Kamarudin Hussin

List of Publications by Year
in descending order

190	3,677	186265 28	161849 54
papers	citations	h-index	g-index

190	190	190	2764
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Study on solids-to-liquid and alkaline activator ratios on kaolin-based geopolymers. Construction and Building Materials, 2012, 35, 912-922.	7.2	303
2	Effects of elevated temperatures on the thermal behavior and mechanical performance of fly ash geopolymer paste, mortar and lightweight concrete. Construction and Building Materials, 2014, 50, 377-387.	7.2	278
3	Fly Ash-based Geopolymer Lightweight Concrete Using Foaming Agent. International Journal of Molecular Sciences, 2012, 13, 7186-7198.	4.1	216
4	Photoelectrical properties and the electronic structure of Tl1â^'xIn1â^'xSnxSe2 (x = 0, 0.1, 0.2, 0.25) single crystalline alloys. Physical Chemistry Chemical Physics, 2013, 15, 6965.	2.8	167
5	Linear, non-linear optical susceptibilities and the hyperpolarizability of the mixed crystals Ag0.5Pb1.75Ge(S1â^'xSex)4: experiment and theory. Physical Chemistry Chemical Physics, 2013, 15, 18979.	2.8	150
6	Processing and characterization of calcined kaolin cement powder. Construction and Building Materials, 2012, 30, 794-802.	7.2	146
7	Correlation between pore structure, compressive strength and thermal conductivity of porous metakaolin geopolymer. Construction and Building Materials, 2020, 247, 118641.	7.2	119
8	Formation of one-part-mixing geopolymers and geopolymer ceramics from geopolymer powder. Construction and Building Materials, 2017, 156, 9-18.	7.2	109
9	Optimization of solids-to-liquid and alkali activator ratios of calcined kaolin geopolymeric powder. Construction and Building Materials, 2012, 37, 440-451.	7.2	106
10	Effect of Solids-To-Liquids, Na2SiO3-To-NaOH and Curing Temperature on the Palm Oil Boiler Ash (Si +) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.9	103
11	Thermal Resistance Variations of Fly Ash Geopolymers: Foaming Responses. Scientific Reports, 2017, 7, 45355.	3.3	103
12	Fly Ash Porous Material using Geopolymerization Process for High Temperature Exposure. International Journal of Molecular Sciences, 2012, 13, 4388-4395.	4.1	64
13	Comparison of Geopolymer Fly Ash and Ordinary Portland Cement to the Strength of Concrete. Advanced Science Letters, 2013, 19, 3592-3595.	0.2	58
14	Mechanical, morphological and thermal properties of chitosan filled polypropylene composites: The effect of binary modifying agents. Composites Part A: Applied Science and Manufacturing, 2013, 46, 89-95.	7.6	46
15	Electronic Structure of Quaternary Chalcogenide Ag₂In₂Ge(Si)S₆ Single Crystals and the Influence of Replacing Ge by Si: Experimental X-Ray Photoelectron Spectroscopy and X-Ray Diffraction Studies and Theoretical Calculations. Science of Advanced Materials, 2013, 5, 316-327.	0.7	46
16	Dispersion of linear and non-linear optical susceptibilities for amino acid 2-aminopropanoic CH3CH(NH2)COOH single crystals: experimental and theoretical investigations. Journal of Materials Chemistry, 2011, 21, 17219.	6.7	45
17	Mechanical and thermal properties of chitosanâ€filled polypropylene composites: The effect of acrylic acid. Journal of Vinyl and Additive Technology, 2011, 17, 125-131.	3.4	45
18	Acentric Nonlinear Optical 2,4-Dihydroxyl Hydrazone Isomorphic Crystals with Large Linear, Nonlinear Optical Susceptibilities and Hyperpolarizability. Journal of Physical Chemistry B, 2012, 116, 4677-4683.	2.6	43

#	Article	IF	Citations
19	Strength Development and Elemental Distribution of Dolomite/Fly Ash Geopolymer Composite under Elevated Temperature. Materials, 2020, 13, 1015.	2.9	42
20	Mechanical and Microstructural Evaluations of Lightweight Aggregate Geopolymer Concrete before and after Exposed to Elevated Temperatures. Materials, 2013, 6, 4450-4461.	2.9	41
21	Chemical Modification of Chitosan-Filled Polypropylene (PP) Composites: The Effect of 3-Aminopropyltriethoxysilane on Mechanical and Thermal Properties. International Journal of Polymeric Materials and Polymeric Biomaterials, 2011, 60, 429-440.	3.4	40
22	Linear and Nonlinear Optical Susceptibilities and the Hyperpolarizability of Borate LiBaB₉O₁₅ Single-Crystal: Theory and Experiment. Journal of Physical Chemistry B, 2013, 117, 14141-14150.	2.6	39
23	Influence of Replacing Si by Ge in the Chalcogenide Quaternary Sulfides Ag2In2Si(Ge)S6 on the Chemical Bonding, Linear and Nonlinear Optical Susceptibilities, and Hyperpolarizability. Journal of Physical Chemistry B, 2013, 117, 2545-2553.	2.6	38
24	Optical Spectra and Band Structure of Ag_xGa_xGe_{1â€“x}Se₂ (x = 0.333,) Tj ETQq0 0 0 rgBT /Ov	2.6	36
	15220-15231.		
25	Study on Fly Ash Based Geopolymer for Coating Applications. Advanced Materials Research, 0, 686, 227-233.	0.3	36
26	Bismuth-containing semiconductors: Linear and nonlinear optical susceptibilities of GaAs1â^'xBix alloys. Journal of Alloys and Compounds, 2011, 509, 9685-9691.	5.5	33
27	Dispersion of Linear, Nonlinear Optical Susceptibilities and Hyperpolarizability of C₁₁H₈N₂O (o-Methoxydicyanovinylbenzene) Crystals. Journal of Physical Chemistry B, 2012, 116, 13338-13343.	2.6	31
28	The Effects of Various Concentrations of NaOH on the Inter-Particle Gelation of a Fly Ash Geopolymer Aggregate. Materials, 2021, 14, 1111.	2.9	31
29	Extraction and separation of Cu(II), Ni(II) and Zn(II) by solâ€“gel silica immobilized with Cyanex 272. Hydrometallurgy, 2009, 96, 140-147.	4.3	30
30	Optimization of NaOH Molarity, LUSI Mud/Alkaline Activator, and Na2SiO3/NaOH Ratio to Produce Lightweight Aggregate-Based Geopolymer. International Journal of Molecular Sciences, 2015, 16, 11629-11647.	4.1	30
31	Bismuth in gallium arsenide: Structural and electronic properties of GaAs1â^'xBix alloys. Journal of Solid State Chemistry, 2012, 186, 47-53.	2.9	27
32	Chitosan-filled polypropylene composites: The effect of filler loading and organosolv lignin on mechanical, morphological and thermal properties. Fibers and Polymers, 2014, 15, 800-808.	2.1	27
33	Application of Clay - Based Geopolymer in Brick Production: A Review. Advanced Materials Research, 0, 626, 878-882.	0.3	26
34	The Effect of Various Waste Materialsâ€™ Contents on the Attenuation Level of Anti-Radiation Shielding Concrete. Materials, 2013, 6, 4836-4846.	2.9	26
35	Tensile properties, swelling, and water absorption behavior of riceâ€huskâ€powderâ€filled polypropylene/(recycled acrylonitrileâ€butadiene rubber) composites. Journal of Vinyl and Additive Technology, 2011, 17, 190-197.	3.4	25
36	Absorption and photoconductivity spectra of Ag2GeS3 crystal: Experiment and theory. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 93, 274-279.	3.9	25

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37	Effect Of Crumb Rubber On Compressive Strength Of Fly Ash Based Geopolymer Concrete. MATEC Web of Conferences, 2016, 78, 01063.	0.2	25
38	Wettability, Electrical and Mechanical Properties of 99.3Sn-0.7Cu/Si₃N₄ Novel Lead-Free Nanocomposite Solder. Advanced Materials Research, 0, 277, 106-111.	0.3	23
39	Effect of sodium dodecyl sulfate on mechanical and thermal properties of polypropylene/chitosan composites. Journal of Thermoplastic Composite Materials, 2013, 26, 878-892.	4.2	23
40	Manufacturing of Fire Resistance Geopolymer: A Review. MATEC Web of Conferences, 2016, 78, 01023.	0.2	23
41	Mechanical Properties of Polymer Composites with Sugarcane Bagasse Filler. Advanced Materials Research, 2013, 740, 739-744.	0.3	22
42	X-ray photoelectron spectrum, X-ray diffraction data, and electronic structure of chalcogenide quaternary sulfide Ag2In2GeS6: experiment and theory. Journal of Materials Science, 2013, 48, 1342-1350.	3.7	20
43	Assessment of Physical and Mechanical Properties of Cement Panel Influenced by Treated and Untreated Coconut Fiber Addition. Physics Procedia, 2011, 22, 263-269.	1.2	19
44	Microstructure Study on Optimization of High Strength Fly Ash Based Geopolymer. Advanced Materials Research, 0, 476-478, 2173-2180.	0.3	19
45	Comparison of processing and mechanical properties of polypropylene/recycled acrylonitrile butadiene rubber/rice husk powder composites modified with silane and acetic anhydride compound. Journal of Thermoplastic Composite Materials, 2014, 27, 1651-1666.	4.2	19
46	Effect of Geopolymer Coating on Mild Steel. Solid State Phenomena, 2018, 273, 175-180.	0.3	19
47	Strength of Concrete with Ceramic Waste and Quarry Dust as Aggregates. Applied Mechanics and Materials, 0, 421, 390-394.	0.2	18
48	A Review of Fly Ash-Based Geopolymer Lightweight Bricks. Applied Mechanics and Materials, 0, 754-755, 452-456.	0.2	18
49	Study on the Properties of Oil Palm Trunk Fiber (OPTF) in Cement Composite. Applied Mechanics and Materials, 0, 421, 395-400.	0.2	17
50	Potential of Geopolymer Mortar as Concrete Repairing Materials. Materials Science Forum, 0, 857, 382-387.	0.3	17
51	Structural properties and bonding nature of 3-methyl-4-phenyl-5-(2-pyridyl)-1,2,4-triazole single crystal. Materials Chemistry and Physics, 2011, 130, 458-465.	4.0	16
52	Structural, electronic properties and charge density distribution of the LiNaB4O7: Theory and experiment. Materials Chemistry and Physics, 2012, 137, 346-352.	4.0	16
53	Strength of Concrete Based Cement Using Recycle Ceramic Waste as Aggregate. Advanced Materials Research, 2013, 740, 734-738.	0.3	16
54	A Review on Mechanical Properties of Geopolymer Composites for High Temperature Application. Key Engineering Materials, 0, 660, 34-38.	0.4	16

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55	Electronic structure, chemical bonding features, and electron charge density of the double-cubane single crystal [Sb7S8Br2](AlCl4)3. Applied Physics Letters, 2011, 98, 201903.	3.3	15
56	Review of Soil Stabilization Techniques: Geopolymerization Method one of the New Technique. Key Engineering Materials, 0, 660, 298-304.	0.4	15
57	Synthesis of sol-gel silica chemically bonded with cyanex 272 for the removal of Cu(II), Ni(II), and Zn(II). Journal of Materials Science, 2009, 44, 2628-2636.	3.7	14
58	Second Harmonic Generation and Hyperpolarizabilities of the Double-Cubane Compound [Sb₇S₈Br₂](AlCl₄)₃: Chalcogenide in Ionic Liquids. Journal of Physical Chemistry B, 2011, 115, 11763-11769.	2.6	14
59	Theoretical investigation for Li2CuSb as multifunctional materials: Electrode for high capacity rechargeable batteries and novel materials for second harmonic generation. Journal of Alloys and Compounds, 2011, 509, 7861-7869.	5.5	14
60	Effects of Acetic Anhydride on the Properties of Polypropylene(PP)/Recycled Acrylonitrile Butadiene(NBRr)/Rice Husk Powder(RHP) Composites. Polymer-Plastics Technology and Engineering, 2012, 51, 1505-1512.	1.9	14
61	Review of Geopolymer Materials for Thermal Insulating Applications. Key Engineering Materials, 2015, 660, 17-22.	0.4	14
62	Interrelationship of Kaolin, Alkaline Liquid Ratio and Strength of Kaolin Geopolymer. IOP Conference Series: Materials Science and Engineering, 2016, 133, 012004.	0.6	14
63	Characterization and Microstructure of Kaolin-Based Ceramic Using Geopolymerization. Key Engineering Materials, 0, 700, 3-11.	0.4	14
64	A Review on Fly Ash Based Geopolymer Rubberized Concrete. Key Engineering Materials, 0, 700, 183-196.	0.4	14
65	Geopolymer lightweight bricks manufactured from fly ash and foaming agent. AIP Conference Proceedings, 2017, , .	0.4	14
66	Manufacturing parameters influencing fire resistance of geopolymers: A review. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2019, 233, 721-733.	1.1	14
67	Strength and Microstructural Properties of Mechanically-Activated Kaolin Geopolymers. Advanced Materials Research, 2012, 626, 926-930.	0.3	13
68	Fire Resistant Properties of Geopolymers: A Review. Key Engineering Materials, 0, 660, 39-43.	0.4	13
69	Curing Behavior on Kaolin-Based Geopolymers. Advanced Materials Research, 0, 548, 42-47.	0.3	12
70	Fly Ash Based Lightweight Geopolymer Concrete Using Foaming Agent Technology. Applied Mechanics and Materials, 0, 679, 20-24.	0.2	12
71	The Electrical Resistivity of Geopolymer Paste by Using Wenner Four Probe Method. Key Engineering Materials, 0, 660, 28-33.	0.4	12
72	Crystallochemical affinity and optical functions of ZrGa2 and ZrGa3 compounds. Journal of Alloys and Compounds, 2013, 546, 14-19.	5.5	11

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73	Development of Fly Ash-Based Geopolymer Lightweight Bricks Using Foaming Agent - A Review. Key Engineering Materials, 2015, 660, 9-16.	0.4	11
74	Alteration in the Microstructure of Fly Ash Geopolymers upon Exposure to Elevated Temperatures. Advanced Materials Research, 0, 795, 201-205.	0.3	10
75	Effect of NaOH Concentration on Flexural Strength, Phase Formation and Microstructural Development of Kaolin Geopolymer Ceramic. Materials Science Forum, 0, 857, 405-411.	0.3	10
76	Characterisation and understanding of Portland cement mortar with different sizes of bottom ash. Advances in Cement Research, 2018, 30, 66-74.	1.6	10
77	Amino acid 2-aminopropanoic CH3CH(NH2)COOH crystals: materials for photo- and acoustoinduced optoelectronic applications. Journal of Materials Science: Materials in Electronics, 2012, 23, 1922-1931.	2.2	9
78	Single-crystal oxoborate (Pb3O)2(BO3)2WO4: Growth and characterization. Materials Research Bulletin, 2012, 47, 2552-2560.	5.2	9
79	Electronic and optical features of the mixed crystals Ag0.5Pb1.75Ge(S1â€“xSex)4. Journal of Materials Chemistry C, 2013, 1, 4667.	5.5	9
80	NaAuS chicken-wire-like semiconductor: Electronic structure and optical properties. Journal of Alloys and Compounds, 2014, 582, 6-11.	5.5	9
81	Density functional study of electronic, charge density, and chemical bonding properties of 9-methyl-3-Thiophen-2-Yl-Thieno [3,2-e] [1, 2, 4] Thriazolo [4,3-c] pyrimidine-8-Carboxylic acid ethyl ester crystals. Journal of Magnetism and Magnetic Materials, 2014, 361, 206-211.	2.3	9
82	Effect of Mixing Technique on Epoxy Resin Nanocomposites Filled Fly Ash Based Geopolymer to Compressive Properties. Key Engineering Materials, 2016, 673, 55-63.	0.4	9
83	Mechanical and thermal properties of organosolv lignin/sodium dodecyl sulphate binary agent-treated polypropylene/chitosan composites. Polymer Bulletin, 2016, 73, 1427-1445.	3.3	9
84	Electronic band structure and optical properties of titanium oxyphosphates Li0.50Co0.25TiO(PO4) single crystals: An ab-initio calculations. Journal of Solid State Chemistry, 2011, 184, 2131-2138.	2.9	8
85	Characterization of LUSI Mud Volcano as Geopolymer Raw Material. Advanced Materials Research, 0, 548, 82-86.	0.3	8
86	Epoxy Layered Silicates with Fly Ash-Based Geopolymer: Flexural Properties. Materials Science Forum, 2015, 819, 290-294.	0.3	8
87	New Concrete with Recycled Aggregates from Leftover Concrete. Applied Mechanics and Materials, 0, 754-755, 389-394.	0.2	8
88	Effect of Microwave Curing to the Compressive Strength of Fly Ash Based Geopolymer Mortar. Materials Science Forum, 0, 841, 193-199.	0.3	8
89	Preparation and evaluation of Al2O3 plastic forming feedstock with partially water soluble polymer as a binder. Journal of Materials Processing Technology, 2003, 137, 128-131.	6.3	7
90	Selective extraction, separation and recovery of Cu(II) in presence of Zn(II) and Ni(II) from leach liquor of waste printed circuit board using microcapsules coated with Cyanex 272. Korean Journal of Chemical Engineering, 2012, 29, 668-675.	2.7	7

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91	Band structure, density of states, and crystal chemistry of ZrGa2 and ZrGa3 single crystals. Journal of Alloys and Compounds, 2013, 556, 259-265.	5.5	7
92	Microstructure and Interface Analysis of Glass Particulate Reinforced Aluminum Matrix Composite. Advanced Materials Research, 0, 795, 578-581.	0.3	7
93	The Strength of Bottom Ash-Based Geopolymer Brick with Inclusion of Fly Ash. Materials Science Forum, 2016, 841, 26-29.	0.3	7
94	Role of Sintering Temperature in Production of Nepheline Ceramics-Based Geopolymer with Addition of Ultra-High Molecular Weight Polyethylene. Materials, 2021, 14, 1077.	2.9	7
95	Effectiveness Evaluation of Safe City Programme in Relation to the Tourism Industry. Procedia Engineering, 2011, 20, 407-414.	1.2	6
96	Effect of Curing Regimes on Metakaolin Geopolymer Pastes Produced from Geopolymer Powder. Advanced Materials Research, 0, 626, 931-936.	0.3	6
97	Electronic structure and magneto-optic Kerr effect in ferromagnetic titanium oxyphosphates Li0.50Co0.25TiO(PO4): An ab-initio study. Journal of Alloys and Compounds, 2012, 527, 233-239.	5.5	6
98	Corrosion Performance of Reinforcement Bar in Geopolymer Concrete Compare with its Performance in Ordinary Portland Cement Concrete: A Short Review. Advanced Materials Research, 0, 795, 509-512.	0.3	6
99	Replacement of Lead by Green Tungsten-Brass Composites as a Radiation Shielding Material. Applied Mechanics and Materials, 0, 679, 39-44.	0.2	6
100	A Review on Processing and Properties of Bottom Ash Based Geopolymer Materials. Key Engineering Materials, 0, 660, 3-8.	0.4	5
101	Epoxy Hardener Filled with Geopolymer Materials for Piping Application: Flexural Properties. Key Engineering Materials, 2015, 660, 44-48.	0.4	5
102	Morphology and Properties of Geopolymer Coatings on Glass Fibre-Reinforced Epoxy (GRE) pipe. MATEC Web of Conferences, 2016, 78, 01069.	0.2	5
103	Mechanical Performances of Fly Ash Geopolymer Bricks. Advanced Science Letters, 2013, 19, 186-189.	0.2	5
104	CHEMICALLY CHITOSAN MODIFIED WITH METHYL METHACRYLATE AND ITS EFFECT ON MECHANICAL AND THERMAL PROPERTIES OF POLYPROPYLENE COMPOSITES. Indonesian Journal of Chemistry, 2013, 13, 114-121.	0.8	5
105	Lightweight Fly Ash-Based Geopolymer Concrete. Advanced Materials Research, 2012, 626, 781-785.	0.3	4
106	Reviews on the Properties of Aggregates Made with or without Geopolymerisation Method. Advanced Materials Research, 2012, 626, 892-895.	0.3	4
107	Effect of Fly Ash/Alkaline Activator Ratio and Sodium Silicate/NaOH Ratio on Fly Ash Geopolymer Coating Strength. Key Engineering Materials, 0, 594-595, 146-150.	0.4	4
108	A study on hardness behavior of geopolymer paste in different condition. AIP Conference Proceedings, 2016, , .	0.4	4

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109	Performances of Artificial Lightweight Geopolymer Aggregate (ALGA) in OPC Concrete. Key Engineering Materials, 0, 673, 29-35.	0.4	4
110	Study on Refractory Materials Application Using Geopolymer Processing. Advanced Science Letters, 2013, 19, 221-223.	0.2	4
111	A Study on the Synthesis of Fly Ash-Based Lightweight Aggregate Geopolymer Concrete. Advanced Science Letters, 2013, 19, 282-285.	0.2	4
112	Potential of Marine Clay as Raw Material in Geopolymer Composite. Advanced Materials Research, 2012, 626, 963-966.	0.3	3
113	Characterization of Porous Aluminum Fabricated via Sintering-Dissolution Process (SDP). Advanced Materials Research, 2013, 795, 102-105.	0.3	3
114	The Properties of Linear Low Density Polyethylene/Cyperus Odoratus (LLDPE/CY) Blends: Effect of Sodium Hydroxide. Applied Mechanics and Materials, 0, 815, 69-73.	0.2	3
115	Effect of Solid/Liquid Ratio on Mechanical Properties of Kaolin Coated Teak Wood via Geopolymer Technology. Applied Mechanics and Materials, 0, 754-755, 708-713.	0.2	3
116	Mechanical Properties of Artificial Lightweight Geopolymer Aggregate (ALGA) Concreteusing Volcano Mud with Various Sintering Temperature. Applied Mechanics and Materials, 0, 754-755, 279-283.	0.2	3
117	Effect of Solution Treatment Temperature on Tensile Strength of Al-Mg-Si Alloy. Materials Science Forum, 2015, 819, 39-44.	0.3	3
118	Joining Dissimilar Metals between Steel and Aluminum by TIG Welding. Materials Science Forum, 0, 819, 45-49.	0.3	3
119	Adhesion Study of Kaolin and White Clay as Source Materials on Non-Metallic Substrate in Geopolymer Coating. Materials Science Forum, 0, 841, 55-58.	0.3	3
120	Density and morphology studies on bottom ash and fly ash geopolymer brick. AIP Conference Proceedings, 2017, , .	0.4	3
121	Effect of Palm Slag Filler Size on the Mechanical and Wear Properties of Brake Pad Composites. Advanced Science Letters, 2013, 19, 118-122.	0.2	3
122	Comparative Study of ClinkerÃ¢â‚¬â„¢s Transformation at Different Temperature Zone During Cement Production. American Journal of Applied Sciences, 2007, 4, 328-332.	0.2	3
123	Comparative Characterization of ClinkerÃ¢â‚¬â„¢s Microstructure at Different Temperature Zone during Cement Production. American Journal of Applied Sciences, 2007, 4, 543-546.	0.2	2
124	The Effects of Electromigration to the Solder Joint Formation: A Comparison Between 99.3Sn-0.7Cu and 96.5Sn-3.0Ag-0.5Cu Lead Free Solder. Advanced Materials Research, 0, 622-623, 195-199.	0.3	2
125	Study of Concrete Using Modified Polystyrene Coarse Aggregate. Advanced Materials Research, 0, 740, 502-506.	0.3	2
126	Mechanical Properties of ZTA Composite Using Cold Isostatic Pressing and Uniaxial Pressing. Advanced Materials Research, 2013, 740, 728-733.	0.3	2

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127	Glass formation and the third harmonic generation of Cu2Seâ€“GeSe2â€“As2Se3 glasses. Journal of Applied Physics, 2014, 116, 143102.	2.5	2
128	Properties of High Density Polyethylene (HDPE)/Recycled Acrylonitrile Butadiene Rubber (NBRr)/Banana Skin Powder (BSP) Composites: Oven Ageing. Applied Mechanics and Materials, 0, 754-755, 197-200.	0.2	2
129	A Review â€“ Manufacturing on Rubberized Concrete Filled Recycled Tire Rubber. Key Engineering Materials, 2015, 660, 249-253.	0.4	2
130	The Effect of Solid-to-Liquid Ratio and Temperature on Mechanical Properties of Kaolin Geopolymer Ceramics. Key Engineering Materials, 0, 660, 23-27.	0.4	2
131	Adhesiveness of Kaolin Based Coating Material on Lumber Wood. Key Engineering Materials, 0, 673, 47-54.	0.4	2
132	Tin (Sn) Recovery from Wave Soldering Lead Free Solder Dross via Hydrochloric Acid Leaching and Combustion Treatment. Materials Science Forum, 2016, 857, 535-539.	0.3	2
133	Review on Different Types of Geopolymer Concrete Fibres. Materials Science Forum, 0, 857, 388-394.	0.3	2
134	Effect of Ultra High Molecular Weight Polyethylene (UHMWPE) as Binder and Sintering Temperature in Kaolin Geopolymer Ceramics on Flexural Strength. Materials Science Forum, 0, 857, 412-415.	0.3	2
135	Assessment to the Solid to Liquid Ratios on the Soil Strength and Water Absorption of the Kedahâ€™s Soil. Materials Science Forum, 0, 841, 59-64.	0.3	2
136	Correlation between hardness and water absorption properties of Saudi kaolin and white clay geopolymer coating. AIP Conference Proceedings, 2017, , .	0.4	2
137	Mechanical properties effect on molarity of epoxy hardener filled with geopolymer materials for piping application: Flexural properties. AIP Conference Proceedings, 2017, , .	0.4	2
138	Study on quality improvement of palm trunk by thermoplastic impregnation. AIP Conference Proceedings, 2017, , .	0.4	2
139	Aggregate impact value (AIV) of fly ash geopolymer artificial aggregate at different sodium hydroxide (NaOH) concentration. AIP Conference Proceedings, 2020, , .	0.4	2
140	Influence of Oxide Molar Ratios on Kaolin Geopolymers. Advanced Science Letters, 2013, 19, 3588-3591.	0.2	2
141	Microstructural Study of Al-Si-Mg Alloy Reinforced with Stainless Steel Wires Composite via Casting Technique. American Journal of Applied Sciences, 2008, 5, 721-725.	0.2	2
142	Calcined Kaolin Geopolymeric Powder: Influence of Water-to-Geopolymeric Powder Ratio. Advanced Materials Research, 2012, 548, 48-53.	0.3	1
143	Wettability and interfacial phenomena investigations on highâ€density polyethylene and petroleum coke. Journal of Applied Polymer Science, 2012, 125, 2056-2062.	2.6	1
144	Influence of different exchange correlation potentials on band structure and optical constant calculations of ZrGa2 and ZrGe2 single crystals. Computational Materials Science, 2013, 78, 134-139.	3.0	1

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145	Effect of Space Holder and Compaction Pressure on the Porosity of Sintered Copper. Advanced Materials Research, 0, 795, 82-86.	0.3	1
146	Effect of Spot Welding Current and Cycles on the Mechanical Properties of Welded Galvanized Steel Sheets. Advanced Materials Research, 2013, 795, 87-90.	0.3	1
147	Bond Strength Comparison between Silicon and Glass Based Surface Using Anodic Bonding. Applied Mechanics and Materials, 2014, 680, 89-92.	0.2	1
148	Contact Angle Analysis on Glass Based Surface. Applied Mechanics and Materials, 0, 680, 93-96.	0.2	1
149	Infant Pain Detection with Homomorphic Filter and Fuzzy k-NN Classifier. Applied Mechanics and Materials, 0, 643, 183-189.	0.2	1
150	Single Scale Retinex for Infant Pain Recognition. Applied Mechanics and Materials, 2014, 643, 218-223.	0.2	1
151	Synthesis of Alum from Discarded Aluminium Beverage Cans. Key Engineering Materials, 0, 660, 284-288.	0.4	1
152	Assessment of retrogression and re-aging treatment on microstructural and mechanical properties of Al-Zn-Mg-Cu P/M alloy. AIP Conference Proceedings, 2015, , .	0.4	1
153	Kaolin-Based Geopolymer Filled Epoxy-Layered Silicates: Compressive Properties. Applied Mechanics and Materials, 2015, 754-755, 220-224.	0.2	1
154	Compressive Properties of White Clay Based Geopolymer Filled Epoxy Composite. Materials Science Forum, 2016, 841, 30-33.	0.3	1
155	Effect of different sintering temperature on fly ash based geopolymer artificial aggregate. AIP Conference Proceedings, 2017, , .	0.4	1
156	Thermal Resistance of Fly Ash Geopolymers with Alumina as Additive. Solid State Phenomena, 0, 281, 182-188.	0.3	1
157	The Mechanical Properties and Thermal Resistance of Fly Ash Geopolymer Foams. Solid State Phenomena, 2018, 281, 175-181.	0.3	1
158	General Properties of Kaolin Geopolymers. Advanced Science Letters, 2013, 19, 153-156.	0.2	1
159	Correlating Composition Design and Properties of Calcined Kaolin Geopolymeric Powder. Advanced Science Letters, 2013, 19, 3671-3674.	0.2	1
160	Message from Vice Chancellor. , 2008, , .		0
161	Characterizations on the Effect of Processing of Polymers Blend with Petroleum Coke (Part I). Advanced Materials Research, 2013, 795, 644-648.	0.3	0
162	Malaysian Foxtail Grass - A Potential Source of Natural/Agro Fibre for Polymer Composite Panel. Advanced Materials Research, 2013, 740, 507-510.	0.3	0

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163	Compaction Optimization of Sn-Cu-Si₃N₄ via Powder Metallurgy Route for Composite Solder Fabrication. Applied Mechanics and Materials, 2013, 421, 267-271.	0.2	0
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