAS-G methods. International Journal of Materials and Structural Integrity, 2012, 6, 111.	0.1	19
61	OPTIMIZATION OF MULTI-PASS FACE MILLING PARAMETERS USING METAHEURISTIC ALGORITHMS. Facta Universitatis, Series: Mechanical Engineering, 2019, 17, 365.	2.3	19
62	Non-traditional machining processes selection and evaluation: A rough multi-attributive border approximation area comparison approach. Computers and Industrial Engineering, 2020, 139, 106201.	3.4	18
63	A Hybrid TOPSIS-PR-GWO Approach for Multi-objective Process Parameter Optimization. Process Integration and Optimization for Sustainability, 2022, 6, 1011-1026.	1.4	18
64	Parametric Optimization of Nd:YAG Laser Beam Machining Process Using Artificial Bee Colony Algorithm. Journal of Industrial Engineering, 2013, 2013, 1-15.	0.6	17
65	A DEA-TOPSIS-based approach for performance evaluation of Indian technical institutes. Decision Science Letters, 2014, 3, 397-410.	0.5	17
66	A Grey Fuzzy Logic Approach for Cotton Fibre Selection. Journal of the Institution of Engineers (India): Series E, 2017, 98, 1-9.	0.5	17
67	Material Selection in Manufacturing Environment Using Compromise Ranking and Regret Theory-based Compromise Ranking Methods: A Comparative Study. Universal Journal of Materials Science, 2013, 1, 69-77.	0.3	17
68	Application of fuzzy axiomatic design principles for selection of non-traditional machining processes. International Journal of Advanced Manufacturing Technology, 2016, 83, 529-543.	1.5	16
69	A DoEâ€"TOPSIS method-based meta-model for parametric optimization of non-traditional machining processes. Journal of Modelling in Management, 2019, 14, 430-455.	1.1	16
70	Parametric analysis of a green electrical discharge machining process using DEMATEL and SIR methods. Opsearch, 2020, 57, 513-540.	1.1	16
71	Non-conventional optimization techniques in optimizing non-traditional machining processes: A review. Management Science Letters, 2013, 4, 23-38.	0.8	15
72	SMALL HYDRO-POWER PLANT PROJECT SELECTION USING FUZZY AXIOMATIC DESIGN PRINCIPLES. Technological and Economic Development of Economy, 2015, 21, 756-772.	2.3	15

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73	A QFD-based expert system for industrial truck selection in manufacturing organizations. Journal of Manufacturing Technology Management, 2016, 27, 800-817.	3.3	15
74	Bi-objective dependent location quadratic assignment problem: Formulation and solution using a modified artificial bee colony algorithm. Computers and Industrial Engineering, 2018, 121, 8-26.	3.4	15
75	A Comparative Analysis on Prediction Performance of Regression Models during Machining of Composite Materials. Materials, 2021, 14, 6689.	1.3	15
76	A developed case-based reasoning system for machine tool selection. Benchmarking, 2017, 24, 1364-1385.	2.9	14
77	Grey-fuzzy method-based parametric analysis of abrasive water jet machining on GFRP composites. Sadhana - Academy Proceedings in Engineering Sciences, 2020, 45, 1.	0.8	14
78	Application of grey correlation-based EDAS method for parametric optimization of non-traditional machining processes. Scientia Iranica, 2020, .	0.3	14
79	Nontraditional machining processes selection using evaluation of mixed data method. International Journal of Advanced Manufacturing Technology, 2013, 68, 1613-1626.	1.5	13
80	A comparative study on the metaheuristic-based optimization of skew composite laminates. Engineering With Computers, 2022, 38, 3549-3566.	3.5	13
81	CoCoSo method-based optimization of cryogenic drilling on multi-walled carbon nanotubes reinforced composites. International Journal on Interactive Design and Manufacturing, 2023, 17, 279-297.	1.3	13
82	A Conceptual Comparison of Dragonfly Algorithm Variants for CEC-2021 Global Optimization Problems. Arabian Journal for Science and Engineering, 2023, 48, 1563-1593.	1.7	12
83	Retrieval of machining information from feature patterns using artificial neural networks. International Journal of Advanced Manufacturing Technology, 2006, 27, 781-787.	1.5	11
84	Advanced manufacturing systems selection using ORESTE method. International Journal of Advanced Operations Management, 2013, 5, 337.	0.3	11
85	Development of a meta-model for the determination of technological value of cotton fiber using design of experiments and the TOPSIS method. Journal of Natural Fibers, 2018, 15, 882-895.	1.7	11
86	A quick convergent artificial bee colony algorithm for solving quadratic assignment problems. Computers and Industrial Engineering, 2019, 137, 106070.	3.4	11
87	Development of an intelligent decision model for non-traditional machining processes. Decision Making: Applications in Management and Engineering, 2021, 4, 194-214.	3.3	11
88	Application of Grey-PROMETHEE Method for Parametric Optimization of a Green Powder Mixed EDM Process. Process Integration and Optimization for Sustainability, 2021, 5, 645-661.	1.4	11
89	Performance Analysis of Radial Basis Function Metamodels for Predictive Modelling of Laminated Composites. Materials, 2021, 14, 3306.	1.3	11
90	TEACHING-LEARNING-BASED PARAMETRIC OPTIMIZATION OF AN ELECTRICAL DISCHARGE MACHINING PROCESS. Facta Universitatis, Series: Mechanical Engineering, 2020, 18, 281.	2.3	11

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91	Applications of optimization techniques for parametric analysis of non-traditional machining processes: A Review. Management Science Letters, 2019, , 467-494.	0.8	11
92	SWARA-CoCoSo method-based parametric optimization of green dry milling processes. Journal of Engineering and Applied Science, 2022, 69, .	0.8	11
93	A hybrid MCDM approach for parametric optimization of a micro-EDM process. International Journal on Interactive Design and Manufacturing, 2022, 16, 1739-1759.	1.3	11
94	Real time statistical process advisor for effective quality control. Decision Support Systems, 2006, 42, 700-711.	3.5	10
95	Turbine blade material selection using fuzzy analytic network process. International Journal of Materials and Structural Integrity, 2012, 6, 169.	0.1	10
96	A decision-making model for non-traditional machining processes selection. Decision Science Letters, 2014, 3, 467-478.	0.5	10
97	Cotton fibre selection and grading â€" a PROMETHEE-GAIA-based approach. International Journal of Clothing Science and Technology, 2017, 29, 646-660.	0.5	10
98	A decision guidance framework for non-traditional machining processes selection. Ain Shams Engineering Journal, 2018, 9, 203-214.	3.5	10
99	A multivariate quality loss function approach for parametric optimization of non-traditional machining processes. Management Science Letters, 2018, , 873-884.	0.8	10
100	Analysis of Cotton Fibre Properties: A Data Mining Approach. Journal of the Institution of Engineers (India): Series E, 2018, 99, 163-176.	0.5	10
101	Determination of the optimal drill path sequence using bat algorithm and analysis of its optimization performance. Journal of Industrial and Production Engineering, 2019, 36, 97-112.	2.1	10
102	Cotton Fabric Selection Using a Grey Fuzzy Relational Analysis Approach. Journal of the Institution of Engineers (India): Series E, 2019, 100, 21-36.	0.5	10
103	Application of Superiority and Inferiority Multi-criteria Ranking Method for Parametric Optimization of Laser Cutting Processes. Process Integration and Optimization for Sustainability, 2020, 4, 409-427.	1.4	10
104	Multi-response Optimization of Hybrid Machining Processes Using Evaluation Based on Distance from Average Solution Method in Intuitionistic Fuzzy Environment. Process Integration and Optimization for Sustainability, 2020, 4, 481-495.	1.4	10
105	A grey correlation-based TOPSIS approach for optimization of surface roughness and micro hardness of Nitinol during WEDM operation. Materials Today: Proceedings, 2020, 28, 568-573.	0.9	10
106	Grey wolf optimizer-based design of ventilated brake disc. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2021, 43, 1.	0.8	10
107	Optimization of Process Parameters for Friction Materials Using Multi-Criteria Decision Making: A Comparative Analysis. Processes, 2021, 9, 1570.	1.3	10
108	Concurrent optimisation of a computer vision systemâ€™s multiple responses. International Journal of Advanced Manufacturing Technology, 2006, 28, 577-583.	1.5	9

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109	A Quality Function Deployment-Based Model for Cutting Fluid Selection. Advances in Tribology, 2016, 2016, 1-10.	2.1	9
110	Application of the grey-based fuzzy logic approach for materials selection. International Journal of Materials Research, 2017, 108, 702-709.	0.1	9
111	A Developed Meta-model for Selection of Cotton Fabrics Using Design of Experiments and TOPSIS Method. Journal of the Institution of Engineers (India): Series E, 2017, 98, 79-90.	0.5	9
112	A Quality Function Deployment-Based Expert System for Cotton Fibre Selection. Journal of the Institution of Engineers (India): Series E, 2018, 99, 43-53.	0.5	9
113	Improvement in the performance with less stiff air layer formation around the rubber tube-pasted grinding wheel. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2019, 233, 5175-5189.	1.1	9
114	Optimization of the multi-hole drilling path sequence for concentric circular patterns. Opsearch, 2020, 57, 746-764.	1.1	9
115	Prediction of Responses in a Sustainable Dry Turning Operation: A Comparative Analysis. Mathematical Problems in Engineering, 2021, 2021, 1-15.	0.6	9
116	Parametric optimization of non-traditional machining processes using Taguchi method and super ranking concept. Yugoslav Journal of Operations Research, 2019, 29, 249-271.	0.5	9
117	A Comprehensive Review on High-Fidelity and Metamodel-Based Optimization of Composite Laminates. Archives of Computational Methods in Engineering, 2022, 29, 3305-3340.	6.0	9
118	Development of a QFD-based expert system for CNC turning centre selection. Journal of Industrial Engineering International, 2015, 11, 575-594.	1.8	8
119	Application of fuzzy axiomatic design principles for cotton fibre selection. Journal of the Textile Institute, 2018, 109, 730-739.	1.0	8
120	A DEMATEL-MABAC-based approach for grading and evaluation of jute fibers. Research Journal of Textile and Apparel, 2020, 24, 341-355.	0.6	8
121	A novel decision-making approach for light weight environment friendly material selection. Materials Today: Proceedings, 2020, 22, 1460-1469.	0.9	8
122	Evaluation of educational performance of Indian states using PROMETHEE-GIS approach. Benchmarking, 2017, 24, 1709-1728.	2.9	7
123	Application of simultaneous evaluation of criteria and alternatives (SECA) method for parametric optimization of hybrid machining processes. International Journal on Interactive Design and Manufacturing, 2022, 16, 1497-1509.	1.3	7
124	Parametric optimization of CVD process for DLC Thin film coatings: a comparative analysis. Sadhana - Academy Proceedings in Engineering Sciences, 2022, 47, 1.	0.8	7
125	Parameter selection in non-traditional machining processes using a data mining approach. Decision Science Letters, 2015, 4, 211-226.	0.5	6
126	Decision-making for materials selection using fuzzy axiomatic design principles. International Journal of Industrial and Systems Engineering, 2015, 20, 117.	0.1	6

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127	Multi-objective Optimization of Yarn Characteristics Using Evolutionary Algorithms: A Comparative Study. Journal of the Institution of Engineers (India): Series E, 2018, 99, 129-140.	0.5	6
128	A modified principal component analysis-based utility theory approach for optimization of correlated responses of EDM process. International Journal of Engineering, Science and Technology, 2018, 4, 34-45.	0.3	6
129	Teaching-learning-based optimization of ring and rotor spinning processes. Soft Computing, 2021, 25, 10287-10307.	2.1	6
130	A multi-criteria decision support model for optimal cotton fibre blending. Journal of the Textile Institute, 2018, 109, 1482-1492.	1.0	5
131	A DoEâ€"TOPSIS meta-model for parametric optimization of silicon carbonitride (SiCN) thin film deposition process. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.	0.8	5
132	A multi-attributive ideal-real comparative analysis-based approach for piston material selection. Opsearch, 2022, 59, 207-228.	1.1	5
133	Multi-objective optimization of electrochemical discharge machining processes: a posteriori approach based on bird mating optimizer. Opsearch, 2017, 54, 306-335.	1.1	4
134	A state-wise performance appraisal of the Indian roads using PROMETHEE-GIS approach. Benchmarking, 2018, 25, 3338-3356.	2.9	4
135	Structural equation modeling-based performance estimation and parametric analysis of wire electrical discharge machining processes. Sadhana - Academy Proceedings in Engineering Sciences, 2021, 46, 1.	0.8	4
136	An integrated performance evaluation approach for the Indian smart cities. Opsearch, 2021, 58, 906-941.	1.1	4
137	Fuzzy Modelling and Parametric Analysis of the Ring Spinning Process. Tekstil Ve Muhendis, 2019, 26, 132-148.	0.3	4
138	Q-analysis in Materials Selection. Decision Science Letters, 2015, , 51-62.	0.5	3
139	Development of association rules to study the parametric influences in non-traditional machining processes. Sadhana - Academy Proceedings in Engineering Sciences, 2019, 44, 1.	0.8	3
140	Metaheuristics-based parametric optimization of multi-pass turning process: a comparative analysis. Opsearch, 2020, 57, 414-437.	1.1	3
141	Material selection of a mechanical component based on criteria relationship evaluation and MCDM approach. Materials Today: Proceedings, 2021, 44, 1621-1626.	0.9	3
142	A comparative analysis on metamodel-based predictive modeling of electrical discharge machining processes. International Journal on Interactive Design and Manufacturing, 2023, 17, 385-406.	1.3	3
143	Supplier Selection Using Weighted Utility Additive Method. Journal of the Institution of Engineers (India): Series C, 2015, 96, 397-406.	0.7	2
144	Parametric Optimization of Electrochemical Machining Process Using Taguchi Method and Super Ranking Concept While Machining on Inconel 825. Advances in Intelligent Systems and Computing, 2020, , 407-415.	0.5	2

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145	Lexicographic method-based parametric optimization of non-traditional machining processes for ceramic materials. Opsearch, 2020, 57, 700-715.	1.1	2
146	A Rough Decision-Making Model for Biomaterial Selection. Materials Horizons, 2019, , 227-256.	0.3	2
147	Optimization of electrochemical machining process parameters using teaching-learning-based algorithm. AIP Conference Proceedings, 2020, , .	0.3	2
148	An integrated IRN-SWARA-MABAC-based approach for evaluation of tourism websites of the Indian states. Opsearch, 2022, 59, 974-1017.	1.1	2
149	Feature-Based Recognition of Control Chart Patterns: A Generalized Approach. Quality Technology and Quantitative Management, 2008, 5, 203-220.	1.1	1
150	A Multivariate Quality Loss Function Approach for Optimization of Spinning Processes. Journal of the Institution of Engineers (India): Series E, 2018, 99, 101-109.	0.5	1
151	Discriminant analysis-based modeling of cotton fiber and yarn properties. Research Journal of Textile and Apparel, 2022, 26, 18-40.	0.6	1
152	A path analysis-based approach for parametric study of an electrochemical machining process. Advances in Materials and Processing Technologies, 2022, 8, 2918-2940.	0.8	1
153	Parametric modelling of a wire electrical discharge machining process using path analysis approach. International Journal of Modelling and Simulation, 0, , 1-18.	2.3	1
154	A Taguchi based super ranking method in parametric optimization of powder mixed electro-discharge machining processes. AIP Conference Proceedings, 2020, , .	0.3	1
155	A hybrid optimization approach for parametric optimization of wire electrical discharge machining of EN-8 carbon steel. AIP Conference Proceedings, 2020, , .	0.3	1
156	A quality function deployment-based model for coordinate measuring machine selection. International Journal of Productivity and Quality Management, 2018, 25, 368.	0.1	0
157	Adaptive Neuro-fuzzy Inference System-based Modelling of Cotton Yarn Properties. Journal of the Institution of Engineers (India): Series E, 0, , 1.	0.5	0
158	Fuzzy modeling and parametric analysis of wire-cut electrical discharge machining process in cutting of 2205 grade duplex stainless steel. AIP Conference Proceedings, 2020, , .	0.3	0
159	Application of multivariate loss function and distance function approaches for materials selection. AIP Conference Proceedings, 2020, , .	0.3	0