

Abu Bakar Sulong

List of Publications by Year in descending order

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papers

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185998

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168
times ranked

3863
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#	ARTICLE	IF	CITATIONS
1	Properties and Applications of Polyvinyl Alcohol, Halloysite Nanotubes and Their Nanocomposites. <i>Molecules</i> , 2015, 20, 22833-22847.	1.7	487
2	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
3	Coating of stainless steel and titanium bipolar plates for anticorrosion in PEMFC: A review. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 9135-9148.	3.8	211
4	A review of electrical conductivity models for conductive polymer composite. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 9262-9273.	3.8	168
5	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
6	A review of biocompatible metal injection moulding process parameters for biomedical applications. <i>Materials Science and Engineering C</i> , 2017, 78, 1263-1276.	3.8	114
7	The effect of milled carbon fibre filler on electrical conductivity in highly conductive polymer composites. <i>Composites Part B: Engineering</i> , 2017, 110, 153-160.	5.9	101
8	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
9	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
10	The Impact of Halloysite on the Thermo-Mechanical Properties of Polymer Composites. <i>Molecules</i> , 2017, 22, 838.	1.7	82
11	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
12	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
13	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
14	Impact of Sulfuric Acid Treatment of Halloysite on Physico-Chemic Property Modification. <i>Materials</i> , 2016, 9, 620.	1.3	59
15	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
16	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
17	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
18	Effect of nano-sized powders on powder injection molding: a review. <i>Microsystem Technologies</i> , 2012, 18, 1941-1961.	1.2	41

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19	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
20	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
21	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
22	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
23	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
24	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
25	The Effect of Alkali Treatment on Physical, Mechanical and Thermal Properties of Kenaf Fiber and Polymer Epoxy Composites. <i>Polymers</i> , 2021, 13, 2005.	2.0	31
26	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
27	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
28	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
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	Multi-component MWCNT/NG/EP-based bipolar plates with enhanced mechanical and electrical characteristics fabricated by compression moulding. <i>Ceramics International</i> , 2018, 44, 14457-14464.	2.3	27
31	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
32	New processing technique for biodegradable kenaf composites: A simple alternative to commercial automotive parts. <i>Composites Part B: Engineering</i> , 2020, 184, 107644.	5.9	25
33	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
34	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
35	Fabrication of multi-filler MCF/MWCNT/SG-based bipolar plates. <i>Ceramics International</i> , 2019, 45, 7413-7418.	2.3	24
36	Unique Halloysite Nanotubes/Polyvinyl Alcohol/Polyvinylpyrrolidone Composite Complemented with Physico-Chemical Characterization. <i>Polymers</i> , 2017, 9, 207.	2.0	23

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37	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
38	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
39	Kenaf Composites for Automotive Components: Enhancement in Machinability and Moldability. <i>Polymers</i> , 2019, 11, 1707.	2.0	22
40	Surface Improvement of Halloysite Nanotubes. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 291.	1.3	21
41	Effect of sintering temperature on the mechanical and physical properties of WCâ€“10%Co through micro-powder injection molding (i¼PIM). <i>Ceramics International</i> , 2013, 39, 4457-4464.	2.3	20
42	UV/O3 treatment as a surface modification of rice husk towards preparation of novel biocomposites. <i>PLoS ONE</i> , 2018, 13, e0197345.	1.1	20
43	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
44	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
45	Recent advances on biofunctionalization of metallic substrate using ceramic coating: How far are we from clinically stable implant?. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 118, 254-270.	2.7	18
46	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
47	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
48	Effect of Starch Loading on the Thermo-Mechanical and Morphological Properties of Polyurethane Composites. <i>Materials</i> , 2017, 10, 777.	1.3	17
49	Process Parameters Used in Macro/Micro Powder Injection Molding: An Overview. <i>Metals and Materials International</i> , 2021, 27, 2023-2045.	1.8	16
50	Characterization of titanium ceramic composite for bone implants applications. <i>Ceramics International</i> , 2022, 48, 22808-22819.	2.3	16
51	Effect of Sintering Temperature on Density, Hardness and Strength of MIM Co30Cr6Mo Biomedical Alloy. <i>Funtai Oyobi Fummatu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2016, 63, 434-437.	0.1	15
52	Effect of halloysite nanotubes loading on thermo-mechanical and morphological properties of polyurethane nanocomposites. <i>Materials Technology</i> , 2017, 32, 430-442.	1.5	15
53	In Situ Controlled Surface Microstructure of 3D Printed Ti Alloy to Promote Its Osteointegration. <i>Materials</i> , 2019, 12, 815.	1.3	14
54	Effects of High-Temperature Exposure on the Mechanical Properties of Kenaf Composites. <i>Polymers</i> , 2020, 12, 1643.	2.0	14

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55	Effects of Debinding and Sintering Atmosphere on Properties and Corrosion Resistance of Powder Injection Molded 316 L - Stainless Steel. <i>Sains Malaysiana</i> , 2017, 46, 285-293.	0.3	14
56	Electrical Properties of Carbon Nanotubes-Based Epoxy Nanocomposites for High Electrical Conductive Plate. <i>Advanced Materials Research</i> , 0, 264-265, 559-564.	0.3	13
57	Electrical properties of extruded milled carbon fibre and polypropylene. <i>Journal of Composite Materials</i> , 2017, 51, 3187-3195.	1.2	13
58	Micro-powder injection molding of cemented tungsten carbide: feedstock preparation and properties. <i>Ceramics International</i> , 2015, 41, 3605-3612.	2.3	12
59	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
60	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
61	Effect of sintering parameters on physical and mechanical properties of powder injection moulded stainless steel-hydroxyapatite composite. <i>PLoS ONE</i> , 2018, 13, e0206247.	1.1	12
62	Two Component Injection Moulding of Bi-material of Stainless Steel and Yttria Stabilized Zirconia "Green Part. <i>Jurnal Kejuruteraan</i> , 2017, 29, 49-55.	0.2	12
63	Recent Advances on Bacterial Cellulose-Based Wound Management: Promises and Challenges. <i>International Journal of Polymer Science</i> , 2022, 2022, 1-24.	1.2	12
64	Parameter Optimization towards Highest Micro MIM Density by Using Taguchi Method. <i>Key Engineering Materials</i> , 2010, 443, 705-710.	0.4	10
65	Fabrication Methods for Planar Solid Oxide Fuel Cells: A Review. <i>Advanced Materials Research</i> , 0, 662, 396-401.	0.3	10
66	Effect of surface modified rice husk (RH) on the flexural properties of recycled HDPE/RH composite. <i>Advances in Materials and Processing Technologies</i> , 2017, 3, 482-489.	0.8	10
67	Prospect of Metal Ceramic (Titanium-Wollastonite) Composite as Permanent Bone Implants: A Narrative Review. <i>Materials</i> , 2021, 14, 277.	1.3	10
68	Rheological properties of irregular-shaped titanium-hydroxyapatite bimodal powder composite moulded by powder injection moulding. <i>Journal of Materials Research and Technology</i> , 2021, 11, 2255-2264.	2.6	10
69	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
70	Absolute variation of the mechanical characteristics of halloysite reinforced polyurethane nanocomposites complemented by Taguchi and ANOVA approaches. <i>Results in Physics</i> , 2017, 7, 3287-3300.	2.0	9
71	Structure-property-processing investigation of electrically conductive polypropylene nanocomposites. <i>Science and Engineering of Composite Materials</i> , 2018, 25, 1177-1186.	0.6	9
72	Effects of Die Configuration on the Electrical Conductivity of Polypropylene Reinforced Milled Carbon Fibers: An Application on a Bipolar Plate. <i>Polymers</i> , 2018, 10, 558.	2.0	9

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73	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
74	Bi-Material Micro-Part of Stainless Steel and Zirconia by Two-Component Micro-Powder Injection Molding: Rheological Properties and Solvent Debinding Behavior. Metals, 2020, 10, 595.	1.0	9
75	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
76	Optimizing Physio-Mechanical Properties of Halloysite Reinforced Polyurethane Nanocomposites by Taguchi Approach. Science of Advanced Materials, 2017, 9, 949-961.	0.1	9
77	Fabrication of miniature parts using nano-sized powders and an environmentally friendly binder through micro powder injection molding. Microsystem Technologies, 2015, 21, 1131-1136.	1.2	8
78	Electrical Conductivity Performance of Predicted Modified Fibre Contact Model for Multi-Filler Polymer Composite. Polymers, 2019, 11, 1425.	2.0	8
79	Layup sequence and interfacial bonding of additively manufactured polymeric composite: A brief review. Nanotechnology Reviews, 2021, 10, 1853-1872.	2.6	8
80	Rheological properties of titanium-hydroxyapatite with powder space holder composite feedstock for powder injection moulding. International Journal of Advanced Manufacturing Technology, 2019, 102, 2591-2599.	1.5	7
81	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
82	Optimization of Micro Metal Injection Molding SS 316L for the Highest Green Strength by Using Taguchi Method. Advanced Materials Research, 2011, 264-265, 135-140.	0.3	6
83	TENSILE PROPERTIES OF UNIDIRECTIONAL KENAF FIBER POLYPROPYLENE COMPOSITE. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.3	6
84	Microstructure and physical and mechanical properties of micro cemented carbide injection moulded components. Powder Technology, 2018, 326, 151-158.	2.1	6
85	Influence of Multiwalled Carbon Nanotubes on the Rheological Behavior and Physical Properties of Kenaf Fiber-Reinforced Polypropylene Composites. Polymers, 2020, 12, 2083.	2.0	6
86	Morphology and tensile properties of thermoplastic polyurethane-halloysite nanotube nanocomposites. International Journal of Automotive and Mechanical Engineering, 2015, 12, 2844-2856.	0.5	6
87	Porous titanium alloy/hydroxyapatite composite using powder compaction route. Journal of Mechanical Engineering and Sciences, 2017, 11, 2679-2692.	0.3	6
88	Influence the Filler Orientation on the Performance of Bipolar Plate. Sains Malaysiana, 2019, 48, 669-676.	0.3	6
89	Optimization Mixing Parameters on the Electrical Conductivity of Polymer Nanocomposites Based on the Taguchi Method. Applied Mechanics and Materials, 2011, 52-54, 31-36.	0.2	5
90	A review on preparation of SDC-carbonate as composite electrolyte material for intermediate temperature Solid Oxide Fuel Cells (IT-SOFC)., 2011, , .		5

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91	Critical Solid Loading and Rheological Study of WC-10%Co. Applied Mechanics and Materials, 0, 52-54, 97-102.	0.2	5
92	Micro Powder Injection Molding (µPIM): Review. Applied Mechanics and Materials, 0, 52-54, 91-96.	0.2	5
93	Rheological Characterization of Water Atomised Stainless Steel SS316L for Micro MIM. Advanced Materials Research, 2011, 264-265, 129-134.	0.3	5
94	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
95	Kenaf-Biocomposites: Manufacturing, Characterization, and Applications. Green Energy and Technology, 2017, , 225-254.	0.4	5
96	Application of sodium chloride as space holder for powder injection molding of alloy Titanium-Hydroxyapatite composites. Journal of Materials Research and Technology, 2021, 12, 478-486.	2.6	5
97	Effect of Dry and Wet Ball Milling Process on Critical Powder Loading and Mixture Properties of Fine WC-10Co-0.8VC Powder. Jurnal Teknologi (Sciences and Engineering), 2014, 59, .	0.3	5
98	Pengoptimuman Proses Penyemperitan Gentian Karbon Terkisar dan Polipropilena bagi Komposit Polimer Pengalir. Sains Malaysiana, 2016, 45, 1913-1921.	0.3	5
99	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
100	Effects of Insert Nose Radius and Processing Cutting Parameter on the Surface Roughness of Aisi 316 Stainless Steel. Key Engineering Materials, 0, 447-448, 51-54.	0.4	4
101	Optimization of Micro Metal Injection Molding By Using Grey Relational Grade. AIP Conference Proceedings, 2011, , .	0.3	4
102	Characterization of Fabricated Feedstock Using Nano Powders and a Water-Soluble Binder in Micro Metal Injection Molding. Journal of Nano Research, 2013, 23, 36-42.	0.8	4
103	HA/Ti6Al4V Powder with Palm Stearin Binder System - Feedstock Characterization. Applied Mechanics and Materials, 0, 564, 372-375.	0.2	4
104	Presintered Titanium-Hydroxyapatite Composite Fabricated via PIM Route. Metals, 2021, 11, 318.	1.0	4
105	Sintering Behavior of Bi-Material Micro-Component of 17-4PH Stainless Steel and Ytria-Stabilized Zirconia Produced by Two-Component Micro-Powder Injection Molding Process. Materials, 2022, 15, 2059.	1.3	4
106	PERFORMANCE OF UNCOATED CARBIDE CUTTING TOOL WHEN MACHINING CAST IRON IN DRY CUTTING CONDITION. International Journal of Modern Physics B, 2009, 23, 1796-1802.	1.0	3
107	Metal Injection Moulding of ZK60 Magnesium Alloy Powder Using Palm Stearin Based Binder System. Advanced Materials Research, 2012, 445, 374-379.	0.3	3
108	Electrical Conductivity and Hardness Property of CNTs/Epoxy Nanocomposites. Advanced Materials Research, 2013, 701, 197-201.	0.3	3

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109	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
110	CHARACTERIZATION OF HYDROXYAPATITE/TI6AL4V COMPOSITE POWDER UNDER VARIOUS SINTERING TEMPERATURE. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 75, .	0.3	3
111	Powder compaction of bimerials: stainless steel 316L and nanocrystalline yttria stabilised zirconia. <i>Materials Technology</i> , 2015, 30, 313-320.	1.5	3
112	Optimizing Injection Parameters of Kenaf Filler Polypropylene Composite by Taguchi Method. <i>Materials Science Forum</i> , 2017, 894, 81-84.	0.3	3
113	Extrusion Process of Polypropylene Composites Reinforced Milled Carbon Fibre for Conductive Polymer Composite Application. <i>MATEC Web of Conferences</i> , 2018, 248, 01012.	0.1	3
114	The Effects of Maleic Anhydride Grafted PP (MAPP) on the Mechanical Properties of Injection Moulded Kenaf/CNTs/PP Composites. <i>Sains Malaysiana</i> , 2018, 47, 1285-1291.	0.3	3
115	Jig Prototype for Computer-Assisted Total Knee Replacement and Its Flow Simulation. <i>International Journal of Technology</i> , 2016, 7, 132.	0.4	3
116	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
117	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
118	Comparison on Rheology Properties of Polypropylene and Polyethylene as Binder System with Stainless Steel 316L for Metal Injection Moding. <i>Key Engineering Materials</i> , 0, 471-472, 409-414.	0.4	2
119	Effect of Wet Oxidation on the Dispersion and Electrical Properties of Multi-Walled Carbon Nanotubes/Epoxy Nanocomposites. <i>Key Engineering Materials</i> , 0, 471-472, 162-166.	0.4	2
120	Effects of Different Particles Sizes of Graphite on the Engineering Properties of Graphites/Polypropylene Composites on Injection Molding Application. <i>Key Engineering Materials</i> , 0, 471-472, 109-114.	0.4	2
121	Optimization of Injection Parameters Using 16 μ m Stainless Steel Powder (SS316L) at 63 Vol. %, 63.5 Vol. % and 64 Vol. % Powder Loading by Taguchi Method for Metal Injection Molding. <i>Key Engineering Materials</i> , 0, 471-472, 558-562.	0.4	2
122	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
123	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
124	Effect of mixing parameters on the mixing time and density of composite HA/Ti6Al4V feedstock for powder injection molding. <i>MATEC Web of Conferences</i> , 2017, 101, 03003.	0.1	2
125	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
126	Pengoptimuman Parameter Pengacuan Suntikan terhadap Ketumpatan Jasad Anum untuk Komposit Aloji Titanium-Wolastonit. <i>Sains Malaysiana</i> , 2018, 47, 2869-2875.	0.3	2

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127	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
128	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
129	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
130	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
131	Influence of Polyacrylonitrile (PAN) Concentration on the Mechanical and Physical Properties of Electrospun Fibres. <i>Key Engineering Materials</i> , 0, 471-472, 43-48.	0.4	1
132	Analysis of Energy Absorption on Pultruded Composite Tube under Oblique Loading. <i>Key Engineering Materials</i> , 0, 471-472, 215-220.	0.4	1
133	A Case Study on Peer Review and Lecturer Evaluations in an Academic Setting. <i>Asian Social Science</i> , 2012, 8, .	0.1	1
134	Rheological Properties of Cemented Tungsten Carbide Feedstock for Micro Powder Injection. <i>Materials Science Forum</i> , 0, 773-774, 827-832.	0.3	1
135	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
136	Curriculum Development Based on the Big Picture Assessment of the Mechanical Engineering Program. <i>International Education Studies</i> , 2013, 6, .	0.3	1
137	Micro Powder Injection Moulding Using Nanosized Powders. <i>Advanced Materials Research</i> , 0, 1024, 116-119.	0.3	1
138	Measurement of hydrogen ion conductivity through proton exchange membrane. , 2015, , .		1
139	Tensile Properties of Unidirectional Kenaf Polypropylene Composite at Various Temperatures and Orientations. <i>Materials Science Forum</i> , 2017, 890, 16-19.	0.3	1
140	Carbon Fibre Reinforced Polypropylene: An Electrical Conductivity Model. <i>Key Engineering Materials</i> , 0, 791, 29-34.	0.4	1
141	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
142	Pengoptimuman Pemrosesan Komposit rHDPE Berpenguat Sekam Padi dengan Kaedah Tindak Balas Permukaan (RSM). <i>Sains Malaysiana</i> , 2017, 46, 1749-1756.	0.3	1
143	Pengoptimuman Parameter Sonikasi dan Pengacauan Magnetik bagi Mendapatkan Penyerakan Sebati Komposit Kuprum-Grafin Berdasarkan Sifat Morfologi. <i>Sains Malaysiana</i> , 2018, 47, 1039-1043.	0.3	1
144	Electrospun carboxylate-functionalised multi-walled carbon nanotube/poly(vinyl alcohol) asymmetric pervaporation membrane: Application and modeling. <i>Journal of Applied Polymer Science</i> , 2022, 139, 51953.	1.3	1

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145	EFFECT OF STARCH BINDERS IN ALUMINA COATINGS ON AISI 316 L STAINLESS STEEL FOR MEDICAL APPLICATION. International Journal of Modern Physics B, 2009, 23, 1034-1039.	1.0	0
146	FUNCTIONALIZED MWCNTS REINFORCED POLYETEHYLENE FIBER COMPOSITE: MECHANICAL STRENGTH CHARACTERIZATION. International Journal of Modern Physics B, 2009, 23, 1419-1424.	1.0	0
147	Electrical Conductivity and Flexural Strength of Graphite/Carbon Nanotubes/Epoxy Nanocomposites. Key Engineering Materials, 2010, 447-448, 643-647.	0.4	0
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