

Kuldeep K Saxena

List of Publications by Year in descending order

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144
papers

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#	ARTICLE	IF	CITATIONS
1	Deformation analysis of Al Alloy AA2024 through equal channel angular pressing for aircraft structures. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 828-842.	0.8	25
2	Influence of Severe Metal Forming Processes on Microstructure and Mechanical Properties of Mg alloys. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 2405-2428.	0.8	12
3	Mechanical behaviour of Aluminium Alloy AA6063 processed through ECAP with optimum die design parameters. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 1901-1915.	0.8	33
4	Numerical Simulation of Cracks in Automotive Coatings Under Mechanical and Thermal Loading Using Element Free Galerkin Method. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 1029-1047.	0.8	3
5	Effect of microstructure, mechanical and wear on Al-CNTs/graphene hybrid MMCs. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 366-379.	0.8	18
6	Microstructure characterisation and mechanical behaviour of AA 6063 T-6 welded joint by friction stir welding. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 478-488.	0.8	3
7	Designing & simulation of a lightweight hip implant stem: an FEM based approach. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 1126-1134.	0.8	8
8	Effect of filler wire preheating and nozzle cooling with advanced submerged arc welding process on bead geometry and microstructure. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 504-518.	0.8	5
9	Effect of post weld heat treatment on mechanical properties of MIG welded mild steel. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 489-503.	0.8	3
10	Multi-response Taguchi grey relational analysis of mechanical properties and weld bead dimensions of dissimilar joint of AA6082 and AA7075. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 1474-1484.	0.8	13
11	Multilayer perceptron modelling of geopolymers incorporating fly ash and GGBS for prediction of compressive strength. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 1441-1455.	0.8	7
12	A novel ultrahigh conductive Al-Cu composite produced via microwave sintering and post-treated by friction stir process. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 575-584.	0.8	7
13	Experimental Investigation of Tool Wear in Machining of SiC Based Al-MMC. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 635-654.	0.8	2
14	Experimental study of the mechanical and durability properties of Slag and Calcined Clay based geopolymers composite. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 655-669.	0.8	11
15	Finite element simulation for predicting temperature and residual stresses distribution developed in dissimilar welds of Monel 400 and AISI 309L. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 1206-1216.	0.8	15
16	Improvement in mechanical properties of structural AZ91 magnesium alloy processed by friction stir processing. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 1543-1556.	0.8	3
17	Development and characterisation of bacteria as a potential application in enduring the mechanical and durability characteristic of cement composite. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 1604-1621.	0.8	2
18	An outlook on the influence on mechanical properties of AZ31 reinforced with graphene nanoparticles using powder metallurgy technique for biomedical application. <i>Materials Today: Proceedings</i> , 2022, 56, 2278-2287.	0.9	23

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19	A review on enhancement of mechanical properties of fiber reinforcement polymer composite under different loading rates. <i>Materials Today: Proceedings</i> , 2022, 56, 2316-2322.	0.9	8
20	Role of additive manufacturing in dental applications using ceramics: A review. <i>Materials Today: Proceedings</i> , 2022, 56, 2359-2364.	0.9	5
21	Equal channel angular processing on aluminium and its alloys – A review. <i>Materials Today: Proceedings</i> , 2022, 56, 2388-2391.	0.9	20
22	Investigation of annealing on CR-2 grade steel using Taguchi and Taguchi based gray relational analysis. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 2231-2246.	0.8	4
23	Effect of chemical and heat treatment on 3D printed parts: nanoparticles embedment approach. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 2277-2288.	0.8	3
24	Understanding tool–workpiece interfacial friction in friction stir welding/processing and its effect on weld formation. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 2156-2172.	0.8	3
25	Recent trends in bio-materials and advances in design of spinal fusion implants. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 2122-2141.	0.8	1
26	Critical review of Mg matrix composite for bio-implants through powder metallurgy. <i>Materials Today: Proceedings</i> , 2022, 57, 902-907.	0.9	4
27	Physical simulation on Joining of 700 MC steel: A HAZ and CCT curve study. <i>Materials Research Express</i> , 2022, 9, 046522.	0.8	2
28	Surface modification of aluminum alloy 6061 by embedding B ₄ C particles via friction stir processing. <i>Materials Research Express</i> , 2022, 9, 056511.	0.8	11
29	Optimization of dry sliding wear behavior of epoxy nanocomposites under different conditions. <i>Materials Research Express</i> , 2022, 9, 065303.	0.8	3
30	Residual stress investigation in the metallic coating approach of micro-sized particles on the substrate: cold spray additive manufacturing. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 4642-4658.	0.8	1
31	Energy-efficient method for developing in-situ Al-Cu metal matrix composites using microwave sintering and friction stir processing. <i>Materials Research Express</i> , 2022, 9, 066507.	0.8	7
32	Design and Analysis of Biomedical Scaffolds Using TPMS-Based Porous Structures Inspired from Additive Manufacturing. <i>Coatings</i> , 2022, 12, 839.	1.2	15
33	Effect of Al ₂ O ₃ Nanoparticles on Performance and Emission Characteristics of Diesel Engine Fuelled with Diesel–Neem Biodiesel Blends. <i>Sustainability</i> , 2022, 14, 7913.	1.6	27
34	Optimization of dry sliding wear behavior of Si ₃ N ₄ and Gr reinforced Al–Zn–Mg–Cu composites using taguchi method. <i>Journal of Materials Research and Technology</i> , 2022, 19, 4793-4803.	2.6	11
35	Effects of Various Pseudomonas Bacteria Concentrations on the Strength and Durability Characteristics of Concrete. <i>Buildings</i> , 2022, 12, 993.	1.4	10
36	Determination of Optimum Machining Parameters for Face Milling Process of Ti6Al4V Metal Matrix Composite. <i>Materials</i> , 2022, 15, 4765.	1.3	39

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37	Manufacturing Techniques for Mg-Based Metal Matrix Composite with Different Reinforcements. Crystals, 2022, 12, 945.	1.0	23
38	Microwave hybrid heating based optimized joining of SS304/SS316. Materials and Manufacturing Processes, 2021, 36, 1554-1560.	2.7	36
39	Influences of Latent Heat on Temperature Field, Weld Bead Dimensions and Melting Efficiency During Welding Simulation. Metals and Materials International, 2021, 27, 2848-2866.	1.8	15
40	Mechanical and durability properties of geopolymer concrete composite at varying superplasticizer dosage. Materials Today: Proceedings, 2021, 44, 12-16.	0.9	56
41	Evaluation of mechanical properties of concrete manufactured with fly ash, bagasse ash and banana fibre. Materials Today: Proceedings, 2021, 44, 17-22.	0.9	36
42	Zr-Nb Alloys and Its Hot Deformation Analysis Approaches. Metals and Materials International, 2021, 27, 2106-2133.	1.8	8
43	Investigation of the mechanical strength of stone dust and ceramic waste based composite. Materials Today: Proceedings, 2021, 44, 29-33.	0.9	10
44	Comparative study on the effect of industrial by-products as a replacement of cement in concrete. Materials Today: Proceedings, 2021, 44, 45-51.	0.9	22
45	A review on pore and porosity in tissue engineering. Materials Today: Proceedings, 2021, 44, 2623-2628.	0.9	43
46	A re-investigation of mechanical properties of aluminium-based surface composites prepared by friction stir processing. Materials Today: Proceedings, 2021, 45, 4550-4557.	0.9	5
47	Investigation on deformation of Inconel alloy 751. Materials Today: Proceedings, 2021, 45, 5377-5380.	0.9	5
48	A re-investigation: Effect of powder metallurgy parameters on the physical and mechanical properties of aluminium matrix composites. Materials Today: Proceedings, 2021, 44, 2188-2193.	0.9	41
49	Effect of Equal-channel angular pressing on mechanical Properties: An overview. Materials Today: Proceedings, 2021, 45, 5602-5607.	0.9	8
50	Flow behaviour kinetics of Inconel 600 superalloy under hot deformation using gleeble 3800. Materials Today: Proceedings, 2021, 45, 5320-5322.	0.9	6
51	A Re-investigation: Effect of various parameter on mechanical properties of copper matrix composite fabricated by powder metallurgy. Materials Today: Proceedings, 2021, 45, 4595-4600.	0.9	8
52	A re-investigation: Effect of TIG welding parameters on microstructure, mechanical, corrosion properties of welded joints. Materials Today: Proceedings, 2021, 45, 4575-4580.	0.9	7
53	Performance evaluation of hybrid polymer nanocomposite. Materials Today: Proceedings, 2021, 44, 1659-1663.	0.9	5
54	An investigation on classification and characterization of bio materials and additive manufacturing techniques for bioimplants. Materials Today: Proceedings, 2021, 44, 2061-2068.	0.9	37

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55	Machining and optimization of Zircaloy-2 using different tool electrodes. <i>Materials and Manufacturing Processes</i> , 2021, 36, 1513-1523.	2.7	15
56	Insight to the evolution of nano precipitates by cryo rolling plus warm rolling and their effect on mechanical properties in Al 6061 alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 811, 141072.	2.6	11
57	Role of Stir Casting in development of Aluminium Metal Matrix Composite (AMC): An Overview. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1116, 012022.	0.3	9
58	Influence of ultrasonic vibration assistance in manufacturing processes: A Review. <i>Materials and Manufacturing Processes</i> , 2021, 36, 1451-1475.	2.7	47
59	Predicting the effect of fiber orientations and boundary conditions on the optimal placement of PZT sensor on the composite structures. <i>Materials Research Express</i> , 2021, 8, 075302.	0.8	39
60	Role of Various Tool Pin Profiles in Friction Stir Welding of AA2024 Alloys. <i>Journal of Materials Engineering and Performance</i> , 2021, 30, 8606-8615.	1.2	11
61	Mechanical and Durability Characteristics Assessment of Geopolymer Composite (GPC) at Varying Silica Fume Content. <i>Journal of Composites Science</i> , 2021, 5, 237.	1.4	24
62	Effect of processing parameters on equal-channel angular pressing of aluminum alloys: An overview. <i>Materials Today: Proceedings</i> , 2021, 45, 5551-5559.	0.9	6
63	Sustainable and smart metal forming manufacturing process. <i>Materials Today: Proceedings</i> , 2021, 44, 2069-2079.	0.9	71
64	Experimental investigation and optimization of RMD TM welding parameters for ASTM A387 grade 11 steel. <i>Materials and Manufacturing Processes</i> , 2021, 36, 1524-1534.	2.7	45
65	Random Forest Modeling for Fly Ash-Calcined Clay Geopolymer Composite Strength Detection. <i>Journal of Composites Science</i> , 2021, 5, 271.	1.4	10
66	Effects on microstructure and mechanical properties of AZ31 reinforced with CNT by powder metallurgy: An overview. <i>Materials Today: Proceedings</i> , 2021, , .	0.9	17
67	Radiological manifestations of thalassaemia. <i>Current Medicine Research and Practice</i> , 2021, 11, 248.	0.1	0
68	High-Temperature Corrosion Performance of FeAl-Based Alloys Containing Carbon in Molten Salt. <i>Metals</i> , 2021, 11, 2040.	1.0	0
69	Application of Hydride Process in Achieving Equimolar TiNbZrHfTa BCC Refractory High Entropy Alloy. <i>Crystals</i> , 2020, 10, 1020.	1.0	6
70	Effect of cryogenic treatment on mechanical properties and microstructure of aluminium 6082 alloy. <i>Materials Today: Proceedings</i> , 2020, 26, 2248-2253.	0.9	15
71	Optimization of surface roughness in EDM of pure magnesium (Mg) using TLBO. <i>Materials Today: Proceedings</i> , 2020, 26, 2458-2461.	0.9	37
72	Electrochemical studies and surface examination of low carbon steel by applying the extract of Terminalia chebula. <i>Materials Today: Proceedings</i> , 2020, 26, 1360-1367.	0.9	1

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73	Metallic implants with properties and latest production techniques: a review. <i>Advances in Materials and Processing Technologies</i> , 2020, 6, 405-440.	0.8	46
74	Role of titanium in bio implants and additive manufacturing: An overview. <i>Materials Today: Proceedings</i> , 2020, 26, 3071-3080.	0.9	47
75	A re-analysis of effect of various process parameters on the mechanical properties of Mg based MMCs fabricated by powder metallurgy technique. <i>Materials Today: Proceedings</i> , 2020, 26, 1953-1959.	0.9	23
76	Effect of niobium addition in grey cast iron: A short review. <i>Materials Today: Proceedings</i> , 2020, 26, 2337-2343.	0.9	15
77	Effect of silicon addition on microstructure and mechanical properties of grey cast Iron: An overview. <i>Materials Today: Proceedings</i> , 2020, 26, 1393-1401.	0.9	11
78	Microstructural evolution and mechanical properties of 316L stainless steel using multiaxial forging. <i>Advances in Materials and Processing Technologies</i> , 2020, 6, 509-518.	0.8	22
79	Modelling and simulation for fabrication of 3D printed polymeric porous tissue scaffolds. <i>Advances in Materials and Processing Technologies</i> , 2020, 6, 530-539.	0.8	18
80	Surface mechano-chemical case carburising treatment (SMCT) of Ni-Cr-Mo steel: a post-annealing and differential scanning calorimetric (DSC) analysis. <i>Advances in Materials and Processing Technologies</i> , 2020, 6, 338-349.	0.8	0
81	Manufacturing techniques for metal matrix composites (MMC): an overview. <i>Advances in Materials and Processing Technologies</i> , 2020, 6, 441-457.	0.8	50
82	Effect of transverse speed on mechanical and microstructural properties of friction stir welded aluminium AA2024-T351. <i>Advances in Materials and Processing Technologies</i> , 2020, 6, 519-529.	0.8	17
83	Development of active ankle foot orthotic device. <i>Materials Today: Proceedings</i> , 2020, 26, 918-921.	0.9	3
84	Effect of heat-treatment on microstructure and mechanical properties of Ti alloys: An overview. <i>Materials Today: Proceedings</i> , 2020, 26, 2546-2557.	0.9	37
85	Influence of S and Mn on mechanical properties and microstructure of grey cast iron: An overview. <i>Materials Today: Proceedings</i> , 2020, 26, 2770-2775.	0.9	12
86	Powder bed fusion process in additive manufacturing: An overview. <i>Materials Today: Proceedings</i> , 2020, 26, 3058-3070.	0.9	112
87	Magnetic abrasive flow finishing: A review. <i>Materials Today: Proceedings</i> , 2020, 26, 3257-3264.	0.9	1
88	Effect of Cu and Mo addition on mechanical properties and microstructure of grey cast iron: An overview. <i>Materials Today: Proceedings</i> , 2020, 26, 2462-2470.	0.9	35
89	Novel Additive Manufacturing Processes and Techniques in Industry 4.0. <i>Advances in Business Information Systems and Analytics Book Series</i> , 2020, , 439-455.	0.3	9
90	Lymphangitic carcinomatosis. <i>Current Medicine Research and Practice</i> , 2019, 9, 120-121.	0.1	0

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91	Evaluation of Mechanical Properties of Orange Peel Reinforced Epoxy Composite. Materials Today: Proceedings, 2019, 18, 3821-3826.	0.9	22
92	Welding Behaviour of Duplex Stainless Steel AISI 2205: A Review. Materials Today: Proceedings, 2019, 18, 2731-2737.	0.9	28
93	Investigation of Thermal Efficiency and Depth of Penetration during GTAW Process. Materials Today: Proceedings, 2019, 18, 2962-2969.	0.9	13
94	Precipitation Behaviour of Microalloyed Steel During Hot Deformation. Materials Today: Proceedings, 2019, 18, 4821-4825.	0.9	6
95	Constitutive Analysis of Zr-1Nb Alloy for Different Phase Regions. Materials Performance and Characterization, 2019, 8, 821-832.	0.2	11
96	Hot deformation behavior of Zr-1Nb alloy in two-phase region – microstructure and mechanical properties. Journal of Alloys and Compounds, 2018, 741, 281-292.	2.8	30
97	Ileal atresia. Current Medicine Research and Practice, 2018, 8, 197-198.	0.1	0
98	Role of activation energies of individual phases in two-phase range on constitutive equation of Zr-2.5Nb-0.5Cu alloy. Transactions of Nonferrous Metals Society of China, 2017, 27, 172-183.	1.7	24
99	A novel approach to understand the deformation behavior in two phase region using processing map. Journal of Alloys and Compounds, 2017, 706, 511-519.	2.8	35
100	Flow behaviour of Ti6Al4V alloy under hot deformation using gleeble 3800. Advances in Materials and Processing Technologies, 2017, 3, 490-510.	0.8	13
101	Peak stress studies of hot compressed Ti6Al4V alloy. Materials Today: Proceedings, 2017, 4, 7365-7374.	0.9	34
102	Processing map-microstructure evolution correlation of hot compressed near alpha titanium alloy (Ti6Al4V). Journal of Alloys and Compounds, 2017, 691, 906-913.	2.8	40
103	Hot deformation behavior of Zr-2.5Nb alloy: A comparative study using different materials models. Journal of Alloys and Compounds, 2016, 662, 94-101.	2.8	38
104	Texture studies of hot compressed near alpha titanium alloy (IMI 834) at 1000°C with different strain rates. IOP Conference Series: Materials Science and Engineering, 2015, 82, 012032.	0.3	6
105	Effect of Temperature and Strain Rate on Deformation Behavior of Zirconium Alloy: Zr-2.5Nb-0.5Cu. , 2014, 6, 188-193.		6
106	Percutaneous transhepatic cholangioplasty: An effective treatment in patients with benign biliary stricture. Current Medicine Research and Practice, 2014, 4, 7-12.	0.1	1
107	Effect of Temperature and Strain Rate on Deformation Behavior of Zirconium Alloy: Zr-2.5Nb. , 2014, 6, 278-283.		26
108	Synthesis and anti-inflammatory activity of newer pyrazolinylbenzidines and isoxazolinylbenzidines. Indian Journal of Pharmaceutical Sciences, 2014, 76, 299-307.	1.0	0

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109	Comparative Molecular Dynamics Simulation Study of Mechanical Properties of Carbon Nanotubes with Number of Stone-Wales and Vacancy Defects. <i>Procedia Engineering</i> , 2012, 38, 2347-2355.	1.2	63
110	Effect of Multiple Stone-Wales and Vacancy Defects on the Mechanical Behavior of Carbon Nanotubes Using Molecular Dynamics. <i>Procedia Engineering</i> , 2012, 38, 3373-3380.	1.2	40
111	Molecular dynamics evaluation of mechanical properties of carbon nanotubes with number of Stone-Wales defects. , 2011, , .		1
112	Topical amiloride solution accelerates healing of mechanical skin ulcers in albino rats. <i>Methods and Findings in Experimental and Clinical Pharmacology</i> , 2000, 22, 671.	0.8	1
113	Effect of pinealectomy on daily rhythm of blood glucose in rabbits. <i>Indian Journal of Experimental Biology</i> , 1991, 29, 278-9.	0.5	1
114	The effect of piperazine adipate and parbendazole on the carbohydrate metabolism of <i>Ascaridia galli</i> and <i>Heterakis gallinae</i> . <i>Angewandte Parasitologie</i> , 1987, 28, 207-10.	0.2	0
115	Comparison of two prognostic indices in acute myocardial infarction. <i>Journal of Postgraduate Medicine</i> , 1985, 31, 196-8.	0.2	0
116	Prognostic value of plasma fibrinogen in myocardial infarction. <i>Journal of Postgraduate Medicine</i> , 1983, 29, 233-5.	0.2	1
117	Plasma fibrinolytic activity and fibrinogen: their relationship in cardiac injury. <i>Journal of Postgraduate Medicine</i> , 1982, 28, 200-5.	0.2	0
118	Modification of glybenclamide hypoglycaemia by phenytoin in rabbits. <i>Indian Journal of Experimental Biology</i> , 1981, 19, 54-6.	0.5	0
119	Prevention of chemically induced myocardial damage & concomitant changes in fibrinolytic system by acetyl salicylic acid in rats. <i>Indian Journal of Experimental Biology</i> , 1980, 18, 410-3.	0.5	0
120	A simple gravimetric method for estimation of plasma fibrinogen. <i>Indian Journal of Physiology and Pharmacology</i> , 1979, 23, 137-9.	0.4	1
121	Garlic in stress induced myocardial damage. <i>Indian Heart Journal</i> , 1979, 31, 187-8.	0.2	3
122	An experimental investigation to correlate changes in plasma fibrinolytic activity with isoprenaline induced myocardial damage. <i>Journal of Postgraduate Medicine</i> , 1979, 25, 147-53.	0.2	0
123	Propranolol and experimental myocardial necrosis. <i>Indian Journal of Physiology and Pharmacology</i> , 1977, 21, 401-2.	0.4	0
124	Acute intermittent porphyria. <i>Journal of the Indian Medical Association</i> , 1972, 58, 47-9.	0.2	0
125	Calculation of Fundamental Mechanical Properties of Single Walled Carbon Nanotube Using Non-Local Elasticity. <i>Advanced Materials Research</i> , 0, 383-390, 3840-3844.	0.3	3
126	Determination of Instability in Zr-2.5Nb-0.5Cu Using Lyapunov Function. <i>Materials Science Forum</i> , 0, 830-831, 329-332.	0.3	6

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127	Hot Deformation Behaviour and Microstructural Evaluation of Zr-1Nb Alloy. Materials Science Forum, 0, 890, 319-322.	0.3	20
128	Experimental investigation on temperature profiles and residual stresses in GTAW dissimilar weldments of AA5052 and AA7075. Advances in Materials and Processing Technologies, 0, , 1-14.	0.8	9
129	A novel hybrid soft computing model using stacking with ensemble method for estimation of compressive strength of geopolymer composite. Advances in Materials and Processing Technologies, 0, , 1-16.	0.8	1
130	Design and Comprehensive Study of Biodegradable Zinc-based Implants for Bio-medical Applications. Advances in Materials and Processing Technologies, 0, , 1-18.	0.8	5
131	Mechanical Characterisation and Study of Nickel Based super alloy 718 at Subzero Temperatures. Advances in Materials and Processing Technologies, 0, , 1-15.	0.8	0
132	Influence of ECAP processing temperature and number of passes on hardness and microstructure of Al-6063. Advances in Materials and Processing Technologies, 0, , 1-12.	0.8	9
133	Effect of die geometry on thermal fatigue analysis of aluminium alloy (A02240) dies of low melting point alloys casting using pressure die casting process. Advances in Materials and Processing Technologies, 0, , 1-13.	0.8	1
134	Thermal fatigue analysis of Saffil reinforced aluminium alloys using pressure die casting process. Advances in Materials and Processing Technologies, 0, , 1-13.	0.8	1
135	Optical, morphological, electrical properties and white light photoresponse of CdSe nanoparticles. Advances in Materials and Processing Technologies, 0, , 1-10.	0.8	3
136	Hydrophobic properties and chemical state analysis of wear resistant coating prepared by electrical discharge process. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 0, , 095440892210992.	1.4	4
137	Influence of processing and microstructure on the corrosion behavior of ultrafine grained Al 5083 alloy. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 0, , 095440892211013.	1.4	0
138	Design and analysis of crack-tip fields in plastically compressible hardening solids under cyclic loading. International Journal on Interactive Design and Manufacturing, 0, , .	1.3	1
139	Effects of nano filler powder during microwave-based joining of SS304 butt joints. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 0, , 095440892211079.	1.4	4
140	Micro Forming and its Applications: An Overview. Key Engineering Materials, 0, 924, 73-91.	0.4	18
141	Critical Review on 3D Scaffolds Materials. Materials Science Forum, 0, 1065, 129-143.	0.3	2
142	Design, modeling and parametric optimization of WEDM of Inconel 690 using RSM-GRA approach. International Journal on Interactive Design and Manufacturing, 0, , .	1.3	14
143	Low elastic modulus and highly porous triply periodic minimal surfaces architected implant for orthopedic applications. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 0, , 095440892211112.	1.4	5
144	Quantification of the accuracy of additive manufactured (3D printed) medical models. International Journal on Interactive Design and Manufacturing, 0, , .	1.3	5