

S Sulaiman

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143
papers

1,262
citations

17
h-index

31
g-index

154
ext. papers

1,432
ext. citations

1.5
avg, IF

4.34
L-index

#	Paper	IF	Citations
143	The use of Taguchi method in the design of plastic injection mould for reducing warpage. <i>Journal of Materials Processing Technology</i> , 2007 , 182, 418-426	5.3	148
142	Quasi-static axial and lateral crushing of radial corrugated composite tubes. <i>Thin-Walled Structures</i> , 2008 , 46, 320-332	4.7	97
141	Numerical simulation of casting solidification in permanent metallic molds. <i>Journal of Materials Processing Technology</i> , 2006 , 178, 29-33	5.3	78
140	Shrinkages and warpage in the processability of wood-filled polypropylene composite thin-walled parts formed by injection molding. <i>Materials & Design</i> , 2013 , 52, 1018-1026		64
139	Fabrication of fiber reinforced metal matrix composites by squeeze casting technology. <i>Journal of Materials Processing Technology</i> , 2006 , 178, 34-38	5.3	64
138	Design and thermal analysis of plastic injection mould. <i>Journal of Materials Processing Technology</i> , 2006 , 171, 259-267	5.3	59
137	An experimental study for optimization of electrical discharge turning (EDT) process. <i>Journal of Materials Processing Technology</i> , 2008 , 204, 350-356	5.3	46
136	Mechanical properties of the as-cast quartz particulate reinforced LM6 alloy matrix composites. <i>Journal of Materials Processing Technology</i> , 2008 , 201, 731-735	5.3	39
135	Integration of phytogreen for heavy metal removal from wastewater. <i>Journal of Cleaner Production</i> , 2016 , 112, 3124-3131	10.3	36
134	Effect of geometry on the crushing behaviour of laminated corrugated composite tubes. <i>Journal of Materials Processing Technology</i> , 2006 , 172, 394-399	5.3	35
133	An investigation of the processability of natural fibre reinforced polymer composites on shallow and flat thin-walled parts by injection moulding process. <i>Materials & Design</i> , 2013 , 50, 451-456		28
132	Foundry quality control aspects and prospects to reduce scrap rework and rejection in metal casting manufacturing industries. <i>Journal of Materials Processing Technology</i> , 2006 , 178, 39-43	5.3	27
131	Mould flow and component design analysis of polymeric based composite automotive clutch pedals. <i>Journal of Materials Processing Technology</i> , 2006 , 171, 358-365	5.3	24
130	Effect of Modifier on Mechanical Properties of Aluminium Silicon Carbide (Al-SiC) Composites. <i>Procedia Engineering</i> , 2017 , 184, 773-777		21
129	Grain refinement of LM6 AlSi alloy sand castings to enhance mechanical properties. <i>Journal of Materials Processing Technology</i> , 2005 , 162-163, 435-441	5.3	19
128	Numerical simulation analysis of the in-cavity residual stress distribution of lignocellulosic (wood) polymer composites used in shallow thin-walled parts formed by the injection moulding process. <i>Materials & Design</i> , 2014 , 55, 381-386		18
127	Advanced TEM specimen preparation methods for replication of P91 steel. <i>Materials Characterization</i> , 2006 , 56, 49-58	3.9	18

126	Finite element analysis on the effect of workpiece geometry on the quenching of ST50 steel. <i>Journal of Materials Processing Technology</i> , 2001 , 119, 354-360	5.3	17
125	Development of a CAD/CAM system for the closed-die forging process. <i>Journal of Materials Processing Technology</i> , 2003 , 138, 436-442	5.3	16
124	Multi-Objective Optimization of Friction Stir Welding Process Parameters of AA6061-T6 and AA7075-T6 Using a Biogeography Based Optimization Algorithm. <i>Materials</i> , 2017 , 10,	3.5	15
123	Finite element analysis of filament-wound composite pressure vessel under internal pressure. <i>IOP Conference Series: Materials Science and Engineering</i> , 2013 , 50, 012061	0.4	14
122	Numerical simulation on friction drilling of aluminum alloy. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2017 , 48, 241-248	0.9	13
121	Optimization and numerical simulation analysis for molded thin-walled parts fabricated using wood-filled polypropylene composites via plastic injection molding. <i>Polymer Engineering and Science</i> , 2015 , 55, 1082-1095	2.3	13
120	Modelling and experimental investigation of solidification process in sand casting. <i>Journal of Materials Processing Technology</i> , 2004 , 155-156, 1723-1726	5.3	13
119	Recent developments of kenaf fibre reinforced thermoset composites: review. <i>Materials Research Innovations</i> , 2013 , 17, s2-s11	1.9	12
118	Increasing competitiveness through advanced manufacturing technologies. <i>International Journal of Manufacturing Technology and Management</i> , 2003 , 5, 371	0.4	12
117	Characterization of mechanical properties of Al-6063 deformed by ECAE. <i>International Journal of Advanced Manufacturing Technology</i> , 2016 , 84, 663-672	3.2	11
116	Physical Properties of Novel Kenaf Short Fiber Reinforced Bulk Molding Compounds (BMC) For Compression Moulding. <i>Materials Today: Proceedings</i> , 2018 , 5, 1226-1232	1.4	11
115	Customer Knowledge Management Application in Malaysian Mobile Service Providers. <i>Procedia Engineering</i> , 2011 , 15, 3891-3895		11
114	Modeling of the thermal history of the sand casting process. <i>Journal of Materials Processing Technology</i> , 2001 , 113, 245-250	5.3	11
113	Effect of Cutting Parameters on Cutting Temperature of TiAl6V4 Alloy. <i>Applied Mechanics and Materials</i> , 2013 , 392, 68-72	0.3	10
112	A tabu search approach for mixed-model parallel assembly line balancing problem (type II). <i>International Journal of Industrial and Systems Engineering</i> , 2011 , 8, 407	0.4	10
111	Effect of Cutting Parameters on Tool-Chip Interface Temperature in an Orthogonal Turning Process. <i>Advanced Materials Research</i> , 2014 , 903, 21-26	0.5	9
110	Effect of equal channel angular extrusion on Al-6063 bending fatigue characteristics. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2015 , 22, 395-404	3.1	8
109	A study of the comparison of \square ' and \square ' ribbing in a composite pedal using mold flow analysis software. <i>Materials & Design</i> , 2005 , 26, 157-166		8

108	Simulation of metal filling progress during the casting process. <i>Journal of Materials Processing Technology</i> , 2000 , 100, 224-229	5.3	8
107	Microstructural, thermal, electrical, and magnetic properties of optimized Fe ₃ O ₄ /SiC hybrid nano filler reinforced aluminium matrix composite. <i>Materials Chemistry and Physics</i> , 2021 , 258, 123895	4.4	8
106	Flow analysis along the runner and gating system of a casting process. <i>Journal of Materials Processing Technology</i> , 1997 , 63, 690-695	5.3	7
105	Metal Matrix Composite Products by Vibration Casting Method 2016 ,		6
104	Integrated TRIZ-AHP Support System for Conceptual Design. <i>Applied Mechanics and Materials</i> , 2014 , 548-549, 1998-2002	0.3	6
103	Optimum Speed of Friction Stir Welding on 304L Stainless Steel by Finite Element Method 2014 , 227-236		6
102	Studies on Tensile Properties of Titanium Carbide (TiC) Particulates Composites. <i>Advanced Materials Research</i> , 2014 , 903, 151-156	0.5	6
101	A New Concurrent Engineering [Multi Criteria Decision Making Technique for Conceptual Design Selection. <i>Applied Mechanics and Materials</i> , 2012 , 225, 293-298	0.3	6
100	Influence of Cutting Parameters on Surface Roughness for Wet and Dry Turning Process. <i>Key Engineering Materials</i> , 2011 , 471-472, 233-238	0.4	6
99	Solidification Analysis in Permanent Mould Casting of Aluminium Alloy LM6 Reinforced Titanium Carbide Particulates Metal Matrix Composites. <i>Materials Science Forum</i> , 2017 , 889, 148-151	0.4	5
98	Experimental and numerical study of high strain rate property of pure copper processed by ECAE method. <i>Advances in Materials and Processing Technologies</i> , 2019 , 5, 386-393	0.8	5
97	Mechanical properties of novel kenaf short fiber reinforced bulk molding compounds (BMC). <i>Advances in Materials and Processing Technologies</i> , 2015 , 1, 49-55	0.8	5
96	Evaluation of Combined Treatments of Natural Fibers: Kenaf, Abaca and Oil Palm Fibers Using Micromechanical and SEM Methods. <i>Advanced Materials Research</i> , 2014 , 912-914, 1932-1939	0.5	5
95	Finite Element Modelling of the effect of tool rake angle on tool temperature and cutting force during high speed machining of AISI 4340 steel. <i>IOP Conference Series: Materials Science and Engineering</i> , 2013 , 50, 012040	0.4	5
94	ANALYSIS OF A METAL MATRIX COMPOSITES AUTOMOTIVE COMPONENT. <i>International Journal of Automotive and Mechanical Engineering</i> , 2015 , 11, 2531-2540	1.4	5
93	Mechanical and Microstructure Characterization of Aluminium-Copper (Al-Cu) Reinforced with In Situ Titanium Diboride (TiB ₂). <i>Key Engineering Materials</i> , 2016 , 673, 117-125	0.4	4
92	Determining Optimum Electro Discharge Machining Parameters for Drilling of a Small Hole by Utilizing Taguchi Method. <i>Applied Mechanics and Materials</i> , 2014 , 564, 481-487	0.3	4
91	Temperature Distribution of Micro Milling Process due to Uncut Chip Thickness. <i>Advanced Materials Research</i> , 2014 , 939, 214-221	0.5	4

90	Design and development of an Integrated Slasher (Pulverizer) for Sweet Potato Harvester: A Review. <i>IOP Conference Series: Materials Science and Engineering</i> , 2012 , 36, 012007	0.4	4
89	Improvement of Tops Spinning Manufacturing with CNC Lathe. <i>Procedia Engineering</i> , 2011 , 15, 3886-3890		4
88	The design process of a self-propelled floor crane. <i>Journal of Terramechanics</i> , 2011 , 48, 157-168	2.2	4
87	Mechanical Vibration Technique for Enhancing Mechanical Properties of Particulate Reinforced Aluminium Alloy Matrix Composite. <i>Key Engineering Materials</i> , 2011 , 471-472, 721-726	0.4	4
86	Effect of Mould Vibration on Mechanical Properties of Particulate Reinforced Aluminium Alloy Matrix Composite. <i>Advanced Materials Research</i> , 2012 , 445, 475-480	0.5	4
85	Testing for Green Compression Strength and Permeability Properties on the Tailing Sand Samples Gathered from Ex Tin Mines in Perak State, Malaysia. <i>Advanced Materials Research</i> , 2012 , 445, 859-864	0.5	4
84	Experimental investigation for metal-filling system of pressure diecasting process on a cold chamber machine. <i>Journal of Materials Processing Technology</i> , 2001 , 119, 268-272	5.3	4
83	A Network Technique for Metal Flow Analysis in the Filling System of Pressure Diecasting and its Experimental Verification on a Cold Chamber Machine. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 1992 , 206, 261-275	2.4	4
82	Improvements in the microstructure and fatigue behavior of pure copper using equal channel angular extrusion. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2014 , 21, 569-576	3.1	3
81	Effects of PVA-PEG Binders System on Microstructure and Properties of Sintered Alumina. <i>Applied Mechanics and Materials</i> , 2014 , 564, 355-360	0.3	3
80	Springback Behaviour in Sheet Metal Forming for Automotive Door. <i>AASRI Procedia</i> , 2012 , 3, 224-229		3
79	Generic Framework for Conceptual Design Using Concurrent Engineering Strategy. A Case Study: Advanced Material Application Product Development of Metal Matrix Composite Component. <i>Advanced Materials Research</i> , 2012 , 626, 99-108	0.5	3
78	Effects of Cutting Speeds and Moisture Content on Grass Chopping (Pulverizing). <i>Advanced Science Letters</i> , 2013 , 19, 2533-2535	0.1	3
77	Development of an Educational Robotic Training Kit. <i>Advanced Science Letters</i> , 2013 , 19, 3304-3306	0.1	3
76	Knowledge Management for Maintenance Activities in the Manufacturing Sector. <i>International Journal of Automotive and Mechanical Engineering</i> , 2012 , 5, 612-621	1.4	3
75	Effect of mould vibration on the mechanical properties of aluminium alloy castings. <i>Advances in Materials and Processing Technologies</i> , 2018 , 4, 335-343	0.8	2
74	Finite element and metallurgical study of properties of deformed pure copper by ECAE at various strain rates. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2014 , 228, 1461-1473	1.3	2
73	Thermal Expansion Model for Cast Aluminium Silicon Carbide. <i>Procedia Engineering</i> , 2013 , 68, 392-398		2

72	Wear Properties of Metal Matrix Composite Al-Cu and Al-Cu-TiB ₂ . <i>Materials Science Forum</i> , 2015 , 819, 268-273	0.4	2
71	Numerical Simulation Analysis of Unfilled and Filled Reinforced Polypropylene on Thin-Walled Parts Formed Using the Injection-Moulding Process. <i>International Journal of Polymer Science</i> , 2015 , 2015, 1-8	2.4	2
70	Effects of Rotary Mower Blade Cutting Angles on the Pulverization of Sweet Potato Vine. <i>Agriculture and Agricultural Science Procedia</i> , 2014 , 2, 95-101		2
69	Stress analysis of forward aluminium extrusion process using finite element method. <i>Materials Research Innovations</i> , 2014 , 18, S2-611-S2-615	1.9	2
68	Effect of TiC Particulates on the Microstructure and Mechanical Properties of Aluminium-Based Metal Matrix Composite. <i>Advanced Materials Research</i> , 2014 , 903, 145-150	0.5	2
67	Investigation of Plastic Injecting Moulding Process Optimization in Complex Shape Product. <i>Applied Mechanics and Materials</i> , 2014 , 695, 260-264	0.3	2
66	Mechanical Properties of Tin Tailing Sand-Clay Mixture from Batu Gajah, Perak, Malaysia for Making Greensand Casting Mould. <i>Materials Science Forum</i> , 2013 , 773-774, 211-217	0.4	2
65	Optimization of Axial Rake Angle for Face Milling Using Taguchi Method and Finite Element Analysis. <i>Applied Mechanics and Materials</i> , 2013 , 465-466, 746-750	0.3	2
64	Thermal Investigation of Aluminium \square 1.8% Silicon (LM6) Reinforced SiO ₂ -Particles. <i>Advanced Materials Research</i> , 2011 , 264-265, 620-625	0.5	2
63	Design and Simulation on Compressor Metal Matrix Composite by Investment Casting. <i>Advanced Materials Research</i> , 2011 , 264-265, 403-408	0.5	2
62	Design and Simulation on Investment Casting Mold for Metal Matrix Composite Material. <i>Applied Mechanics and Materials</i> , 2011 , 66-68, 1676-1681	0.3	2
61	Influence of Mechanical Vibration Moulding Process on the Tensile Properties of TiC Reinforced LM6 Alloy Composite Castings. <i>Applied Mechanics and Materials</i> , 2011 , 66-68, 1207-1212	0.3	2
60	Effect of Quartz-Silicon Dioxide Particulate on Tensile Properties of Aluminium Alloy Cast Composites. <i>Key Engineering Materials</i> , 2011 , 471-472, 727-732	0.4	2
59	Computer Simulation and Experimental Investigation of Solidification Casting Process. <i>Key Engineering Materials</i> , 2011 , 471-472, 601-605	0.4	2
58	Effects of Feeding Angles and Cutting Speeds of a Mower Knife with Serrated Edges on the Pulverization of Sweet Potato Vines. <i>Advanced Materials Research</i> , 2012 , 626, 260-264	0.5	2
57	Rule-based feature extraction and recognition from STEP file		2
56	Fast upsetting of circular cylinders of aluminium metal matrix composites: Experimental results and numerical analysis. <i>Journal of Materials Processing Technology</i> , 1996 , 60, 723-727	5.3	2
55	Microstructural, Tribology and Corrosion Properties of Optimized FeO-SiC Reinforced Aluminum Matrix Hybrid Nano Filler Composite Fabricated through Powder Metallurgy Method. <i>Materials</i> , 2020 , 13,	3.5	2

54	Processability of Wood Fibre-Filled Thermoplastic Composite Thin-Walled Parts Using Injection Moulding 2015 , 351-367		1
53	Corrosion characterization of in-situ titanium diboride (TiB ₂) reinforced aluminium-copper (Al-Cu) alloy by two methods: Salts spray fog and linear polarization resistance (LPR) 2018 ,		1
52	Effect of Machining Process on Surface Microhardness of Titanium Carbide Reinforced Aluminium LM6 Composite. <i>Applied Mechanics and Materials</i> , 2014 , 564, 495-500	0.3	1
51	Process parameters for cylindrical deep drawing components. <i>Advances in Materials and Processing Technologies</i> , 2015 , 1, 542-548	0.8	1
50	Finite Element Modeling of the Effect of Tool Rake Angle on Cutting Force and Tool Temperature during High Speed Machining of AISI 1045 Steel. <i>Advanced Materials Research</i> , 2014 , 939, 194-200	0.5	1
49	Finite Element Study of Deformation Behaviour of Al-6063 Alloy Developed by Equal Channel Angular Extrusion. <i>Advanced Materials Research</i> , 2014 , 1043, 119-123	0.5	1
48	Experimental Study of Impact Strength of Al-6063 Alloy Processed by Equal Channel Angular Extrusion. <i>Advanced Materials Research</i> , 2014 , 911, 158-162	0.5	1
47	Development of Microstructure and Fracture Toughness of AL-6063 Alloy Using Equal Channel Angular Extrusion. <i>Applied Mechanics and Materials</i> , 2014 , 564, 488-494	0.3	1
46	Direct Investment Casting Numerical Study for ABS P400 FDM Materials. <i>Applied Mechanics and Materials</i> , 2014 , 660, 99-103	0.3	1
45	Microhardness Characteristics of Al-6063 Alloy Processed by Equal Channel Angular Extrusion. <i>Applied Mechanics and Materials</i> , 2014 , 564, 513-518	0.3	1
44	Managing Uncertainty in Supply Chain Management of Vessel Chartering in Oil & Gas Industry. <i>Applied Mechanics and Materials</i> , 2014 , 564, 694-699	0.3	1
43	Effects of Pulse Duration and Current on EDM Process of Allegheny Ludlum D2 Tool Steel. <i>Applied Mechanics and Materials</i> , 2013 , 315, 369-373	0.3	1
42	Effects of Knife Shapes and Cutting Speeds of a Mower on the Percentage Pulverization of Sweet Potato Vine. <i>Applied Mechanics and Materials</i> , 2013 , 421, 29-33	0.3	1
41	Effects of Knife Shapes and Cutting Speeds of a Mower on the Power Consumption for Pulverizing Sweet Potato Vine. <i>Key Engineering Materials</i> , 2013 , 594-595, 1126-1130	0.4	1
40	New Technique for Conceptual Selection of Manufacturing Process and Material, Case Study: Metal Matrix Composite Component. <i>Advanced Materials Research</i> , 2013 , 789, 82-86	0.5	1
39	Experimental Investigation on Surface Roughness and Tool Wear in Dry Machining of TiC Reinforced Aluminium LM6 Composite. <i>Materials Science Forum</i> , 2013 , 773-774, 339-347	0.4	1
38	Failure Analysis of Aluminum Reinforced Composite Vessel. <i>Applied Mechanics and Materials</i> , 2013 , 392, 178-182	0.3	1
37	Coating Performance in High Speed Micro Machining of H13 Tool Steel. <i>Advanced Materials Research</i> , 2009 , 83-86, 985-992	0.5	1

36	Design and Simulation on Cast Metal Matrix Composite by Investment Casting. <i>Advanced Materials Research</i> , 2011 , 264-265, 323-328	0.5	1
35	Effect of Moisture Content on the Permeability of Tailing Sand Samples Gathered from Ex Tin Mines in Perak State Malaysia. <i>Applied Mechanics and Materials</i> , 2011 , 66-68, 1384-1389	0.3	1
34	The Influence of Mechanical Vibration Moulding Process on Thermal Conductivity and Diffusivity of Al-TiC Particulate Reinforced Composites. <i>Advanced Materials Research</i> , 2011 , 311-313, 3-8	0.5	1
33	Optimization of Cutting Parameters on Turning Process Based on Surface Roughness Using Response Surface Methodology. <i>Applied Mechanics and Materials</i> , 2011 , 117-119, 1561-1565	0.3	1
32	Particular model for improving failure mode and effect analysis (FMEA) by using of overall equipment efficiency (OEE) 2008 ,		1
31	Infrared tomography: data distribution system and software development for real-time velocity measurement. <i>ISA Transactions</i> , 2007 , 46, 131-45	5.5	1
30	Effect of composite material distribution and shape on energy absorption systems. <i>Advances in Materials and Processing Technologies</i> , 2020 , 1-10	0.8	1
29	Man-Made Lake of Taman Pertanian, Kuantan: The Valuation of Water Quality and Nutrient Removal by Using Hydrilla Verticillata Sp. and Myriophyllum Aquaticum Sp. as Submerged Plant Species. <i>Materials Today: Proceedings</i> , 2019 , 19, 1552-1561	1.4	1
28	Characterisation of elemental analysis, carbon sulphur analysis and impact test of stent manufacturing using medical grade ASTM F75 cobalt chromium (CoCrMo) by selective laser melting (SLM) technology. <i>Advances in Materials and Processing Technologies</i> , 2021 , 7, 200-215	0.8	1
27	Development of integrated supply chain system in manufacturing industry. <i>Journal of Computational Methods in Sciences and Engineering</i> , 2021 , 21, 599-611	0.3	1
26	Effect on the Mechanical Properties of Ship Propeller with Vibration Mold Castings. <i>Advanced Science Letters</i> , 2017 , 23, 4378-4382	0.1	0
25	Metal Matrix Composites for Automotive Components in Depth Case Study: Development of Automotive Brake Disc 2018 , 540-556		0
24	Virtual reality application with nano-display improves training of pipeline installation in oil and gas industry. <i>Materials Express</i> , 2021 , 11, 2024-2032	1.3	0
23	Finite Element Analysis of Aluminum-Kevlar/Epoxy Pressure Vessel. <i>Advanced Materials Research</i> , 2014 , 903, 27-32	0.5	
22	Casting quality model for casted aluminium silicon carbide based on non-linear thermal expansion. <i>International Journal of Materials and Product Technology</i> , 2014 , 48, 217	1	
21	Pulverization of sweet potato vine at different mower speeds. <i>IOP Conference Series: Materials Science and Engineering</i> , 2013 , 50, 012022	0.4	
20	Modelling and Simulation of Hollow Profile Aluminum Extruded Product. <i>Applied Mechanics and Materials</i> , 2015 , 761, 17-21	0.3	
19	Analysis of failure in manufacturing machinery. <i>IOP Conference Series: Materials Science and Engineering</i> , 2013 , 50, 012057	0.4	

18	Investigation on Microstructure and Mechanical Properties of Squeeze Cast Al-Si Alloys by Numerical Simulation. <i>Advanced Materials Research</i> , 2014 , 1043, 31-35	0.5
17	The Impact of Information Technology Investment on Supply Chain Capabilities: A Review. <i>Applied Mechanics and Materials</i> , 2014 , 564, 723-726	0.3
16	Problems Evaluation for TRIZ Method Using AHP: Case Study on Car Dashboard Improvement Design Concepts. <i>Applied Mechanics and Materials</i> , 2014 , 564, 89-93	0.3
15	Modeling and Simulation of Forward Al Extrusion Process Using FEM. <i>Applied Mechanics and Materials</i> , 2014 , 564, 525-532	0.3
14	Numerical Simulation on Moulded Thin-Walled Parts via Injection Moulding Process. <i>Applied Mechanics and Materials</i> , 2014 , 575, 73-77	0.3
13	Finite Element Analysis of Sheet Metal Formability Effect on Automotive Part. <i>Applied Mechanics and Materials</i> , 2014 , 660, 788-793	0.3
12	Influence of Pattern Coating Thickness on Porosity and Mechanical Properties of Lost Foam Casting of Al-Si (LM6) Alloy. <i>Applied Mechanics and Materials</i> , 2013 , 300-301, 1281-1284	0.3
11	Effect of Boric Acid Mixture as Solid Lubricant towards Machining Processes. <i>Advanced Materials Research</i> , 2013 , 651, 372-377	0.5
10	Finite Element Modeling and Simulation of Machining of Titanium Alloy and H13 Tool Steel Using PCBN Tool. <i>Applied Mechanics and Materials</i> , 2013 , 392, 36-40	0.3
9	Surface Quality and Chip Formation in Turning of LM6 Aluminium Alloy and Particulate Reinforced Metal Matrix Composite. <i>Materials Science Forum</i> , 2013 , 773-774, 894-901	0.4
8	Thermal Parameter Affects on the Part Built Using 3D Printer Projet SD 3000. <i>Materials Science Forum</i> , 2013 , 773-774, 833-841	0.4
7	The Influence of Mechanical Mold Vibration on Temperature Distribution and Physical Properties of Al-11.8%Si Matrix Composites. <i>Materials Science Forum</i> , 2013 , 773-774, 195-202	0.4
6	Optimization of Parameter for HSS Tool Wear by Using Taguchi Method and Finite Element Method. <i>Applied Mechanics and Materials</i> , 2013 , 315, 151-155	0.3
5	Metal Matrix Composites: Solidification Parameters of Aluminium-11.8% Silicon Alloy Reinforced with Titanium Carbide Particulates. <i>Key Engineering Materials</i> , 2011 , 471-472, 1081-1084	0.4
4	Simulation of Thermoset Injection for Bulk Moulding Compounds (BMC). <i>Key Engineering Materials</i> , 2011 , 471-472, 1101-1106	0.4
3	Design, development and performance of a disk plow combined with rotary blades. <i>IOP Conference Series: Materials Science and Engineering</i> , 2012 , 36, 012003	0.4
2	Studying parameters affecting the thinning rate during heat-assisted incremental sheet forming of the lightweight material. <i>Advances in Materials and Processing Technologies</i> , 2020 , 1-14	0.8
1	Application of Nonlinear Thermal Expansion Model for Casted Aluminium Silicon Carbide 2016 ,	

