

Kaushik Kumar

List of Publications by Citations

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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.

167
papers

773
citations

15
h-index

22
g-index

244
ext. papers

947
ext. citations

0.8
avg. IF

5
L-index

#	Paper	IF	Citations
167	Application of Artificial Bee Colony Algorithm for Optimization of MRR and Surface Roughness in EDM of EN31 Tool Steel 2014 , 6, 741-751		38
166	An insight into additive manufacturing of fiber reinforced polymer composite. <i>International Journal of Lightweight Materials and Manufacture</i> , 2019 , 2, 267-278	2.2	34
165	Mechanical and tribological behaviour of nano scaled silicon carbide reinforced aluminium composites. <i>Journal of Experimental Nanoscience</i> , 2018 , 13, S1-S13	1.9	33
164	Effect and Optimization of Various Machine Process Parameters on the Surface Roughness in EDM for an EN41 Material Using Grey-Taguchi 2014 , 6, 383-390		32
163	Optimization of Mechanical Properties of Epoxy based Wood Dust Reinforced Green Composite Using Taguchi Method 2014 , 5, 688-696		31
162	Optimization of Machine Process Parameters in EDM for EN 31 Using Evolutionary Optimization Techniques. <i>Technologies</i> , 2018 , 6, 54	2.4	27
161	Optimization of Surface Roughness and MRR in Electrochemical Machining of EN31 Tool Steel Using Grey-taguchi Approach 2014 , 6, 729-740		27
160	Mechanical characterization and quantification of tensile, fracture and viscoelastic characteristics of wood filler reinforced epoxy composite. <i>Wood Science and Technology</i> , 2018 , 52, 677-699	2.5	26
159	Optimization of Surface Roughness and MRR in EDM Using WPCA. <i>Procedia Engineering</i> , 2013 , 64, 446-455		25
158	Optimization of Process Parameters in Plasma arc Cutting of EN 31 Steel Based on MRR and Multiple Roughness Characteristics Using Grey Relational Analysis 2014 , 5, 1550-1559		24
157	Assessment and Response of Treated Cocos nucifera Reinforced Toughened Epoxy Composite Towards Fracture and Viscoelastic Properties. <i>Journal of Polymers and the Environment</i> , 2018 , 26, 2522-2535	4.5	21
156	Establishment and Effect of Constraint on Different Mechanical Properties of Bamboo Filler Reinforced Epoxy Composite. <i>International Polymer Processing</i> , 2017 , 32, 308-315	1	20
155	Optimization of Material Removal Rate During Turning of SAE 1020 Material in CNC Lathe using Taguchi Technique. <i>Procedia Engineering</i> , 2014 , 97, 29-35		19
154	Study of Friction and Wear Properties of ABS/Kaolin Polymer Composites Using Grey Relational Technique. <i>Procedia Technology</i> , 2014 , 14, 196-203		19
153	A brief review on cryogenics in machining process. <i>SN Applied Sciences</i> , 2020 , 2, 1	1.8	17
152	Tailoring the performance of bamboo filler reinforced epoxy composite: insights into fracture properties and fracture mechanism. <i>Journal of Polymer Research</i> , 2019 , 26, 1	2.7	15
151	Effect and Optimization of Machine Process Parameters on MRR for EN19 & EN41 Materials Using Taguchi. <i>Procedia Technology</i> , 2014 , 14, 204-210		15

150	Industry 4.0. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2019 ,	0.4	14
149	Multi-objective Optimization of Electro-chemical Machining by Non-dominated Sorting Genetic Algorithm. <i>Materials Today: Proceedings</i> , 2015 , 2, 2569-2575	1.4	14
148	Optimization of Mechanical Properties of Silica Gel Reinforced Aluminium MMC by using Taguchi Method. <i>Materials Today: Proceedings</i> , 2015 , 2, 2359-2366	1.4	13
147	Mechanical and Tribological Behavior of ABS/TiO ₂ Polymer Composites and Optimization of Tribological Properties Using Grey Relational Analysis. <i>Journal of the Institution of Engineers (India): Series C</i> , 2016 , 97, 41-53	0.9	13
146	Manufacturability considerations for DSA 2014 ,		11
145	Design of a Mixed Flow Pump Impeller Blade and its Validation Using Stress Analysis 2014 , 6, 417-424		11
144	Design analysis of Mixed Flow Pump Impeller Blades Using ANSYS and Prediction of its Parameters using Artificial Neural Network. <i>Procedia Engineering</i> , 2014 , 97, 2022-2031		10
143	Optimization and Prediction of Material Removing Rate in Die Sinking Electro Discharge Machining of EN45 Steel Tool. <i>Materials Today: Proceedings</i> , 2015 , 2, 2346-2352	1.4	9
142	Mechanical behaviour of graphene and carbon fibre reinforced epoxy based hybrid nanocomposites for orthotic callipers. <i>Journal of Experimental Nanoscience</i> , 2018 , 13, S14-S23	1.9	9
141	Investigation on Electrochemical Machining of EN31 Steel for Optimization of MRR and Surface Roughness Using Artificial Bee Colony Algorithm. <i>Procedia Engineering</i> , 2014 , 97, 1587-1596		9
140	Optimization of Material Removal Rate in EDM Using Taguchi Method. <i>Advanced Materials Research</i> , 2012 , 626, 270-274	0.5	9
139	Optimization of MRR and Surface Roughness in PAC of EN 31 Steel Using Weighted Principal Component Analysis. <i>Procedia Technology</i> , 2014 , 14, 211-218		8
138	Optimisation of EDM process parameters using grey-Taguchi technique. <i>International Journal of Machining and Machinability of Materials</i> , 2014 , 15, 235	0.7	8
137	Design of a Mixed Flow Pump Impeller and its Validation Using FEM Analysis. <i>Procedia Technology</i> , 2014 , 14, 181-187		7
136	Graphene-based polymeric nano-composites: an introspection into functionalization, processing techniques and biomedical applications. <i>Biointerface Research in Applied Chemistry</i> , 2019 , 9, 3926-3933	2.8	7
135	Laser Micromachining of Engineering Materials A Review. <i>Materials Forming, Machining and Tribology</i> , 2019 , 121-136	0.5	7
134	Perspective on the mechanical response of pineapple leaf filler/toughened epoxy composites under diverse constraints. <i>Polymer Bulletin</i> , 2020 , 77, 4105-4129	2.4	7
133	Metallic biomaterials A review 2019 , 83-99		6

132	Material Selection for Blades of Mixed Flow Pump Impeller Using ANSYS. <i>Materials Today: Proceedings</i> , 2015 , 2, 2022-2029	1.4	6
131	Strength Optimization for Kaolin Reinforced Epoxy Composite Using Taguchi Method. <i>Materials Today: Proceedings</i> , 2015 , 2, 2380-2388	1.4	6
130	Design and Optimization of Portable Foot Bridge. <i>Procedia Engineering</i> , 2014 , 97, 1041-1048		6
129	Effect and Optimization of Various Machine Process Parameters on the Surface Roughness in EDM for an EN19 Material Using Response Surface Methodology 2014 , 5, 1702-1709		6
128	Composites and Advanced Materials for Industrial Applications. <i>Advances in Chemical and Materials Engineering Book Series</i> , 2018 ,	0.2	6
127	Efficacy of Vehicle Chassis of Polymeric Composite. <i>Materials Today: Proceedings</i> , 2020 , 22, 2638-2646	1.4	5
126	Advanced manufacturing techniques for composite structures used in aerospace industries 2020 , 3-12		5
125	Estimation of Mechanical and Tribological Properties of Epoxy-Based Green Composites. <i>Advances in Chemical and Materials Engineering Book Series</i> ,96-124	0.2	5
124	Micro and Nano Machining of Engineering Materials. <i>Materials Forming, Machining and Tribology</i> , 2019 ,	0.5	5
123	Time-temperature-cure process window of epoxy-vinyl ester resin for applications in liquid composite moulding processes. <i>Materials Today: Proceedings</i> , 2021 , 39, 1407-1411	1.4	5
122	Biomedical Design of Powered Ankle- Foot Prosthesis [A Review]. <i>Materials Today: Proceedings</i> , 2018 , 5, 3273-3282	1.4	4
121	Design and Optimization of Mixed Flow Pump Impeller Blades [A Review]. <i>Materials Today: Proceedings</i> , 2018 , 5, 4460-4466	1.4	4
120	Optimization of Overcut in Electrochemical Machining for EN 19 Tool Steel Using Taguchi Approach. <i>Materials Today: Proceedings</i> , 2015 , 2, 2337-2345	1.4	4
119	Optimization of Volumetric Composition and Cross-Section of Carbon Reinforced Epoxy based Polymeric Composite Tubes in Spaceframe Chassis. <i>Materials Today: Proceedings</i> , 2019 , 18, 3812-3820	1.4	4
118	Fabrication and strength analysis of rice straw fibers reinforced epoxy biodegradable composite. <i>Materials Today: Proceedings</i> , 2021 , 46, 331-335	1.4	4
117	Material Selection for Turbine Seal Strips using PROMETHEE-GAIA Method. <i>Materials Today: Proceedings</i> , 2018 , 5, 17533-17539	1.4	4
116	Socio-technical Considerations. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2019 , 43-51	0.4	3
115	CNC Programming for Machining. <i>Materials Forming, Machining and Tribology</i> , 2020 ,	0.5	3

114	Advanced Machining and Manufacturing Processes. <i>Materials Forming, Machining and Tribology</i> , 2018 ,	0.5	3
113	Trench and hole patterning with EUV resists using dual frequency capacitively coupled plasma (CCP) 2015 ,		3
112	Challenges and mitigation strategies for resist trim etch in resist-mandrel based SAQP integration scheme 2015 ,		3
111	Plasma etch patterning of EUV lithography: balancing roughness and selectivity trade off 2016 ,		3
110	Static Structural Analysis of a Powered Ankle Foot Prosthesis Mechanism. <i>Materials Today: Proceedings</i> , 2018 , 5, 11616-11621	1.4	3
109	Experimental studies on hydrodynamic characteristics using an oblique plunging liquid jet. <i>Physics of Fluids</i> , 2018 , 30, 122107	4.4	3
108	Design and optimization of mixed flow pump impeller blades by varying semi-cone angle. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 330, 012095	0.4	3
107	Material Analysis for Blade of a Mixed Flow Pump Impeller Designed Through Mean Stream Line Method. <i>Materials Today: Proceedings</i> , 2017 , 4, 1580-1589	1.4	2
106	Requirements of Education and Qualification. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2019 , 27-33	0.4	2
105	Effect of Process Parameters on MRR and Surface Roughness in ECM of EN 31 Tool Steel Using WPCA. <i>International Journal of Materials Forming and Machining Processes</i> , 2017 , 4, 45-63	0.1	2
104	Design validation & stress analysis of mixed flow pump impeller blades under applied uniformly distributed and uniformly varying loads.. <i>Materials Today: Proceedings</i> , 2018 , 5, 4646-4652	1.4	2
103	3D CAD Modelling and Computational Fluid Analysis of Piston Valve of Twin Tube Shock Absorbers. <i>Materials Today: Proceedings</i> , 2017 , 4, 7420-7425	1.4	2
102	Comparison of Stresses in Blade of a Mixed Flow Pump Impeller Designed Using Mean Stream Line Method and Free Vortex Method. <i>Materials Today: Proceedings</i> , 2017 , 4, 9333-9340	1.4	2
101	Optimization of WEDM Process Parameters for MRR and Surface Roughness using Taguchi-Based Grey Relational Analysis. <i>International Journal of Materials Forming and Machining Processes</i> , 2015 , 2, 1-25	0.1	2
100	Virtual manufacturing of various types of gears and validation of the technique using rapid prototype. <i>Virtual and Physical Prototyping</i> , 2012 , 7, 153-171	10.1	2
99	Virtual manufacturing of gears with chip formation. <i>International Journal of Computer Applications in Technology</i> , 2008 , 33, 63	0.7	2
98	Digital Manufacturing and Assembly Systems in Industry 4.0		2
97	Sustainability in bio-metallic orthopedic implants. <i>Biointerface Research in Applied Chemistry</i> , 2019 , 9, 3825-3829	2.8	2

96	Identification of Optimal Process Parameters in Electro-Discharge Machining Using ANN and PSO. <i>Advances in Mechatronics and Mechanical Engineering</i> , 2018 , 72-90	0.5	2
95	Industrial Applications of Polymer Composite Materials. <i>Advances in Chemical and Materials Engineering Book Series</i> , 2018 , 1-15	0.2	2
94	Application of Renewable Energy System With Fuzzy Logic. <i>Advances in Mechatronics and Mechanical Engineering</i> , 2019 , 284-309	0.5	2
93	Additive Manufacturing. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2019 , 41-76	0.3	2
92	Introduction to Design Thinking. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2020 , 3-15	0.4	2
91	Micro and Nano Machining—An Industrial Perspective. <i>Materials Forming, Machining and Tribology</i> , 2019 , 9-29	0.5	2
90	Optimisation of Mechanical Properties of Wood Dust-reinforced Epoxy Composite Using Grey Relational Analysis. <i>Advances in Intelligent Systems and Computing</i> , 2015 , 13-24	0.4	2
89	Design Thinking to Digital Thinking. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2020 ,	0.4	2
88	Experimental investigation and comparative analysis of mechanical properties of cross layer rice straw fibers filled reinforced epoxy biodegradable composite. <i>Materials Today: Proceedings</i> , 2021 , 46, 340-344	1.4	2
87	2D heat conduction on a flat plate with Ti6Al4V alloy under steady state conduction: A numerical analysis. <i>Materials Today: Proceedings</i> , 2021 , 46, 896-902	1.4	2
86	Computational Fluid Flow Analysis of Base Valve for Twin Tube Shock Absorbers. <i>Materials Today: Proceedings</i> , 2017 , 4, 2308-2313	1.4	1
85	Casting. <i>Materials Forming, Machining and Tribology</i> , 2019 , 37-52	0.5	1
84	Mechanical Behaviour of Materials. <i>Materials Forming, Machining and Tribology</i> , 2019 , 21-34	0.5	1
83	Forming. <i>Materials Forming, Machining and Tribology</i> , 2019 , 53-63	0.5	1
82	Process Planning in Era 4.0. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2019 , 19-26	0.4	1
81	Analysis of Mechanical Properties of Wood Dust Reinforced Epoxy Composite Using Response Surface Methodology. <i>Advanced Materials Research</i> , 2015 , 1119, 258-262	0.5	1
80	Effect of change of material model in Mooney Rivlin hyper-elastic material. <i>Materials Today: Proceedings</i> , 2020 , 26, 2511-2514	1.4	1
79	Suitability of Composite Material for Orthotic Calipers – Tribological Study. <i>Materials Today: Proceedings</i> , 2018 , 5, 5608-5614	1.4	1

78	Design and Analysis of Base Valve of Twin Tube Dampers. <i>Applied Mechanics and Materials</i> , 2016 , 852, 504-510	0.3	1
77	Vibration Analysis of Mixed Flow Pump Impeller Blade Designed Using Mean Stream Line Method. <i>Applied Mechanics and Materials</i> , 2016 , 852, 476-482	0.3	1
76	Application of Flower Pollination Algorithm for Optimization of ECM Process Parameters 2019 , 17-37		1
75	Fire Performance of Natural Fiber Reinforced Polymeric Composites 2019 , 209-224		1
74	Mechanisms and materials of orthotic calipers for polio infected patients [A review] 2017 ,		1
73	Highly selective and precisely controlled aluminum etching by Ar/HBr/CH ₃ F/O ₂ gas chemistry. <i>Japanese Journal of Applied Physics</i> , 2014 , 53, 03DD01	1.4	1
72	Optimization of Process Parameters Using Taguchi Coupled Genetic Algorithm. <i>Advances in Mechatronics and Mechanical Engineering</i> , 2017 , 67-93	0.5	1
71	Application of ANN and PSO Swarm Optimization for Optimization in Advanced Manufacturing. <i>Advances in Business Information Systems and Analytics Book Series</i> , 2018 , 386-406	0.4	1
70	Integrated Manufacturing System for Complex Geometries. <i>Advances in Mechatronics and Mechanical Engineering</i> , 2019 , 14-23	0.5	1
69	Thermal and Residual Stress Distributions in Inconel 625 Butt-Welded Plates: Simulation and Experimental Validation. <i>Advances in Materials Science and Engineering</i> , 2021 , 2021, 1-12	1.5	1
68	Optimization of Process Parameters in Plasma Arc Cutting Applying Genetic Algorithm and Fuzzy Logic. <i>Advances in Mechatronics and Mechanical Engineering</i> , 2018 , 123-139	0.5	1
67	Optimization of Process Parameters for Electro-Chemical Machining of EN19. <i>Advances in Mechatronics and Mechanical Engineering</i> , 2019 , 127-142	0.5	1
66	Design Thinking in Engineering Realm. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2020 , 17-38	0.4	1
65	Bioremediation of oily sludge: A case base analysis to sustainable supply chain. <i>Resources, Environment and Sustainability</i> , 2020 , 2, 100008	3.2	1
64	Introduction to Machining Processes. <i>Materials Forming, Machining and Tribology</i> , 2018 , 41-47	0.5	0
63	Design of Blade of Mixed Flow Pump Impeller Using Mean Stream Line Method. <i>Procedia Technology</i> , 2016 , 23, 464-471		0
62	Python assisted numerical analysis of heat conduction for an orthotropic material. <i>Advances in Materials and Processing Technologies</i> , 1-15	0.8	0
61	Classification of Factors Associated with a Closed-Loop Supply Chain System, Their Modelling Methods and Strategies. <i>Management and Industrial Engineering</i> , 2020 , 19-35	0.2	0

60	Efficacy of Composites for Fabrication of Orthotic Calipers. <i>Advances in Chemical and Materials Engineering Book Series</i> ,267-286	0.2	0
59	Effect of Heat Input on Distortions and Residual Stresses Induced by Gas Tungsten Arc Welding in SS 316L to INCONEL625 Multipass Dissimilar Welded Joints. <i>Advances in Materials Science and Engineering</i> , 2021 , 2021, 1-9	1.5	0
58	Numerical and thermal modelling of machining implants: A case with Ti6Al4V alloy with unsteady heat diffusion. <i>Materials Today: Proceedings</i> , 2021 , 46, 7695-7700	1.4	0
57	Design and Optimization of Mixed Flow Pump Impeller Blades with Hydrostatic Loading and Varying Semi-Cone Angle. <i>Materials Today: Proceedings</i> , 2018 , 5, 11608-11615	1.4	0
56	Introduction to Materials. <i>Materials Forming, Machining and Tribology</i> , 2019 , 3-20	0.5	
55	Machining Process. <i>Materials Forming, Machining and Tribology</i> , 2019 , 85-100	0.5	
54	Welding. <i>Materials Forming, Machining and Tribology</i> , 2019 , 65-81	0.5	
53	Risk Management Implementation. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2019 , 35-42	0.4	
52	Sustainable Business Scenarios in 4.0 Era. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2019 , 53-59	0.4	
51	Intelligent Manufacturing. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2019 , 1-17	0.4	
50	Modeling and Simulation of Film Cooling Effectiveness on a Flat Plate. <i>Materials Today: Proceedings</i> , 2020 , 22, 3261-3267	1.4	
49	A Machining Program Employing a Slip Line Field Modelling Technique Over Other Constitutive Models. <i>International Journal of Manufacturing, Materials, and Mechanical Engineering</i> , 2020 , 10, 18-48	0.5	
48	Mechanical Machining. <i>Materials Forming, Machining and Tribology</i> , 2018 , 49-88	0.5	
47	Hybrid Electrochemical Process. <i>Materials Forming, Machining and Tribology</i> , 2018 , 153-166	0.5	
46	Electrochemical Processes. <i>Materials Forming, Machining and Tribology</i> , 2018 , 105-122	0.5	
45	Thermal Processes. <i>Materials Forming, Machining and Tribology</i> , 2018 , 123-152	0.5	
44	Strategic process optimisation for tribological behaviour of silica gel reinforced aluminium composite material by neuro-grey modelling. <i>International Journal of Process Management and Benchmarking</i> , 2016 , 6, 544	0.3	
43	Designing of a Balanced Opposed Piston Engine. <i>Applied Mechanics and Materials</i> , 2016 , 852, 719-723	0.3	

42	Chemical Machining. <i>Materials Forming, Machining and Tribology</i> , 2018 , 89-104	0.5
41	Generation of Slip Line Fields Incorporating BUE and Shear Zone to Model Machining Using MATLAB. <i>Lecture Notes in Mechanical Engineering</i> , 2020 , 409-419	0.4
40	Integrated Manufacturing System for Complex Geometries 2020 , 321-331	
39	Digital Technology Integration in Different Educational Fields. <i>Advances in Educational Technologies and Instructional Design Book Series</i> , 2020 , 112-131	0.3
38	Selection of Prototyping Process and Part Orientation for Virtually Manufactured Gears 2020 , 353-369	
37	Comparative Study of Mechanical and Tribological Behaviour of Thermoplast-Based Composites. <i>Advances in Chemical and Materials Engineering Book Series</i> , 78-98	0.2
36	Selection of Prototyping Process and Part Orientation for Virtually Manufactured Gears. <i>Advances in Chemical and Materials Engineering Book Series</i> , 2018 , 364-380	0.2
35	Lower Body Orthotic Calipers With Composite Braces. <i>Advances in Mechatronics and Mechanical Engineering</i> , 2018 , 133-151	0.5
34	Design of Impeller Blade of Mixed Flow Pump. <i>Advances in Mechatronics and Mechanical Engineering</i> , 2018 , 37-66	0.5
33	Fabrication of Orthotic Calipers With Epoxy-Based Green Composite. <i>Advances in Chemical and Materials Engineering Book Series</i> , 2018 , 157-176	0.2
32	Fuzzy Logic Approach for Material Selection in Mechanical Engineering Design. <i>Advances in Mechatronics and Mechanical Engineering</i> , 2019 , 99-116	0.5
31	Recycling and Reuse of Building Materials From Construction and Demolition. <i>Advances in Civil and Industrial Engineering Book Series</i> , 2019 , 60-79	0.5
30	Earthquake Resistant Design. <i>Advances in Civil and Industrial Engineering Book Series</i> , 2019 , 201-221	0.5
29	Fuzzy Logic for Machining Applications. <i>Advances in Mechatronics and Mechanical Engineering</i> , 2019 , 341-361	
28	Industries of Future 2019 , 59-71	
27	RETRACTED CHAPTER: Digital Thinking Integrated with Design Thinking. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2020 , 69-74	0.4
26	RETRACTED CHAPTER: Methods and Tools of Design Thinking. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2020 , 39-47	0.4
25	Radial Data Envelopment Analysis Approach to Performance Measurement: Study on Indian Banking System. <i>Management and Industrial Engineering</i> , 2020 , 155-171	0.2

24	RETRACTED CHAPTER: Introduction to Digital Thinking. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2020 , 51-58	0.4
23	RETRACTED CHAPTER: Digital Thinking in Education. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2020 , 59-67	0.4
22	Optimization of Inventory for Optimal Replenishment Policies and Lead-Time with Time Varying Demand. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2016 , 201-221	0.3
21	Sustainable Operation Planning and Optimization in Manufacturing. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2016 , 518-544	0.3
20	Strategic Designing and Optimization of Mixed Flow Impeller Blades for Maritime Applications. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2016 , 470-508	0.3
19	Sustainable Non Traditional Manufacturing Processes. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2016 , 227-271	0.3
18	Process Optimization in Non-Conventional Processes. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2017 , 82-119	0.3
17	Strategic Planning of Cold Supply Chain Towards Good Manufacturing Practices. <i>Advances in Business Information Systems and Analytics Book Series</i> , 2017 , 200-215	0.4
16	Strategic Best-in-Class Performance for Voice to Customer. <i>Advances in Business Information Systems and Analytics Book Series</i> , 2017 , 284-296	0.4
15	Optimization of Process Parameters Using Soft Computing Techniques. <i>Advances in Computational Intelligence and Robotics Book Series</i> , 2017 , 177-220	0.4
14	An Overview of Machine Learning Implementation in Various Industrial Scenarios 2021 , 2-20	
13	Intelligent Control Design Schemes of a Two-Link Robotic Manipulator 2021 , 65-86	
12	Significance Of Slip Line Field Model In Accommodating All Machining Complex Behaviour. <i>Materials Today: Proceedings</i> , 2019 , 18, 2353-2360	1.4
11	CFD Assisted Investigation on Adiabatic Film Cooling Effectiveness over a Flat Plate. <i>Materials Today: Proceedings</i> , 2019 , 18, 3711-3716	1.4
10	Estimation of tribological properties of orthotic calipers fabricated using bamboo reinforced epoxy composite. <i>Materials Today: Proceedings</i> , 2021 , 46, 243-245	1.4
9	Programming for Machining in Electrical Discharge Machine. <i>Advances in Computational Intelligence and Robotics Book Series</i> , 2021 , 55-75	0.4
8	Characterization of Coatings Through Indentation Technique. <i>Materials Forming, Machining and Tribology</i> , 2021 , 139-150	0.5
7	Application of Evolutionary Optimization Techniques Towards Non-Traditional Machining for Performance Enhancement. <i>Advances in Computational Intelligence and Robotics Book Series</i> , 2021 , 181-194	0.4

- 6 Application of Composites in Orthotic Calipers and its Experimental Validations. *Applied Mechanics and Materials*, **2018**, 877, 44-49 0.3
- 5 Design and Analysis of Powered Ankle-Foot Mechanism Using Hydraulic System. *Applied Mechanics and Materials*, **2018**, 877, 384-390 0.3
- 4 Design and Development of Hydraulic System for Rail-Road Breakdown Crane. *Materials Today: Proceedings*, **2018**, 5, 20314-20320 1.4
- 3 Design and Evaluation of Adjustable Calipers Using CAD Tools. *Materials Today: Proceedings*, **2018**, 5, 13658-13663 1.4
- 2 1. Fabrication of functionally graded materials: A review **2018**, 1-20
- 1 Current tools and methodology for a sustainable product life cycle and design **2021**, 3-17