

Kamarudin Hussin

List of Publications by Year in descending order

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papers

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2764
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effects of Various Concentrations of NaOH on the Inter-Particle Gelation of a Fly Ash Geopolymer Aggregate. <i>Materials</i> , 2021, 14, 1111.	2.9	31
2	Role of Sintering Temperature in Production of Nepheline Ceramics-Based Geopolymer with Addition of Ultra-High Molecular Weight Polyethylene. <i>Materials</i> , 2021, 14, 1077.	2.9	7
3	Technological Properties of Fly Ash-Based Lightweight Geopolymer Brick. <i>Lecture Notes in Civil Engineering</i> , 2021, , 25-50.	0.4	0
4	Aggregate impact value (AIV) of fly ash geopolymer artificial aggregate at different sodium hydroxide (NaOH) concentration. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	2
5	Correlation between pore structure, compressive strength and thermal conductivity of porous metakaolin geopolymer. <i>Construction and Building Materials</i> , 2020, 247, 118641.	7.2	119
6	Strength Development and Elemental Distribution of Dolomite/Fly Ash Geopolymer Composite under Elevated Temperature. <i>Materials</i> , 2020, 13, 1015.	2.9	42
7	Compressive strength and thermal conductivity of metakaolin geopolymers with anisotropic insulations. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 743, 012005.	0.6	0
8	Exploration on fly ash waste as global construction materials for dynamics marketability. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	0
9	Manufacturing parameters influencing fire resistance of geopolymers: A review. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2019, 233, 721-733.	1.1	14
10	Characterisation and understanding of Portland cement mortar with different sizes of bottom ash. <i>Advances in Cement Research</i> , 2018, 30, 66-74.	1.6	10
11	The Mechanical Properties and Thermal Resistance of Fly Ash Geopolymer Foams. <i>Solid State Phenomena</i> , 2018, 281, 175-181.	0.3	1
12	Effect of Geopolymer Coating on Mild Steel. <i>Solid State Phenomena</i> , 2018, 273, 175-180.	0.3	19
13	Thermal Resistance Variations of Fly Ash Geopolymers: Foaming Responses. <i>Scientific Reports</i> , 2017, 7, 45355.	3.3	103
14	Effect of different sintering temperature on fly ash based geopolymer artificial aggregate. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	1
15	Formation of cement mortar with incineration municipal solid waste bottom ash. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0
16	Density and morphology studies on bottom ash and fly ash geopolymer brick. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	3
17	Correlation between hardness and water absorption properties of Saudi kaolin and white clay geopolymer coating. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	2
18	Mechanical properties of geopolymer lightweight brick with styrofoam pellet. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0

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19	Mechanical properties effect on molarity of epoxy hardener filled with geopolymer materials for piping application: Flexural properties. AIP Conference Proceedings, 2017, , .	0.4	2
20	Effect of organo-montmorillonite addition on compressive properties of epoxy (DGEBA) using isophorondiamine as curing agent. AIP Conference Proceedings, 2017, , .	0.4	0
21	Geopolymer lightweight bricks manufactured from fly ash and foaming agent. AIP Conference Proceedings, 2017, , .	0.4	14
22	Study on quality improvement of palm trunk by thermoplastic impregnation. AIP Conference Proceedings, 2017, , .	0.4	2
23	Formation of one-part-mixing geopolymers and geopolymer ceramics from geopolymer powder. Construction and Building Materials, 2017, 156, 9-18.	7.2	109
24	Nanoporous Alumina Fabrication: A Short Review. Nanoscience and Nanotechnology - Asia, 2017, 7, .	0.7	0
25	A study on hardness behavior of geopolymer paste in different condition. AIP Conference Proceedings, 2016, , .	0.4	4
26	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
27	Interrelationship of Kaolin, Alkaline Liquid Ratio and Strength of Kaolin Geopolymer. IOP Conference Series: Materials Science and Engineering, 2016, 133, 012004.	0.6	14
28	Manufacturing of Fire Resistance Geopolymer: A Review. MATEC Web of Conferences, 2016, 78, 01023.	0.2	23
29	Effect Of Crumb Rubber On Compressive Strength Of Fly Ash Based Geopolymer Concrete. MATEC Web of Conferences, 2016, 78, 01063.	0.2	25
30	The Effects of Trans-Polyoctylene Rubber (TOR) on the Cure Characteristics and Swelling Behaviour of Activated Carbon Filled Styrene Butadiene Rubber (SBR) Vulcanizates. Materials Science Forum, 2016, 857, 164-168.	0.3	0
31	Morphology and Properties of Geopolymer Coatings on Glass Fibre-Reinforced Epoxy (GRE) pipe. MATEC Web of Conferences, 2016, 78, 01069.	0.2	5
32	Strength of Portland Cement with Several Composition of Bottom Ash in Different Fineness with Curing Time of 28 Days. Materials Science Forum, 2016, 857, 311-313.	0.3	0
33	Compressive Properties of White Clay Based Geopolymer Filled Epoxy Composite. Materials Science Forum, 2016, 841, 30-33.	0.3	1
34	Optical Data Support on Flexural Strength of Kaolin Coated Lumber Wood via Geopolymer Technology. Materials Science Forum, 2016, 857, 431-436.	0.3	0
35	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
36	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

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37	The Strength of Bottom Ash-Based Geopolymer Brick with Inclusion of Fly Ash. Materials Science Forum, 2016, 841, 26-29.	0.3	7
38	A Review of Manufacturing on Rubberized Concrete Filled Recycled Tire Rubber. Key Engineering Materials, 2015, 660, 249-253.	0.4	2
39	Influence cobalt on microstructural and hardness property of Al-Zn-Mg-Cu-Fe-Cr-Ni P/ M alloys. AIP Conference Proceedings, 2015, , .	0.4	0
40	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
41	Review of Geopolymer Materials for Thermal Insulating Applications. Key Engineering Materials, 2015, 660, 17-22.	0.4	14
42	Effect of Solids-To-Liquids, Na ₂ SiO ₃ -To-NaOH and Curing Temperature on the Palm Oil Boiler Ash (Si +) Tj ETQq0 0.0 rgBT /Overlock 10	2.98	103
43	Epoxy Layered Silicates with Fly Ash-Based Geopolymer: Flexural Properties. Materials Science Forum, 2015, 819, 290-294.	0.3	8
44	Optimization of NaOH Molarity, LUSI Mud/Alkaline Activator, and Na ₂ SiO ₃ /NaOH Ratio to Produce Lightweight Aggregate-Based Geopolymer. International Journal of Molecular Sciences, 2015, 16, 11629-11647.	4.1	30
45	Effect of Solution Treatment Temperature on Tensile Strength of Al-Mg-Si Alloy. Materials Science Forum, 2015, 819, 39-44.	0.3	3
46	Development of Fly Ash-Based Geopolymer Lightweight Bricks Using Foaming Agent - A Review. Key Engineering Materials, 2015, 660, 9-16.	0.4	11
47	Epoxy Hardener Filled with Geopolymer Materials for Piping Application: Flexural Properties. Key Engineering Materials, 2015, 660, 44-48.	0.4	5
48	Kaolin-Based Geopolymer Filled Epoxy-Layered Silicates: Compressive Properties. Applied Mechanics and Materials, 2015, 754-755, 220-224.	0.2	1
49	Bond Strength Comparison between Silicon and Glass Based Surface Using Anodic Bonding. Applied Mechanics and Materials, 2014, 680, 89-92.	0.2	1
50	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
51	Effects of Lightweight Aggregate Size and Grading on the Residual Strength of Lightweight Geopolymer Concrete Exposed to Elevated Temperature. Materials Science Forum, 2014, 803, 3-10.	0.3	0
52	Infant Pain Recognition with Homomorphic Filter and k-NN Classifier. Advanced Materials Research, 2014, 1016, 807-813.	0.3	0
53	Hydrophilicity Characterization on Cleaned Bonded Silicon Based Surface. Applied Mechanics and Materials, 2014, 680, 127-130.	0.2	0
54	Single Scale Retinex for Infant Pain Recognition. Applied Mechanics and Materials, 2014, 643, 218-223.	0.2	1

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55	NaAuS chicken-wire-like semiconductor: Electronic structure and optical properties. Journal of Alloys and Compounds, 2014, 582, 6-11.	5.5	9
56	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
57	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] Thiazolo [4,3-c] pyrimidine-8-Carboxylic acid ethyl ester crystals. Journal of Magnetism and Magnetic Materials, 2014, 361, 206-211.	2.3	9
58	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
59	Glass formation and the third harmonic generation of Cu ₂ Se-GeSe ₂ -As ₂ Se ₃ glasses. Journal of Applied Physics, 2014, 116, 143102.	2.5	2
60	Influence of different exchange correlation potentials on band structure and optical constant calculations of ZrGa ₂ and ZrGe ₂ single crystals. Computational Materials Science, 2013, 78, 134-139.	3.0	1
61	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
62	Electronic and optical features of the mixed crystals Ag _{0.5} Pb _{1.75} Ge(S _{1-x} Se _x) ₄ . Journal of Materials Chemistry C, 2013, 1, 4667.	5.5	9
63	Optical Spectra and Band Structure of Ag _x Ga _x Ge _{1-x} Se ₂ (x = 0.333). $T_{\text{J}} \text{E} \text{T} \text{Q} \text{q} 1 1 0, 78431$ 15220-15231.	2.6	36
64	Linear, non-linear optical susceptibilities and the hyperpolarizability of the mixed crystals Ag _{0.5} Pb _{1.75} Ge(S _{1-x} Se _x) ₄ : experiment and theory. Physical Chemistry Chemical Physics, 2013, 15, 18979.	2.8	150
65	Crystallochemical affinity and optical functions of ZrGa ₂ and ZrGa ₃ compounds. Journal of Alloys and Compounds, 2013, 546, 14-19.	5.5	11
66	X-ray photoelectron spectrum, X-ray diffraction data, and electronic structure of chalcogenide quaternary sulfide Ag ₂ In ₂ GeS ₆ : experiment and theory. Journal of Materials Science, 2013, 48, 1342-1350.	3.7	20
67	Influence of Replacing Si by Ge in the Chalcogenide Quaternary Sulfides Ag ₂ In ₂ Si(Ge) ₆ on the Chemical Bonding, Linear and Nonlinear Optical Susceptibilities, and Hyperpolarizability. Journal of Physical Chemistry B, 2013, 117, 2545-2553.	2.6	38
68	Band structure, density of states, and crystal chemistry of ZrGa ₂ and ZrGa ₃ single crystals. Journal of Alloys and Compounds, 2013, 556, 259-265.	5.5	7
69	Photoelectrical properties and the electronic structure of Tl _{1-x} In _{1-x} S _n Se ₂ (x = 0, 0.1, 0.2, 0.25) single crystalline alloys. Physical Chemistry Chemical Physics, 2013, 15, 6965.	2.8	167
70	Mechanical Properties of Polymer Composites with Sugarcane Bagasse Filler. Advanced Materials Research, 2013, 740, 739-744.	0.3	22
71	Linear and Nonlinear Optical Susceptibilities and the Hyperpolarizability of Borate LiBaB ₉ O ₁₅ Single-Crystal: Theory and Experiment. Journal of Physical Chemistry B, 2013, 117, 14141-14150.	2.6	39
72	Characterizations on the Effect of Processing of Polymers Blend with Petroleum Coke (Part I). Advanced Materials Research, 2013, 795, 644-648.	0.3	0

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73	Malaysian Foxtail Grass - A Potential Source of Natural/Agro Fibre for Polymer Composite Panel. <i>Advanced Materials Research</i> , 2013, 740, 507-510.	0.3	0
74	Compaction Optimization of Sn-Cu-Si ₃ N ₄ via Powder Metallurgy Route for Composite Solder Fabrication. <i>Applied Mechanics and Materials</i> , 2013, 421, 267-271.	0.2	0
75	The Effect of Various Waste Materials TM Contents on the Attenuation Level of Anti-Radiation Shielding Concrete. <i>Materials</i> , 2013, 6, 4836-4846.	2.9	26
76	Strength of Concrete Based Cement Using Recycle Ceramic Waste as Aggregate. <i>Advanced Materials Research</i> , 2013, 740, 734-738.	0.3	16
77	Effect of sodium dodecyl sulfate on mechanical and thermal properties of polypropylene/chitosan composites. <i>Journal of Thermoplastic Composite Materials</i> , 2013, 26, 878-892.	4.2	23
78	Characterization of Porous Aluminum Fabricated via Sintering-Dissolution Process (SDP). <i>Advanced Materials Research</i> , 2013, 795, 102-105.	0.3	3
79	Mechanical and Microstructural Evaluations of Lightweight Aggregate Geopolymer Concrete before and after Exposed to Elevated Temperatures. <i>Materials</i> , 2013, 6, 4450-4461.	2.9	41
80	Effect of Spot Welding Current and Cycles on the Mechanical Properties of Welded Galvanized Steel Sheets. <i>Advanced Materials Research</i> , 2013, 795, 87-90.	0.3	1
81	Mechanical Properties of ZTA Composite Using Cold Isostatic Pressing and Uniaxial Pressing. <i>Advanced Materials Research</i> , 2013, 740, 728-733.	0.3	2
82	Electronic Structure of Quaternary Chalcogenide Ag ₂ In ₂ Ge(Si) ₆ Single Crystals and the Influence of Replacing Ge by Si: Experimental X-Ray Photoelectron Spectroscopy and X-Ray Diffraction Studies and Theoretical Calculations. <i>Science of Advanced Materials</i> , 2013, 5, 316-327.	0.7	46
83	Study on Refractory Materials Application Using Geopolymer Processing. <i>Advanced Science Letters</i> , 2013, 19, 221-223.	0.2	4
84	Mechanical Performances of Fly Ash Geopolymer Bricks. <i>Advanced Science Letters</i> , 2013, 19, 186-189.	0.2	5
85	Effect of Palm Slag Filler Size on the Mechanical and Wear Properties of Brake Pad Composites. <i>Advanced Science Letters</i> , 2013, 19, 118-122.	0.2	3
86	A Study on the Synthesis of Fly Ash-Based Lightweight Aggregate Geopolymer Concrete. <i>Advanced Science Letters</i> , 2013, 19, 282-285.	0.2	4
87	Influence of Oxide Molar Ratios on Kaolin Geopolymers. <i>Advanced Science Letters</i> , 2013, 19, 3588-3591.	0.2	2
88	Comparison of Geopolymer Fly Ash and Ordinary Portland Cement to the Strength of Concrete. <i>Advanced Science Letters</i> , 2013, 19, 3592-3595.	0.2	58
89	CHEMICALLY CHITOSAN MODIFIED WITH METHYL METHACRYLATE AND ITS EFFECT ON MECHANICAL AND THERMAL PROPERTIES OF POLYPROPYLENE COMPOSITES. <i>Indonesian Journal of Chemistry</i> , 2013, 13, 114-121.	0.8	5
90	General Properties of Kaolin Geopolymers. <i>Advanced Science Letters</i> , 2013, 19, 153-156.	0.2	1

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91	Comparison of Original and Sintered LUSI Mud from East Java, Indonesia as Raw Material for Making a Geopolymer. <i>Advanced Science Letters</i> , 2013, 19, 174-178.	0.2	0
92	Review of the Characterization and Processing of Palm Ash as a Geopolymer Composite. <i>Advanced Science Letters</i> , 2013, 19, 306-308.	0.2	0
93	Properties of Metakaolin Geopolymeric Binder. <i>Advanced Science Letters</i> , 2013, 19, 157-161.	0.2	0
94	Correlating Composition Design and Properties of Calcined Kaolin Geopolymeric Powder. <i>Advanced Science Letters</i> , 2013, 19, 3671-3674.	0.2	1
95	Fly Ash Porous Material using Geopolymerization Process for High Temperature Exposure. <i>International Journal of Molecular Sciences</i> , 2012, 13, 4388-4395.	4.1	64
96	Strength and Microstructural Properties of Mechanically-Activated Kaolin Geopolymers. <i>Advanced Materials Research</i> , 2012, 626, 926-930.	0.3	13
97	Fly Ash-based Geopolymer Lightweight Concrete Using Foaming Agent. <i>International Journal of Molecular Sciences</i> , 2012, 13, 7186-7198.	4.1	216
98	Lightweight Fly Ash-Based Geopolymer Concrete. <i>Advanced Materials Research</i> , 2012, 626, 781-785.	0.3	4
99	Potential of Marine Clay as Raw Material in Geopolymer Composite. <i>Advanced Materials Research</i> , 2012, 626, 963-966.	0.3	3
100	Reviews on the Properties of Aggregates Made with or without Geopolymerisation Method. <i>Advanced Materials Research</i> , 2012, 626, 892-895.	0.3	4
101	Calcined Kaolin Geopolymeric Powder: Influence of Water-to-Geopolymeric Powder Ratio. <i>Advanced Materials Research</i> , 2012, 548, 48-53.	0.3	1
102	Effects of Acetic Anhydride on the Properties of Polypropylene(PP)/Recycled Acrylonitrile Butadiene(NBRr)/Rice Husk Powder(RHP) Composites. <i>Polymer-Plastics Technology and Engineering</i> , 2012, 51, 1505-1512.	1.9	14
103	Amino acid 2-aminopropanoic CH ₃ CH(NH ₂)COOH crystals: materials for photo- and acoustoinduced optoelectronic applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2012, 23, 1922-1931.	2.2	9
104	Dispersion of Linear, Nonlinear Optical Susceptibilities and Hyperpolarizability of C ₁₁ H ₈ N ₂ O (<i>o</i> -Methoxydicyanovinylbenzene) Crystals. <i>Journal of Physical Chemistry B</i> , 2012, 116, 13338-13343.	2.6	31
105	Electronic structure and magneto-optic Kerr effect in ferromagnetic titanium oxyphosphates Li _{0.50} Co _{0.25} TiO(PO ₄): An ab-initio study. <i>Journal of Alloys and Compounds</i> , 2012, 527, 233-239.	5.5	6
106	Study on solids-to-liquid and alkaline activator ratios on kaolin-based geopolymers. <i>Construction and Building Materials</i> , 2012, 35, 912-922.	7.2	303
107	Optimization of solids-to-liquid and alkali activator ratios of calcined kaolin geopolymeric powder. <i>Construction and Building Materials</i> , 2012, 37, 440-451.	7.2	106
108	Structural, electronic properties and charge density distribution of the LiNaB ₄ O ₇ : Theory and experiment. <i>Materials Chemistry and Physics</i> , 2012, 137, 346-352.	4.0	16

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109	Single-crystal oxoborate (Pb ₃ O) ₂ (BO ₃) ₂ WO ₄ : Growth and characterization. <i>Materials Research Bulletin</i> , 2012, 47, 2552-2560.	5.2	9
110	Acentric Nonlinear Optical 2,4-Dihydroxyl Hydrazone Isomorphous Crystals with Large Linear, Nonlinear Optical Susceptibilities and Hyperpolarizability. <i>Journal of Physical Chemistry B</i> , 2012, 116, 4677-4683.	2.6	43
111	Wettability and interfacial phenomena investigations on high-density polyethylene and petroleum coke. <i>Journal of Applied Polymer Science</i> , 2012, 125, 2056-2062.	2.6	1
112	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. <i>Korean Journal of Chemical Engineering</i> , 2012, 29, 668-675.	2.7	7
113	Processing and characterization of calcined kaolin cement powder. <i>Construction and Building Materials</i> , 2012, 30, 794-802.	7.2	146
114	Absorption and photoconductivity spectra of Ag ₂ GeS ₃ crystal: Experiment and theory. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 93, 274-279.	3.9	25
115	Bismuth in gallium arsenide: Structural and electronic properties of GaAs _{1-x} Bi _x alloys. <i>Journal of Solid State Chemistry</i> , 2012, 186, 47-53.	2.9	27
116	Compressive Strength and Crack Propagation of Cement Composites Reinforced Coconut Fibre. <i>Journal of Engineering and Applied Sciences</i> , 2012, 7, 108-112.	0.2	0
117	Second Harmonic Generation and Hyperpolarizabilities of the Double-Cubane Compound [Sb ₇ S ₈ Br ₂](AlCl ₄) ₃ : Chalcogenide in Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2011, 115, 11763-11769.	2.6	14
118	Chemical Modification of Chitosan-Filled Polypropylene (PP) Composites: The Effect of 3-Aminopropyltriethoxysilane on Mechanical and Thermal Properties. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2011, 60, 429-440.	3.4	40
119	Effectiveness Evaluation of Safe City Programme in Relation to the Tourism Industry. <i>Procedia Engineering</i> , 2011, 20, 407-414.	1.2	6
120	Electronic structure, chemical bonding features, and electron charge density of the double-cubane single crystal [Sb ₇ S ₈ Br ₂](AlCl ₄) ₃ . <i>Applied Physics Letters</i> , 2011, 98, 201903.	3.3	15
121	Theoretical investigation for Li ₂ CuSb as multifunctional materials: Electrode for high capacity rechargeable batteries and novel materials for second harmonic generation. <i>Journal of Alloys and Compounds</i> , 2011, 509, 7861-7869.	5.5	14
122	Bismuth-containing semiconductors: Linear and nonlinear optical susceptibilities of GaAs _{1-x} Bi _x alloys. <i>Journal of Alloys and Compounds</i> , 2011, 509, 9685-9691.	5.5	33
123	Dispersion of linear and non-linear optical susceptibilities for amino acid 2-aminopropanoic CH ₃ CH(NH ₂)COOH single crystals: experimental and theoretical investigations. <i>Journal of Materials Chemistry</i> , 2011, 21, 17219.	6.7	45
124	Assessment of Physical and Mechanical Properties of Cement Panel Influenced by Treated and Untreated Coconut Fiber Addition. <i>Physics Procedia</i> , 2011, 22, 263-269.	1.2	19
125	Structural properties and bonding nature of 3-methyl-4-phenyl-5-(2-pyridyl)-1,2,4-triazole single crystal. <i>Materials Chemistry and Physics</i> , 2011, 130, 458-465.	4.0	16
126	Tensile properties, swelling, and water absorption behavior of rice husk powder-filled polypropylene/(recycled acrylonitrile-butadiene rubber) composites. <i>Journal of Vinyl and Additive Technology</i> , 2011, 17, 190-197.	3.4	25

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127	Mechanical and thermal properties of chitosan-filled polypropylene composites: The effect of acrylic acid. <i>Journal of Vinyl and Additive Technology</i> , 2011, 17, 125-131.	3.4	45
128	Electronic band structure and optical properties of titanium oxyphosphates $\text{Li}_{0.50}\text{Co}_{0.25}\text{TiO}(\text{PO}_4)$ single crystals: An ab-initio calculations. <i>Journal of Solid State Chemistry</i> , 2011, 184, 2131-2138.	2.9	8
129	Synthesis of sol-gel silica chemically bonded with cyanex 272 for the removal of Cu(II), Ni(II), and Zn(II). <i>Journal of Materials Science</i> , 2009, 44, 2628-2636.	3.7	14
130	Extraction and separation of Cu(II), Ni(II) and Zn(II) by sol-gel silica immobilized with Cyanex 272. <i>Hydrometallurgy</i> , 2009, 96, 140-147.	4.3	30
131	Message from Vice Chancellor. , 2008, , .		0
132	Microstructural Study of Al-Si-Mg Alloy Reinforced with Stainless Steel Wires Composite via Casting Technique. <i>American Journal of Applied Sciences</i> , 2008, 5, 721-725.	0.2	2
133	Comparative Characterization of Clinker's Microstructure at Different Temperature Zone during Cement Production. <i>American Journal of Applied Sciences</i> , 2007, 4, 543-546.	0.2	2
134	Comparative Study of Clinker's Transformation at Different Temperature Zone During Cement Production. <i>American Journal of Applied Sciences</i> , 2007, 4, 328-332.	0.2	3
135	Preparation and evaluation of Al_2O_3 plastic forming feedstock with partially water soluble polymer as a binder. <i>Journal of Materials Processing Technology</i> , 2003, 137, 128-131.	6.3	7
136	Wettability, Electrical and Mechanical Properties of $99.3\text{Sn}-0.7\text{Cu}/\text{Si}$; 3N ; 4 ; Novel Lead-Free Nanocomposite Solder. <i>Advanced Materials Research</i> , 0, 277, 106-111.	0.3	23
137	The Effects of Electromigration to the Solder Joint Formation: A Comparison Between $99.3\text{Sn}-0.7\text{Cu}$ and $96.5\text{Sn}-3.0\text{Ag}-0.5\text{Cu}$ Lead Free Solder. <i>Advanced Materials Research</i> , 0, 622-623, 195-199.	0.3	2
138	Curing Behavior on Kaolin-Based Geopolymers. <i>Advanced Materials Research</i> , 0, 548, 42-47.	0.3	12
139	Characterization of LUSI Mud Volcano as Geopolymer Raw Material. <i>Advanced Materials Research</i> , 0, 548, 82-86.	0.3	8
140	Application of Clay - Based Geopolymer in Brick Production: A Review. <i>Advanced Materials Research</i> , 0, 626, 878-882.	0.3	26
141	Microstructure Study on Optimization of High Strength Fly Ash Based Geopolymer. <i>Advanced Materials Research</i> , 0, 476-478, 2173-2180.	0.3	19
142	Effect of Curing Regimes on Metakaolin Geopolymer Pastes Produced from Geopolymer Powder. <i>Advanced Materials Research</i> , 0, 626, 931-936.	0.3	6
143	Corrosion Performance of Reinforcement Bar in Geopolymer Concrete Compare with its Performance in Ordinary Portland Cement Concrete: A Short Review. <i>Advanced Materials Research</i> , 0, 795, 509-512.	0.3	6
144	Study on Fly Ash Based Geopolymer for Coating Applications. <i>Advanced Materials Research</i> , 0, 686, 227-233.	0.3	36

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145	Study of Concrete Using Modified Polystyrene Coarse Aggregate. <i>Advanced Materials Research</i> , 0, 740, 502-506.	0.3	2
146	Alteration in the Microstructure of Fly Ash Geopolymers upon Exposure to Elevated Temperatures. <i>Advanced Materials Research</i> , 0, 795, 201-205.	0.3	10
147	Effect of Fly Ash/Alkaline Activator Ratio and Sodium Silicate/NaOH Ratio on Fly Ash Geopolymer Coating Strength. <i>Key Engineering Materials</i> , 0, 594-595, 146-150.	0.4	4
148	Strength of Concrete with Ceramic Waste and Quarry Dust as Aggregates. <i>Applied Mechanics and Materials</i> , 0, 421, 390-394.	0.2	18
149	Study on the Properties of Oil Palm Trunk Fiber (OPTF) in Cement Composite. <i>Applied Mechanics and Materials</i> , 0, 421, 395-400.	0.2	17
150	Microstructure and Interface Analysis of Glass Particulate Reinforced Aluminum Matrix Composite. <i>Advanced Materials Research</i> , 0, 795, 578-581.	0.3	7
151	Effect of Space Holder and Compaction Pressure on the Porosity of Sintered Copper. <i>Advanced Materials Research</i> , 0, 795, 82-86.	0.3	1
152	Contact Angle Analysis on Glass Based Surface. <i>Applied Mechanics and Materials</i> , 0, 680, 93-96.	0.2	1
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154	The Effect of Citric Acid on the Mechanical Properties of Thermoplastic Tapioca Starch/High Density Polyethylene/Natural Rubber Blends. <i>Applied Mechanics and Materials</i> , 0, 679, 292-299.	0.2	0
155	Replacement of Lead by Green Tungsten-Brass Composites as a Radiation Shielding Material. <i>Applied Mechanics and Materials</i> , 0, 679, 39-44.	0.2	6
156	Surface Roughness and Grain Size Analysis of Treated Indium Tin Oxide(ITO)Film. <i>Applied Mechanics and Materials</i> , 0, 680, 131-134.	0.2	0
157	Fly Ash Based Lightweight Geopolymer Concrete Using Foaming Agent Technology. <i>Applied Mechanics and Materials</i> , 0, 679, 20-24.	0.2	12
158	Properties of High Density Polyethylene (HDPE)/Recycled Acrylonitrile Butadiene Rubber (NBRr)/Banana Skin Powder (BSP) Composites: Oven Ageing. <i>Applied Mechanics and Materials</i> , 0, 754-755, 197-200.	0.2	2
159	The Electrical Resistivity of Geopolymer Paste by Using Wenner Four Probe Method. <i>Key Engineering Materials</i> , 0, 660, 28-33.	0.4	12
160	Review of Soil Stabilization Techniques: Geopolymerization Method one of the New Technique. <i>Key Engineering Materials</i> , 0, 660, 298-304.	0.4	15
161	Synthesis of Alum from Discarded Aluminium Beverage Cans. <i>Key Engineering Materials</i> , 0, 660, 284-288.	0.4	1
162	The Properties of Linear Low Density Polyethylene/Cyperus Odoratus (LLDPE/CY) Blends: Effect of Sodium Hydroxide. <i>Applied Mechanics and Materials</i> , 0, 815, 69-73.	0.2	3

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163	Flood Mud as Geopolymer Precursor Materials: Effect of Flood Mud/Alkaline Activator and Na₂SiO₃/NaOH Ratios on Compressive Strength. Applied Mechanics and Materials, 0, 815, 170-176.	0.2	0
164	A Review of Fly Ash-Based Geopolymer Lightweight Bricks. Applied Mechanics and Materials, 0, 754-755, 452-456.	0.2	18
165	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
166	New Concrete with Recycled Aggregates from Leftover Concrete. Applied Mechanics and Materials, 0, 754-755, 389-394.	0.2	8
167	Mechanical Properties of Artificial Lightweight Geopolymer Aggregate (ALGA) Concrete using Volcano Mud with Various Sintering Temperature. Applied Mechanics and Materials, 0, 754-755, 279-283.	0.2	3
168	Effect of Hybrid Fillers on the Thermal Properties of UHMWPE/Chitosan-ZnO Composites. Applied Mechanics and Materials, 0, 754-755, 71-76.	0.2	0
169	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
170	Joining Dissimilar Metals between Steel and Aluminum by TIG Welding. Materials Science Forum, 0, 819, 45-49.	0.3	3
171	A Review on Processing and Properties of Bottom Ash Based Geopolymer Materials. Key Engineering Materials, 0, 660, 3-8.	0.4	5
172	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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175	Characterization of Alum Crystals Synthesized from Waste Aluminium Beverage Cans. Materials Science Forum, 0, 857, 514-518.	0.3	0
176	Adhesiveness of Kaolin Based Coating Material on Lumber Wood. Key Engineering Materials, 0, 673, 47-54.	0.4	2
177	Review on Different Types of Geopolymer Concrete Fibres. Materials Science Forum, 0, 857, 388-394.	0.3	2
178	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
179	Characterization and Microstructure of Kaolin-Based Ceramic Using Geopolymerization. Key Engineering Materials, 0, 700, 3-11.	0.4	14
180	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

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181	A Review on Fly Ash Based Geopolymer Rubberized Concrete. Key Engineering Materials, 0, 700, 183-196.	0.4	14
182	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
183	Potential of Geopolymer Mortar as Concrete Repairing Materials. Materials Science Forum, 0, 857, 382-387.	0.3	17
184	Performances of Artificial Lightweight Geopolymer Aggregate (ALGA) in OPC Concrete. Key Engineering Materials, 0, 673, 29-35.	0.4	4
185	Correlation between Mix Design Study and Flexural Strength of Kaolin Coated Lumber Wood via Geopolymer Technology. Materials Science Forum, 0, 841, 34-39.	0.3	0
186	Effect of Microwave Curing to the Compressive Strength of Fly Ash Based Geopolymer Mortar. Materials Science Forum, 0, 841, 193-199.	0.3	8
187	Assessment to the Solid to Liquid Ratios on the Soil Strength and Water Absorption of the Kedah's Soil. Materials Science Forum, 0, 841, 59-64.	0.3	2
188	Characteristic and Morphology of Palm Waste Filled Thermoplastic Composites. Solid State Phenomena, 0, 280, 415-421.	0.3	0
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