

Abu Bakar Sulong

List of Publications by Year in descending order

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3863
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrospun carboxylâ€functionalised multiâ€walled carbon nanotube/poly(vinyl alcohol) asymmetric pervaporation membrane: Application and modeling. Journal of Applied Polymer Science, 2022, 139, 51953.	1.3	1
2	Improvement of the Electrical-Mechanical Performance of Epoxy/Graphite Composites Based on the Effects of Particle Size and Curing Conditions. Polymers, 2022, 14, 502.	2.0	7
3	Recent Advances on Bacterial Cellulose-Based Wound Management: Promises and Challenges. International Journal of Polymer Science, 2022, 2022, 1-24.	1.2	12
4	Sintering Behavior of Bi-Material Micro-Component of 17-4PH Stainless Steel and Yttria-Stabilized Zirconia Produced by Two-Component Micro-Powder Injection Molding Process. Materials, 2022, 15, 2059.	1.3	4
5	Characterization of titanium ceramic composite for bone implants applications. Ceramics International, 2022, 48, 22808-22819.	2.3	16
6	Process Parameters Used in Macro/Micro Powder Injection Molding: An Overview. Metals and Materials International, 2021, 27, 2023-2045.	1.8	16
7	Kenaf reinforced polypropylene composites: A numerical simulation. AIP Conference Proceedings, 2021, , .	0.3	0
8	Prospect of Metal Ceramic (Titanium-Wollastonite) Composite as Permanent Bone Implants: A Narrative Review. Materials, 2021, 14, 277.	1.3	10
9	Presintered Titanium-Hydroxyapatite Composite Fabricated via PIM Route. Metals, 2021, 11, 318.	1.0	4
10	Rheological properties of irregular-shaped titanium-hydroxyapatite bimodal powder composite moulded by powder injection moulding. Journal of Materials Research and Technology, 2021, 11, 2255-2264.	2.6	10
11	Application of sodium chloride as space holder for powder injection molding of alloy Titaniumâ€™Hydroxyapatite composites. Journal of Materials Research and Technology, 2021, 12, 478-486.	2.6	5
12	The Effect of Alkali Treatment on Physical, Mechanical and Thermal Properties of Kenaf Fiber and Polymer Epoxy Composites. Polymers, 2021, 13, 2005.	2.0	31
13	Feedstock properties and debinding mechanism of yttria-stabilized zirconia/ stainless steel 17-4PH micro-components fabricated via two-component micro-powder injection molding process. Ceramics International, 2021, 47, 20476-20485.	2.3	9
14	Parameter Optimization of Sintering Ti-6Al-7Nb Powder for the Minimum Shrinkage and the Highest Surface Roughness Using Taguchi Method. Lecture Notes in Mechanical Engineering, 2021, , 1025-1034.	0.3	0
15	Recent advances on biofunctionalization of metallic substrate using ceramic coating: How far are we from clinically stable implant?. Journal of the Taiwan Institute of Chemical Engineers, 2021, 118, 254-270.	2.7	18
16	Layup sequence and interfacial bonding of additively manufactured polymeric composite: A brief review. Nanotechnology Reviews, 2021, 10, 1853-1872.	2.6	8
17	New processing technique for biodegradable kenaf composites: A simple alternative to commercial automotive parts. Composites Part B: Engineering, 2020, 184, 107644.	5.9	25
18	Effects of High-Temperature Exposure on the Mechanical Properties of Kenaf Composites. Polymers, 2020, 12, 1643.	2.0	14

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19	Influence of Multiwalled Carbon Nanotubes on the Rheological Behavior and Physical Properties of Kenaf Fiber-Reinforced Polypropylene Composites. <i>Polymers</i> , 2020, 12, 2083.	2.0	6
20	Bi-Material Micro-Part of Stainless Steel and Zirconia by Two-Component Micro-Powder Injection Molding: Rheological Properties and Solvent Debinding Behavior. <i>Metals</i> , 2020, 10, 595.	1.0	9
21	Fabrication of Porous Recycled HDPE Biocomposites Foam: Effect of Rice Husk Filler Contents and Surface Treatments on the Mechanical Properties. <i>Polymers</i> , 2020, 12, 475.	2.0	18
22	Kenaf Composites for Automotive Components: Enhancement in Machinability and Moldability. <i>Polymers</i> , 2019, 11, 1707.	2.0	22
23	Electrical Conductivity Performance of Predicted Modified Fibre Contact Model for Multi-Filler Polymer Composite. <i>Polymers</i> , 2019, 11, 1425.	2.0	8
24	Processing of Stainless Steel (SS316L)-Hydroxyapatite (HA) Powder Composite through Powder Injection Molding. <i>Journal of Physics: Conference Series</i> , 2019, 1198, 042017.	0.3	0
25	Optimisation of mechanical stir casting parameters for fabrication of carbon nanotubes/aluminium alloy composite through Taguchi method. <i>Journal of Materials Research and Technology</i> , 2019, 8, 2223-2231.	2.6	66
26	Effect of sintering on the microstructure and mechanical properties of alloy titanium-wollastonite composite fabricated by powder injection moulding process. <i>Ceramics International</i> , 2019, 45, 11648-11653.	2.3	18
27	In Situ Controlled Surface Microstructure of 3D Printed Ti Alloy to Promote Its Osteointegration. <i>Materials</i> , 2019, 12, 815.	1.3	14
28	Rheological properties of titanium-hydroxyapatite with powder space holder composite feedstock for powder injection moulding. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 102, 2591-2599.	1.5	7
29	Fibre orientation effect on polypropylene/milled carbon fiber composites in the presence of carbon nanotubes or graphene as a secondary filler: Application on PEM fuel cell bipolar plate. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 30618-30626.	3.8	29
30	Effects of thermal cycling on physical and tensile properties of injection moulded kenaf/carbon nanotubes/polypropylene hybrid composites. <i>Composites Part B: Engineering</i> , 2019, 168, 159-165.	5.9	24
31	Incorporation of wollastonite bioactive ceramic with titanium for medical applications: An overview. <i>Materials Science and Engineering C</i> , 2019, 97, 884-895.	3.8	33
32	Fabrication of multi-filler MCF/MWCNT/SG-based bipolar plates. <i>Ceramics International</i> , 2019, 45, 7413-7418.	2.3	24
33	Influence the Filler Orientation on the Performance of Bipolar Plate. <i>Sains Malaysiana</i> , 2019, 48, 669-676.	0.3	6
34	Structure-property-processing investigation of electrically conductive polypropylene nanocomposites. <i>Science and Engineering of Composite Materials</i> , 2018, 25, 1177-1186.	0.6	9
35	Asymmetric membrane containing electrospun Cu-BTC/poly(vinyl alcohol) for pervaporation dehydration of 1,4-dioxane. <i>Separation and Purification Technology</i> , 2018, 192, 240-252.	3.9	12
36	Microstructure and physical and mechanical properties of micro cemented carbide injection moulded components. <i>Powder Technology</i> , 2018, 326, 151-158.	2.1	6

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37	Extrusion Process of Polypropylene Composites Reinforced Milled Carbon Fibre for Conductive Polymer Composite Application. MATEC Web of Conferences, 2018, 248, 01012.	0.1	3
38	Preparation of SS316L MIM feedstock with biopolymer as a binder. IOP Conference Series: Materials Science and Engineering, 2018, 290, 012076.	0.3	0
39	Effect of sintering parameters on physical and mechanical properties of powder injection moulded stainless steel-hydroxyapatite composite. PLoS ONE, 2018, 13, e0206247.	1.1	12
40	Multi-component MWCNT/NG/EP-based bipolar plates with enhanced mechanical and electrical characteristics fabricated by compression moulding. Ceramics International, 2018, 44, 14457-14464.	2.3	27
41	Effects of Die Configuration on the Electrical Conductivity of Polypropylene Reinforced Milled Carbon Fibers: An Application on a Bipolar Plate. Polymers, 2018, 10, 558.	2.0	9
42	UV/O3 treatment as a surface modification of rice husk towards preparation of novel biocomposites. PLoS ONE, 2018, 13, e0197345.	1.1	20
43	Crashworthiness characteristics of natural ramie/bio-epoxy composite tubes for energy absorption application. Iranian Polymer Journal (English Edition), 2018, 27, 563-575.	1.3	9
44	The Effects of Maleic Anhydride Grafted PP (MAPP) on the Mechanical Properties of Injection Moulded Kenaf/CNTs/PP Composites. Sains Malaysiana, 2018, 47, 1285-1291.	0.3	3
45	Pengoptimuman Parameter Pengacuan Suntikan terhadap Ketumpatan Jasad Anum untuk Komposit Aloji Titanium-Wolastonit. Sains Malaysiana, 2018, 47, 2869-2875.	0.3	2
46	Pengoptimuman Parameter Sonikasi dan Pengacuan Magnetik bagi Mendapatkan Penyerakan Sebati Komposit Kuprum-Grafin Berdasarkan Sifat Morfologi. Sains Malaysiana, 2018, 47, 1039-1043.	0.3	1
47	Investigation on Feedstock Preparation for Micro-Cemented Carbide Injection Molding. Powder Metallurgy Progress, 2018, 18, 96-102.	0.6	0
48	A review of electrical conductivity models for conductive polymer composite. International Journal of Hydrogen Energy, 2017, 42, 9262-9273.	3.8	168
49	Electrical properties of extruded milled carbon fibre and polypropylene. Journal of Composite Materials, 2017, 51, 3187-3195.	1.2	13
50	Optimizing Injection Parameters of Kenaf Filler Polypropylene Composite by Taguchi Method. Materials Science Forum, 2017, 894, 81-84.	0.3	3
51	A review of biocompatible metal injection moulding process parameters for biomedical applications. Materials Science and Engineering C, 2017, 78, 1263-1276.	3.8	114
52	Effect of surface modified rice husk (RH) on the flexural properties of recycled HDPE/RH composite. Advances in Materials and Processing Technologies, 2017, 3, 482-489.	0.8	10
53	Tensile Properties of Unidirectional Kenaf Polypropylene Composite at Various Temperatures and Orientations. Materials Science Forum, 2017, 890, 16-19.	0.3	1
54	Effect of halloysite nanotubes loading on thermo-mechanical and morphological properties of polyurethane nanocomposites. Materials Technology, 2017, 32, 430-442.	1.5	15

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55	Effect of mixing parameters on the mixing time and density of composite HA/Ti6Al4V feedstock for powder injection molding. MATEC Web of Conferences, 2017, 101, 03003.	0.1	2
56	Unidirectional Kenaf Polypropylene Composites: Optimization Process by Two Level Full Factorial. Materials Science Forum, 2017, 894, 42-45.	0.3	0
57	Absolute variation of the mechanical characteristics of halloysite reinforced polyurethane nanocomposites complemented by Taguchi and ANOVA approaches. Results in Physics, 2017, 7, 3287-3300.	2.0	9
58	The effect of milled carbon fibre filler on electrical conductivity in highly conductive polymer composites. Composites Part B: Engineering, 2017, 110, 153-160.	5.9	101
59	Kenaf-Biocomposites: Manufacturing, Characterization, and Applications. Green Energy and Technology, 2017, , 225-254.	0.4	5
60	Coating of stainless steel and titanium bipolar plates for anticorrosion in PEMFC: A review. International Journal of Hydrogen Energy, 2017, 42, 9135-9148.	3.8	211
61	Effect of Starch Loading on the Thermo-Mechanical and Morphological Properties of Polyurethane Composites. Materials, 2017, 10, 777.	1.3	17
62	The Impact of Halloysite on the Thermo-Mechanical Properties of Polymer Composites. Molecules, 2017, 22, 838.	1.7	82
63	Unique Halloysite Nanotubesâ€™Polyvinyl Alcoholâ€™Polyvinylpyrrolidone Composite Complemented with Physicoâ€™Chemical Characterization. Polymers, 2017, 9, 207.	2.0	23
64	Surface Improvement of Halloysite Nanotubes. Applied Sciences (Switzerland), 2017, 7, 291.	1.3	21
65	Optimizing Physio-Mechanical Properties of Halloysite Reinforced Polyurethane Nanocomposites by Taguchi Approach. Science of Advanced Materials, 2017, 9, 949-961.	0.1	9
66	Porous titanium alloy/hydroxyapatite composite using powder compaction route. Journal of Mechanical Engineering and Sciences, 2017, 11, 2679-2692.	0.3	6
67	Two Component Injection Moulding of Bi-material of Stainless Steel and Yttria Stabilized Zirconia â€™Green Part. Jurnal Kejuruteraan, 2017, 29, 49-55.	0.2	12
68	Effects of Debinding and Sintering Atmosphere on Properties and Corrosion Resistance of Powder Injection Molded 316 L - Stainless Steel. Sains Malaysiana, 2017, 46, 285-293.	0.3	14
69	Effect of Space Holders on Fabrication of Porous Titanium Alloy-Hydroxyapatite Composite through Powder Injection Molding. Sains Malaysiana, 2017, 46, 1651-1657.	0.3	5
70	Pengoptimuman Pemrosesan Komposit rHDPE Berpenguat Sekam Padi dengan Kaedah Tindak Balas Permukaan (RSM). Sains Malaysiana, 2017, 46, 1749-1756.	0.3	1
71	TENSILE PROPERTIES OF UNIDIRECTIONAL KENAF FIBER POLYPROPYLENE COMPOSITE. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.3	6
72	MOULDABILITY OF WOOD FILLER REINFORCED POLYPROPYLENE COMPOSITE FOR INJECTION MOULDED ENGINE COVER USING MOULD FILING SIMULATION. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.3	0

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73	Optimizing Injection Molding Parameters of Different Halloysites Type-Reinforced Thermoplastic Polyurethane Nanocomposites via Taguchi Complemented with ANOVA. <i>Materials</i> , 2016, 9, 947.	1.3	17
74	Impact of Sulfuric Acid Treatment of Halloysite on Physico-Chemic Property Modification. <i>Materials</i> , 2016, 9, 620.	1.3	59
75	Effect of Sintering Temperature on Density, Hardness and Strength of MIM Co30Cr6Mo Biomedical Alloy. Funtai Oyobi Fummtsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2016, 63, 434-437.	0.1	15
76	Influence of alkaline treatment and fiber loading on the physical and mechanical properties of kenaf/polypropylene composites for variety of applications. <i>Progress in Natural Science: Materials International</i> , 2016, 26, 657-664.	1.8	140
77	Effect of Molding Parameters on the Flexural Strength of Carbon Black/Graphite/Epoxy Nanocomposites Using Taguchi Method. <i>Materials Science Forum</i> , 2016, 864, 28-33.	0.3	0
78	Effects of solid loading and cooling rate on the mechanical properties and corrosion behavior of powder injection molded 316 L stainless steel. <i>Powder Technology</i> , 2016, 289, 135-142.	2.1	22
79	Structural and magnetic properties of yttrium iron garnet (YIG) and yttrium aluminum iron garnet (YAIG) nanoferrites prepared by microemulsion method. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 401, 425-431.	1.0	80
80	Pengoptimuman Proses Penyemperitan Gentian Karbon Terkisar dan Polipropilena bagi Komposit Polimer Pengalir. <i>Sains Malaysiana</i> , 2016, 45, 1913-1921.	0.3	5
81	CRITICAL POWDER LOADING AND RHEOLOGICAL PROPERTIES OF POLYPROPYLENE/GRAPHITE COMPOSITE FEEDSTOCK FOR BIPOLAR PLATE APPLICATION. <i>Malaysian Journal of Analytical Sciences</i> , 2016, 20, 687-696.	0.2	2
82	Jig Prototype for Computer-Assisted Total Knee Replacement and Its Flow Simulation. <i>International Journal of Technology</i> , 2016, 7, 132.	0.4	3
83	Measurement of hydrogen ion conductivity through proton exchange membrane. , 2015, , .		1
84	CHARACTERIZATION OF HYDROXYAPATITE/TI6AL4V COMPOSITE POWDER UNDER VARIOUS SINTERING TEMPERATURE. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 75, .	0.3	3
85	Properties and Applications of Polyvinyl Alcohol, Halloysite Nanotubes and Their Nanocomposites. <i>Molecules</i> , 2015, 20, 22833-22847.	1.7	487
86	Powder compaction of bimatials: stainless steel 316L and nanocrystalline yttria stabilised zirconia. <i>Materials Technology</i> , 2015, 30, 313-320.	1.5	3
87	Fabrication of miniature parts using nano-sized powders and an environmentally friendly binder through micro powder injection molding. <i>Microsystem Technologies</i> , 2015, 21, 1131-1136.	1.2	8
88	Micro-powder injection molding of cemented tungsten carbide: feedstock preparation and properties. <i>Ceramics International</i> , 2015, 41, 3605-3612.	2.3	12
89	Effect of the addition of milled carbon fiber as a secondary filler on the electrical conductivity of graphite/epoxy composites for electrical conductive material. <i>Composites Part B: Engineering</i> , 2015, 83, 75-80.	5.9	86
90	Effects of binder system and processing parameters on formability of porous Ti/HA composite through powder injection molding. <i>Materials and Design</i> , 2015, 87, 386-392.	3.3	41

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91	Mechanical and Physical Properties of Injection Molded Halloysite Nanotubes-Thermoplastic Polyurethane Nanocomposites. <i>Procedia, Social and Behavioral Sciences</i> , 2015, 195, 2748-2752.	0.5	12
92	Evaluation of thermal, morphological and mechanical properties of PMMA/NaCl/DMF electrospun nanofibers: an investigation through surface methodology approach. <i>Iranian Polymer Journal (English Edition)</i> , 2015, 24, 1025-1038.	1.3	17
93	Powder injection molding of HA/Ti6Al4V composite using palm stearin as based binder for implant material. <i>Materials & Design</i> , 2015, 65, 1028-1034.	5.1	48
94	Effect of sintering temperature on surface morphology and electrical properties of samarium-doped ceria carbonate for solid oxide fuel cells. <i>Ceramics International</i> , 2015, 41, 1323-1332.	2.3	24
95	Morphology and tensile properties of thermoplastic polyurethane-halloysite nanotube nanocomposites. <i>International Journal of Automotive and Mechanical Engineering</i> , 2015, 12, 2844-2856.	0.5	6
96	Stainless steel 316L-hydroxyapatite composite via powder injection moulding: rheological and mechanical properties characterisation. <i>Materials Research Innovations</i> , 2014, 18, S6-100-S6-104.	1.0	3
97	Fabrication of cemented tungsten carbide components by micro-powder injection moulding. <i>Journal of Materials Processing Technology</i> , 2014, 214, 1436-1444.	3.1	36
98	Material processing of hydroxyapatite and titanium alloy (HA/Ti) composite as implant materials using powder metallurgy: A review. <i>Materials & Design</i> , 2014, 55, 165-175.	5.1	275
99	The effect of nano-sized stainless steel powder addition on mechanical and physical properties of micropowder injection molded part. <i>Materials & Design</i> , 2014, 63, 223-232.	5.1	30
100	Effect of Dry and Wet Ball Milling Process on Critical Powder Loading and Mixture Properties of Fine WC-10Co-0.8VC Powder. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 59, .	0.3	5
101	Effect of the compression molding parameters on the in-plane and through-plane conductivity of carbon nanotubes/graphite/epoxy nanocomposites as bipolar plate material for a polymer electrolyte membrane fuel cell. <i>Ceramics International</i> , 2013, 39, 1277-1284.	2.3	78
102	Effect of sintering temperature on the mechanical and physical properties of WC-10%Co through micro-powder injection molding (µPIM). <i>Ceramics International</i> , 2013, 39, 4457-4464.	2.3	20
103	Electrical Conductivity and Hardness Property of CNTs/Epoxy Nanocomposites. <i>Advanced Materials Research</i> , 2013, 701, 197-201.	0.3	3
104	Effect of small-sized conductive filler on the properties of an epoxy composite for a bipolar plate in a PEMFC. <i>Ceramics International</i> , 2013, 39, 7159-7166.	2.3	45
105	Comparison of the pervaporation performance of various types of carbon nanotube-based nanocomposites in the dehydration of acetone. <i>Separation and Purification Technology</i> , 2013, 107, 252-263.	3.9	43
106	Influence of sintering temperature on the power density of samarium-doped-ceria carbonate electrolyte composites for low-temperature solid oxide fuel cells. <i>Ceramics International</i> , 2013, 39, 5813-5820.	2.3	30
107	Development of lanthanum strontium cobalt ferrite composite cathodes for intermediate- to low-temperature solid oxide fuel cells. <i>Journal of Zhejiang University: Science A</i> , 2013, 14, 11-24.	1.3	29
108	Rheological and mechanical properties of carbon nanotube/Graphite/SS316L/polypropylene nanocomposite for a conductive polymer composite. <i>Composites Part B: Engineering</i> , 2013, 50, 54-61.	5.9	39

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109	Yttria stabilized zirconia formed by micro ceramic injection molding: Rheological properties and debinding effects on the sintered part. <i>Ceramics International</i> , 2013, 39, 2665-2674.	2.3	32
110	Effect of Acid- and Ultraviolet/Ozonolysis-Treated MWCNTs on the Electrical and Mechanical Properties of Epoxy Nanocomposites as Bipolar Plate Applications. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-8.	1.5	22
111	Effect of Mixing Parameter on Electrical Conductivity of Carbon Black/Graphite/Epoxy Nanocomposite Using Taguchi Method. <i>Applied Mechanics and Materials</i> , 2013, 393, 68-73.	0.2	2
112	Characterization of Fabricated Feedstock Using Nano Powders and a Water-Soluble Binder in Micro Metal Injection Molding. <i>Journal of Nano Research</i> , 2013, 25, 174-180.	0.8	1
113	Characterization of Fabricated Feedstock Using Nano Powders and a Water-Soluble Binder in Micro Metal Injection Molding. <i>Journal of Nano Research</i> , 2013, 23, 36-42.	0.8	4
114	Direct Measurement and Evaluation for Mechanical Engineering Programme Outcomes: Impact on Continuous Improvement. <i>International Education Studies</i> , 2013, 6, .	0.3	0
115	Curriculum Development Based on the Big Picture Assessment of the Mechanical Engineering Program. <i>International Education Studies</i> , 2013, 6, .	0.3	1
116	Effect of Mixing Parameters on the Flexural Strength of CNTs/G/EP Nanocomposites Using Taguchi Method. <i>Advanced Science Letters</i> , 2013, 19, 334-337.	0.2	2
117	Metal Injection Moulding of ZK60 Magnesium Alloy Powder Using Palm Stearin Based Binder System. <i>Advanced Materials Research</i> , 2012, 445, 374-379.	0.3	3
118	Effect of nano-sized powders on powder injection molding: a review. <i>Microsystem Technologies</i> , 2012, 18, 1941-1961.	1.2	41
119	Analysis of warpage and shrinkage properties of injection-molded micro gears polymer composites using numerical simulations assisted by the Taguchi method. <i>Materials & Design</i> , 2012, 42, 62-71.	5.1	94
120	The failure mode of natural silk epoxy triggered composite tubes. <i>IOP Conference Series: Materials Science and Engineering</i> , 2012, 36, 012030.	0.3	0
121	A Case Study on Peer Review and Lecturer Evaluations in an Academic Setting. <i>Asian Social Science</i> , 2012, 8, .	0.1	1
122	Optimization Mixing Parameters on the Electrical Conductivity of Polymer Nanocomposites Based on the Taguchi Method. <i>Applied Mechanics and Materials</i> , 2011, 52-54, 31-36.	0.2	5
123	A review on preparation of SDC-carbonate as composite electrolyte material for intermediate temperature Solid Oxide Fuel Cells (IT-SOFC)., 2011, , .		5
124	Process optimization of melt spinning and mechanical strength enhancement of functionalized multi-walled carbon nanotubes reinforcing polyethylene fibers. <i>Composites Part B: Engineering</i> , 2011, 42, 11-17.	5.9	26
125	Optimization of Micro Metal Injection Molding By Using Grey Relational Grade. <i>AIP Conference Proceedings</i> , 2011, , .	0.3	4
126	Application of Taguchi Method for Parameters Optimization in Micro Metal Injection Molding. <i>Applied Mechanics and Materials</i> , 2011, 52-54, 244-248.	0.2	1

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127	Optimization of Micro Metal Injection Molding SS 316L for the Highest Green Strength by Using Taguchi Method. <i>Advanced Materials Research</i> , 2011, 264-265, 135-140.	0.3	6
128	Rheological Characterization of Water Atomised Stainless Steel SS316L for Micro MIM. <i>Advanced Materials Research</i> , 2011, 264-265, 129-134.	0.3	5
129	Enhancing Learning Experience of Novice Surgeon with Virtual Training System for Jig and Fixture Usage. <i>Lecture Notes in Computer Science</i> , 2011, , 238-244.	1.0	0
130	Parameter Optimization towards Highest Micro MIM Density by Using Taguchi Method. <i>Key Engineering Materials</i> , 2010, 443, 705-710.	0.4	10
131	Electrical Conductivity and Flexural Strength of Graphite/Carbon Nanotubes/Epoxy Nanocomposites. <i>Key Engineering Materials</i> , 2010, 447-448, 643-647.	0.4	0
132	PERFORMANCE OF UNCOATED CARBIDE CUTTING TOOL WHEN MACHINING CAST IRON IN DRY CUTTING CONDITION. <i>International Journal of Modern Physics B</i> , 2009, 23, 1796-1802.	1.0	3
133	EFFECT OF STARCH BINDERS IN ALUMINA COATINGS ON AISI 316 L STAINLESS STEEL FOR MEDICAL APPLICATION. <i>International Journal of Modern Physics B</i> , 2009, 23, 1034-1039.	1.0	0
134	FUNCTIONALIZED MWCNTS REINFORCED POLYETHYLENE FIBER COMPOSITE: MECHANICAL STRENGTH CHARACTERIZATION. <i>International Journal of Modern Physics B</i> , 2009, 23, 1419-1424.	1.0	0
135	Visualization of the Newly Designed Jig and Fixture for Computer-Assisted Knee Replacement Surgery. <i>Lecture Notes in Computer Science</i> , 2009, , 223-231.	1.0	1
136	Fabrication of Carbon Nanotubes Reinforced Polyethylene Fibers by Melt Spinning: Process Optimization and Mechanical Strength Characterization. <i>Advanced Materials Research</i> , 2007, 26-28, 289-292.	0.3	1
137	Dynamic Thermo-Mechanical Properties of Chemically Surface Modified MWCNTs Reinforced Polymeric Composites. <i>Advanced Materials Research</i> , 2007, 26-28, 285-288.	0.3	1
138	Wear Behavior of Functionalized Multi-walled Carbon Nanotube Reinforced Epoxy Matrix Composites. <i>Journal of Composite Materials</i> , 2006, 40, 1947-1960.	1.2	39
139	Flow Behavior Characteristic for Injection Process Using Nano-Yttria Stabilized Zirconia for Micro Metal Injection Molding (μ MIM). <i>Applied Mechanics and Materials</i> , 0, 44-47, 480-484.	0.2	2
140	Rheological Investigation of ZK60 Magnesium Alloy Feedstock for Metal Injection Moulding Using Palm Stearin Based Binder System. <i>Applied Mechanics and Materials</i> , 0, 44-47, 4126-4130.	0.2	9
141	Electrical Conductivity and Micro Hardness of Synthetic and Natural Graphite Epoxy Composite. <i>Key Engineering Materials</i> , 0, 447-448, 614-618.	0.4	2
142	Effects of Molding Parameters and Addition of Fillers on Gate Chip Off Formation during the Degating Process in Transfer Molding. <i>Key Engineering Materials</i> , 0, 447-448, 790-794.	0.4	0
143	Design Approach for Jig in Computer Assisted Total Knee Replacement Surgery. <i>Key Engineering Materials</i> , 0, 447-448, 341-345.	0.4	0
144	Effects of Insert Nose Radius and Processing Cutting Parameter on the Surface Roughness of Aisi 316 Stainless Steel. <i>Key Engineering Materials</i> , 0, 447-448, 51-54.	0.4	4

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145	Critical Solid Loading and Rheological Study of WC-10%Co. Applied Mechanics and Materials, 0, 52-54, 97-102.	0.2	5
146	Electrical Properties of Carbon Nanotubes-Based Epoxy Nanocomposites for High Electrical Conductive Plate. Advanced Materials Research, 0, 264-265, 559-564.	0.3	13
147	Comparison on Rheology Properties of Polypropylene and Polyethylene as Binder System with Stainless Steel 316L for Metal Injection Moding. Key Engineering Materials, 0, 471-472, 409-414.	0.4	2
148	Micro Powder Injection Molding (ÂµPIM): Review. Applied Mechanics and Materials, 0, 52-54, 91-96.	0.2	5
149	Effect of Wet Oxidation on the Dispersion and Electrical Properties of Multi-Walled Carbon Nanotubes/Epoxy Nanocomposites. Key Engineering Materials, 0, 471-472, 162-166.	0.4	2
150	Influence of Polyacrilonitrile (PAN) Concentration on the Mechanical and Physical Properties of Electrospun Fibres. Key Engineering Materials, 0, 471-472, 43-48.	0.4	1
151	Quasi-Static Energy Absorption of Pultruded Composite Tubes E-Glass/Polyester under Oblique Loading with Different Cross-Section. Advanced Materials Research, 0, 341-342, 843-847.	0.3	5
152	Effect of Loading Concentration on the Electrical and Hardness Properties of MWCNT/Epoxy Nanocomposites. Key Engineering Materials, 0, 471-472, 157-161.	0.4	0
153	Effects of Different Particles Sizes of Graphite on the Engineering Properties of Graphites/Polypropylene Composites on Injection Molding Application. Key Engineering Materials, 0, 471-472, 109-114.	0.4	2
154	Analysis of Energy Absorption on Pultruded Composite Tube under Oblique Loading. Key Engineering Materials, 0, 471-472, 215-220.	0.4	1
155	Optimization of Injection Parameters Using 16Âµm Stainless Steel Powder (SS316L) at 63 Vol. %, 63.5 Vol. % and 64 Vol. % Powder Loading by Taguchi Method for Metal Injection Molding. Key Engineering Materials, 0, 471-472, 558-562.	0.4	2
156	Effect of the Deposition Time on LSCFâ€™SDC Carbonate Thin Film Formation by the Electrophoretic Deposition Method. Advanced Materials Research, 0, 616-618, 1813-1818.	0.3	0
157	Fabrication Methods for Planar Solid Oxide Fuel Cells: A Review. Advanced Materials Research, 0, 662, 396-401.	0.3	10
158	Rheological Properties of Cemented Tungsten Carbide Feedstock for Micro Powder Injection. Materials Science Forum, 0, 773-774, 827-832.	0.3	1
159	Reprocessing Index for Automotive Co-Axial Swash Plate A5. Applied Mechanics and Materials, 0, 663, 662-667.	0.2	0
160	Physical, Mechanical and Electrical Properties of W-20 wt.% Cu Composite Produced by Liquid Phase Sintering Process. Advanced Materials Research, 0, 879, 21-26.	0.3	0
161	Micro Powder Injection Moulding Using Nanosized Powders. Advanced Materials Research, 0, 1024, 116-119.	0.3	1
162	HA/Ti6Al4V Powder with Palm Stearin Binder System - Feedstock Characterization. Applied Mechanics and Materials, 0, 564, 372-375.	0.2	4

#	ARTICLE	IF	CITATIONS
163	Effects of Binder and Processing Parameters on Processability of Porous Ti/HA Composite through Powder Injection Molding. <i>Advanced Materials Research</i> , 0, 1133, 90-94.	0.3	2
164	Carbon Fibre Reinforced Polypropylene: An Electrical Conductivity Model. <i>Key Engineering Materials</i> , 0, 791, 29-34.	0.4	1