

Kamarudin Hussin

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

175
papers

2,751
citations

27
h-index

47
g-index

190
ext. papers

3,231
ext. citations

1.6
avg, IF

5.14
L-index

#	Paper	IF	Citations
175	Study on solids-to-liquid and alkaline activator ratios on kaolin-based geopolymers. <i>Construction and Building Materials</i> , 2012 , 35, 912-922	6.7	227
174	Effects of elevated temperatures on the thermal behavior and mechanical performance of fly ash geopolymer paste, mortar and lightweight concrete. <i>Construction and Building Materials</i> , 2014 , 50, 377-387	6.7	194
173	Fly ash-based geopolymer lightweight concrete using foaming agent. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 7186-98	6.3	159
172	Photoelectrical properties and the electronic structure of Tl(1-x)In(1-x)Sn(x)Se ₂ (x = 0, 0.1, 0.2, 0.25) single crystalline alloys. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 6965-72	3.6	156
171	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. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 18979-86	3.6	144
170	Processing and characterization of calcined kaolin cement powder. <i>Construction and Building Materials</i> , 2012 , 30, 794-802	6.7	115
169	Optimization of solids-to-liquid and alkali activator ratios of calcined kaolin geopolymeric powder. <i>Construction and Building Materials</i> , 2012 , 37, 440-451	6.7	79
168	Effect of Solids-To-Liquids, Na ₂ SiO ₃ -To-NaOH and Curing Temperature on the Palm Oil Boiler Ash (Si + Ca) Geopolymerisation System. <i>Materials</i> , 2015 , 8, 2227-2242	3.5	78
167	Thermal Resistance Variations of Fly Ash Geopolymers: Foaming Responses. <i>Scientific Reports</i> , 2017 , 7, 45355	4.9	65
166	Formation of one-part-mixing geopolymers and geopolymer ceramics from geopolymer powder. <i>Construction and Building Materials</i> , 2017 , 156, 9-18	6.7	63
165	Fly ash porous material using geopolymerization process for high temperature exposure. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 4388-95	6.3	54
164	Correlation between pore structure, compressive strength and thermal conductivity of porous metakaolin geopolymer. <i>Construction and Building Materials</i> , 2020 , 247, 118641	6.7	52
163	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		42
162	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, 4677-83	3.4	40
161	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	2.3	40
160	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	2	40
159	Mechanical, morphological and thermal properties of chitosan filled polypropylene composites: The effect of binary modifying agents. <i>Composites Part A: Applied Science and Manufacturing</i> , 2013 , 46, 89-95	8.4	37

158	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	37
157	Linear and nonlinear optical susceptibilities and the hyperpolarizability of borate LiBaB9O15 single-crystal: theory and experiment. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 14141-50	3-4	36
156	Influence of replacing Si by Ge in the chalcogenide quaternary sulfides Ag ₂ In ₂ Si(Ge) ₆ S ₆ on the chemical bonding, linear and nonlinear optical susceptibilities, and hyperpolarizability. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 2545-53	3-4	35
155	Optical spectra and band structure of Ag(x)Ga(x)Ge(1-x)Se ₂ (x = 0.333, 0.250, 0.200, 0.167) single crystals: experiment and theory. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 15220-31	3-4	33
154	Mechanical and Microstructural Evaluations of Lightweight Aggregate Geopolymer Concrete before and after Exposed to Elevated Temperatures. <i>Materials</i> , 2013 , 6, 4450-4461	3-5	31
153	Bismuth-containing semiconductors: Linear and nonlinear optical susceptibilities of GaAs _{1-x} Bix alloys. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 9685-9691	5-7	31
152	Comparison of Geopolymer Fly Ash and Ordinary Portland Cement to the Strength of Concrete. <i>Advanced Science Letters</i> , 2013 , 19, 3592-3595	0-1	31
151	Dispersion of linear, nonlinear optical susceptibilities and hyperpolarizability of C ₁₁ H ₈ N ₂ O (o-methoxydicyanovinylbenzene) crystals. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 13338-43	3-4	30
150	Study on Fly Ash Based Geopolymer for Coating Applications. <i>Advanced Materials Research</i> , 2013 , 686, 227-233	0-5	29
149	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	28
148	Optimization of NaOH Molarity, LUSI Mud/Alkaline Activator, and Na ₂ SiO ₃ /NaOH Ratio to Produce Lightweight Aggregate-Based Geopolymer. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 11629-47	6-7	23
147	Chitosan-filled polypropylene composites: The effect of filler loading and organosolv lignin on mechanical, morphological and thermal properties. <i>Fibers and Polymers</i> , 2014 , 15, 800-808	2	23
146	Bismuth in gallium arsenide: Structural and electronic properties of GaAs _{1-x} Bix alloys. <i>Journal of Solid State Chemistry</i> , 2012 , 186, 47-53	3-3	23
145	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	2	21
144	Absorption and photoconductivity spectra of Ag ₂ GeS ₄ crystal: experiment and theory. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012 , 93, 274-9	4-4	20
143	X-ray photoelectron spectrum, X-ray diffraction data, and electronic structure of chalcogenide quaternary sulfide Ag ₂ In ₂ GeS ₆ : experiment and theory. <i>Journal of Materials Science</i> , 2013 , 48, 1342-1350	4-3	20
142	Wettability, Electrical and Mechanical Properties of 99.3Sn-0.7Cu/Si ₃ N ₄ Novel Lead-Free Nanocomposite Solder. <i>Advanced Materials Research</i> , 2011 , 277, 106-111	0-5	20
141	The Effect of Various Waste Materials' Contents on the Attenuation Level of Anti-Radiation Shielding Concrete. <i>Materials</i> , 2013 , 6, 4836-4846	3-5	18

140	Strength Development and Elemental Distribution of Dolomite/Fly Ash Geopolymer Composite under Elevated Temperature. <i>Materials</i> , 2020 , 13,	3.5	17
139	Mechanical Properties of Polymer Composites with Sugarcane Bagasse Filler. <i>Advanced Materials Research</i> , 2013 , 740, 739-744	0.5	17
138	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	1.9	17
137	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		17
136	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	4.4	16
135	A Review of Fly Ash-Based Geopolymer Lightweight Bricks. <i>Applied Mechanics and Materials</i> , 2015 , 754-755, 452-456	0.3	14
134	Electronic structure, chemical bonding features, and electron charge density of the double-cubane single crystal $[Sb_7S_8Br_2](AlCl_4)_3$. <i>Applied Physics Letters</i> , 2011 , 98, 201903	3.4	14
133	Application of Clay - Based Geopolymer in Brick Production: A Review. <i>Advanced Materials Research</i> , 2012 , 626, 878-882	0.5	14
132	Manufacturing of Fire Resistance Geopolymer: A Review. <i>MATEC Web of Conferences</i> , 2016 , 78, 01023	0.3	14
131	Structural, electronic properties and charge density distribution of the $LiNaB_4O_7$: Theory and experiment. <i>Materials Chemistry and Physics</i> , 2012 , 137, 346-352	4.4	13
130	Second harmonic generation and hyperpolarizabilities of the double-cubane compound $[Sb_7S_8Br_2](AlCl_4)_3$: chalcogenide in ionic liquids. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 11763-9	3.4	13
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	4.3	13
128	Microstructure Study on Optimization of High Strength Fly Ash Based Geopolymer. <i>Advanced Materials Research</i> , 2012 , 476-478, 2173-2180	0.5	13
127	The Effects of Various Concentrations of NaOH on the Inter-Particle Gelation of a Fly Ash Geopolymer Aggregate. <i>Materials</i> , 2021 , 14,	3.5	13
126	Potential of Geopolymer Mortar as Concrete Repairing Materials. <i>Materials Science Forum</i> , 2016 , 857, 382-387	0.4	12
125	Strength of Concrete with Ceramic Waste and Quarry Dust as Aggregates. <i>Applied Mechanics and Materials</i> , 2013 , 421, 390-394	0.3	12
124	Theoretical investigation for Li_2CuSb 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	5.7	12
123	Strength and Microstructural Properties of Mechanically-Activated Kaolin Geopolymers. <i>Advanced Materials Research</i> , 2012 , 626, 926-930	0.5	12

122	A Review on Mechanical Properties of Geopolymer Composites for High Temperature Application. <i>Key Engineering Materials</i> , 2015 , 660, 34-38	0.4	11
121	Fire Resistant Properties of Geopolymers: A Review. <i>Key Engineering Materials</i> , 2015 , 660, 39-43	0.4	11
120	Review of Soil Stabilization Techniques: Geopolymerization Method one of the New Technique. <i>Key Engineering Materials</i> , 2015 , 660, 298-304	0.4	11
119	Review of Geopolymer Materials for Thermal Insulating Applications. <i>Key Engineering Materials</i> , 2015 , 660, 17-22	0.4	11
118	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		11
117	Study on the Properties of Oil Palm Trunk Fiber (OPTF) in Cement Composite. <i>Applied Mechanics and Materials</i> , 2013 , 421, 395-400	0.3	11
116	Effect Of Crumb Rubber On Compressive Strength Of Fly Ash Based Geopolymer Concrete. <i>MATEC Web of Conferences</i> , 2016 , 78, 01063	0.3	11
115	Characterization and Microstructure of Kaolin-Based Ceramic Using Geopolymerization. <i>Key Engineering Materials</i> , 2016 , 700, 3-11	0.4	11
114	Development of Fly Ash-Based Geopolymer Lightweight Bricks Using Foaming Agent - A Review. <i>Key Engineering Materials</i> , 2015 , 660, 9-16	0.4	10
113	Curing Behavior on Kaolin-Based Geopolymers. <i>Advanced Materials Research</i> , 2012 , 548, 42-47	0.5	10
112	Effect of Geopolymer Coating on Mild Steel. <i>Solid State Phenomena</i> , 2018 , 273, 175-180	0.4	9
111	Electronic and optical features of the mixed crystals $Ag_{0.5}Pb_{1.75}Ge(S_{1-x}Se_x)_4$. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 4667	7.1	9
110	Crystallochemical affinity and optical functions of $ZrGa_2$ and $ZrGa_3$ compounds. <i>Journal of Alloys and Compounds</i> , 2013 , 546, 14-19	5.7	9
109	Geopolymer lightweight bricks manufactured from fly ash and foaming agent 2017 ,		9
108	Comparison of processing and mechanical properties of polypropylene/recycled acrylonitrile butadiene rubber/rice husk powder composites modified with silane and acetic anhydride compound. <i>Journal of Thermoplastic Composite Materials</i> , 2014 , 27, 1651-1666	1.9	9
107	Amino acid 2-aminopropanoic $CH_3CH(NH_2)COOH$ crystals: materials for photo- and acoustoinduced optoelectronic applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2012 , 23, 1922-1931	2.1	9
106	Interrelationship of Kaolin, Alkaline Liquid Ratio and Strength of Kaolin Geopolymer. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 133, 012004	0.4	9
105	NaAuS chicken-wire-like semiconductor: Electronic structure and optical properties. <i>Journal of Alloys and Compounds</i> , 2014 , 582, 6-11	5.7	8

104	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. <i>Journal of Magnetism and Magnetic Materials</i> , 2014 , 361, 206-211	2.8	8
103	Characterization of LUSI Mud Volcano as Geopolymer Raw Material. <i>Advanced Materials Research</i> , 2012 , 548, 82-86	0.5	8
102	Effect of NaOH Concentration on Flexural Strength, Phase Formation and Microstructural Development of Kaolin Geopolymer Ceramic. <i>Materials Science Forum</i> , 2016 , 857, 405-411	0.4	8
101	Effect of Mixing Technique on Epoxy Resin Nanocomposites Filled Fly Ash Based Geopolymer to Compressive Properties. <i>Key Engineering Materials</i> , 2016 , 673, 55-63	0.4	7
100	Fly Ash Based Lightweight Geopolymer Concrete Using Foaming Agent Technology. <i>Applied Mechanics and Materials</i> , 2014 , 679, 20-24	0.3	7
99	Single-crystal oxoborate (Pb3O)2(BO3)2WO4: Growth and characterization. <i>Materials Research Bulletin</i> , 2012 , 47, 2552-2560	5.1	7
98	Alteration in the Microstructure of Fly Ash Geopolymers upon Exposure to Elevated Temperatures. <i>Advanced Materials Research</i> , 2013 , 795, 201-205	0.5	7
97	Strength of Concrete Based Cement Using Recycle Ceramic Waste as Aggregate. <i>Advanced Materials Research</i> , 2013 , 740, 734-738	0.5	7
96	A Review on Fly Ash Based Geopolymer Rubberized Concrete. <i>Key Engineering Materials</i> , 2016 , 700, 183-196	1.6	6
95	Mechanical and thermal properties of organosolv lignin/sodium dodecyl sulphate binary agent-treated polypropylene/chitosan composites. <i>Polymer Bulletin</i> , 2016 , 73, 1427-1445	2.4	6
94	The Strength of Bottom Ash-Based Geopolymer Brick with Inclusion of Fly Ash. <i>Materials Science Forum</i> , 2016 , 841, 26-29	0.4	6
93	Band structure, density of states, and crystal chemistry of ZrGa2 and ZrGa3 single crystals. <i>Journal of Alloys and Compounds</i> , 2013 , 556, 259-265	5.7	6
92	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	2.8	6
91	Epoxy Layered Silicates with Fly Ash-Based Geopolymer: Flexural Properties. <i>Materials Science Forum</i> , 2015 , 819, 290-294	0.4	5
90	Characterisation and understanding of Portland cement mortar with different sizes of bottom ash. <i>Advances in Cement Research</i> , 2018 , 30, 66-74	1.8	5
89	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> , 2013 , 795, 509-512	0.5	5
88	The Electrical Resistivity of Geopolymer Paste by Using Wenner Four Probe Method. <i>Key Engineering Materials</i> , 2015 , 660, 28-33	0.4	5
87	Preparation and evaluation of Al2O3 plastic forming feedstock with partially water soluble polymer as a binder. <i>Journal of Materials Processing Technology</i> , 2003 , 137, 128-131	5.3	5

86	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	1.3	5
85	New Concrete with Recycled Aggregates from Leftover Concrete. <i>Applied Mechanics and Materials</i> , 2015 , 754-755, 389-394	0.3	4
84	Morphology and Properties of Geopolymer Coatings on Glass Fibre-Reinforced Epoxy (GRE) pipe. <i>MATEC Web of Conferences</i> , 2016 , 78, 01069	0.3	4
83	Effect of Microwave Curing to the Compressive Strength of Fly Ash Based Geopolymer Mortar. <i>Materials Science Forum</i> , 2016 , 841, 193-199	0.4	4
82	Electronic structure and magneto-optic Kerr effect in ferromagnetic titanium oxyphosphates $\text{Li}_0.50\text{Co}_0.25\text{TiO}(\text{PO}_4)$: An ab-initio study. <i>Journal of Alloys and Compounds</i> , 2012 , 527, 233-239	5.7	4
81	Microstructure and Interface Analysis of Glass Particulate Reinforced Aluminum Matrix Composite. <i>Advanced Materials Research</i> , 2013 , 795, 578-581	0.5	4
80	Effectiveness Evaluation of Safe City Programme in Relation to the Tourism Industry. <i>Procedia Engineering</i> , 2011 , 20, 407-414		4
79	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	3.3	4
78	Reviews on the Properties of Aggregates Made with or without Geopolymerisation Method. <i>Advanced Materials Research</i> , 2012 , 626, 892-895	0.5	4
77	A Study on the Synthesis of Fly Ash-Based Lightweight Aggregate Geopolymer Concrete. <i>Advanced Science Letters</i> , 2013 , 19, 282-285	0.1	4
76	Effect of Solution Treatment Temperature on Tensile Strength of Al-Mg-Si Alloy. <i>Materials Science Forum</i> , 2015 , 819, 39-44	0.4	3
75	Joining Dissimilar Metals between Steel and Aluminum by TIG Welding. <i>Materials Science Forum</i> , 2015 , 819, 45-49	0.4	3
74	A Review on Processing and Properties of Bottom Ash Based Geopolymer Materials. <i>Key Engineering Materials</i> , 2015 , 660, 3-8	0.4	3
73	Adhesion Study of Kaolin and White Clay as Source Materials on Non-Metallic Substrate in Geopolymer Coating. <i>Materials Science Forum</i> , 2016 , 841, 55-58	0.4	3
72	Replacement of Lead by Green Tungsten-Brass Composites as a Radiation Shielding Material. <i>Applied Mechanics and Materials</i> , 2014 , 679, 39-44	0.3	3
71	Lightweight Fly Ash-Based Geopolymer Concrete. <i>Advanced Materials Research</i> , 2012 , 626, 781-785	0.5	3
70	Effect of Curing Regimes on Metakaolin Geopolymer Pastes Produced from Geopolymer Powder. <i>Advanced Materials Research</i> , 2012 , 626, 931-936	0.5	3
69	Study on Refractory Materials Application Using Geopolymer Processing. <i>Advanced Science Letters</i> , 2013 , 19, 221-223	0.1	3

68	Mechanical Performances of Fly Ash Geopolymer Bricks. <i>Advanced Science Letters</i> , 2013 , 19, 186-189	0.1	3
67	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	1.5	3
66	A study on hardness behavior of geopolymer paste in different condition 2016 ,		3
65	Effect of Solid/Liquid Ratio on Mechanical Properties of Kaolin Coated Teak Wood via Geopolymer Technology. <i>Applied Mechanics and Materials</i> , 2015 , 754-755, 708-713	0.3	2
64	Mechanical Properties of Artificial Lightweight Geopolymer Aggregate (ALGA) Concrete using Volcano Mud with Various Sintering Temperature. <i>Applied Mechanics and Materials</i> , 2015 , 754-755, 279-283	0.3	2
63	Epoxy Hardener Filled with Geopolymer Materials for Piping Application: Flexural Properties. <i>Key Engineering Materials</i> , 2015 , 660, 44-48	0.4	2
62	Effect of Ultra High Molecular Weight Polyethylene (UHMWPE) as Binder and Sintering Temperature in Kaolin Geopolymer Ceramics on Flexural Strength. <i>Materials Science Forum</i> , 2016 , 857, 412-415	0.4	2
61	Performances of Artificial Lightweight Geopolymer Aggregate (ALGA) in OPC Concrete. <i>Key Engineering Materials</i> , 2016 , 673, 29-35	0.4	2
60	Assessment to the Solid to Liquid Ratios on the Soil Strength and Water Absorption of the Kedahâ Soil. <i>Materials Science Forum</i> , 2016 , 841, 59-64	0.4	2
59	Glass formation and the third harmonic generation of Cu ₂ SeâGeSe ₂ As ₂ Se ₃ glasses. <i>Journal of Applied Physics</i> , 2014 , 116, 143102	2.5	2
58	Effect of Fly Ash/Alkaline Activator Ratio and Sodium Silicate/NaOH Ratio on Fly Ash Geopolymer Coating Strength. <i>Key Engineering Materials</i> , 2013 , 594-595, 146-150	0.4	2
57	Characterization of Porous Aluminum Fabricated via Sintering-Dissolution Process (SDP). <i>Advanced Materials Research</i> , 2013 , 795, 102-105	0.5	2
56	Mechanical Properties of ZTA Composite Using Cold Isostatic Pressing and Uniaxial Pressing. <i>Advanced Materials Research</i> , 2013 , 740, 728-733	0.5	2
55	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. <i>Advanced Materials Research</i> , 2012 , 622-623, 195-199	0.5	2
54	Potential of Marine Clay as Raw Material in Geopolymer Composite. <i>Advanced Materials Research</i> , 2012 , 626, 963-966	0.5	2
53	Comparative Characterization of Clinkerâ Microstructure at Different Temperature Zone during Cement Production. <i>American Journal of Applied Sciences</i> , 2007 , 4, 543-546	0.8	2
52	Comparative Study of Clinkerâ Transformation at Different Temperature Zone During Cement Production. <i>American Journal of Applied Sciences</i> , 2007 , 4, 328-332	0.8	2
51	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	0.8	2

50	Adhesiveness of Kaolin Based Coating Material on Lumber Wood. <i>Key Engineering Materials</i> , 2016 , 673, 47-54	0.4	2
49	Tin (Sn) Recovery from Wave Soldering Lead Free Solder Dross via Hydrochloric Acid Leaching and Combustion Treatment. <i>Materials Science Forum</i> , 2016 , 857, 535-539	0.4	2
48	Role of Sintering Temperature in Production of Nepheline Ceramics-Based Geopolymer with Addition of Ultra-High Molecular Weight Polyethylene. <i>Materials</i> , 2021 , 14,	3.5	2
47	Effect of different sintering temperature on fly ash based geopolymer artificial aggregate 2017 ,		1
46	The Effect of Solid-to-Liquid Ratio and Temperature on Mechanical Properties of Kaolin Geopolymer Ceramics. <i>Key Engineering Materials</i> , 2015 , 660, 23-27	0.4	1
45	Kaolin-Based Geopolymer Filled Epoxy-Layered Silicates: Compressive Properties. <i>Applied Mechanics and Materials</i> , 2015 , 754-755, 220-224	0.3	1
44	Aggregate impact value (AIV) of fly ash geopolymer artificial aggregate at different sodium hydroxide (NaOH) concentration 2020 ,		1
43	Compressive Properties of White Clay Based Geopolymer Filled Epoxy Composite. <i>Materials Science Forum</i> , 2016 , 841, 30-33	0.4	1
42	Density and morphology studies on bottom ash and fly ash geopolymer brick 2017 ,		1
41	Correlation between hardness and water absorption properties of Saudi kaolin and white clay geopolymer coating 2017 ,		1
40	Mechanical properties effect on molarity of epoxy hardener filled with geopolymer materials for piping application: Flexural properties 2017 ,		1
39	Study on quality improvement of palm trunk by thermoplastic impregnation 2017 ,		1
38	A Review of Manufacturing on Rubberized Concrete Filled Recycled Tire Rubber. <i>Key Engineering Materials</i> , 2015 , 660, 249-253	0.4	1
37	Synthesis of Alum from Discarded Aluminium Beverage Cans. <i>Key Engineering Materials</i> , 2015 , 660, 284-288		1
36	Contact Angle Analysis on Glass Based Surface. <i>Applied Mechanics and Materials</i> , 2014 , 680, 93-96	0.3	1
35	Study of Concrete Using Modified Polystyrene Coarse Aggregate. <i>Advanced Materials Research</i> , 2013 , 740, 502-506	0.5	1
34	Effect of Space Holder and Compaction Pressure on the Porosity of Sintered Copper. <i>Advanced Materials Research</i> , 2013 , 795, 82-86	0.5	1
33	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	0.5	1

32	Review on Different Types of Geopolymer Concrete Fibres. <i>Materials Science Forum</i> , 2016 , 857, 388-394	0.4	1
31	Thermal Resistance of Fly Ash Geopolymers with Alumina as Additive. <i>Solid State Phenomena</i> , 2018 , 281, 182-188	0.4	1
30	The Mechanical Properties and Thermal Resistance of Fly Ash Geopolymer Foams. <i>Solid State Phenomena</i> , 2018 , 281, 175-181	0.4	1
29	Influence of different exchange correlation potentials on band structure and optical constant calculations of ZrGa ₂ and ZrGe ₂ single crystals. <i>Computational Materials Science</i> , 2013 , 78, 134-139	3.2	0
28	Properties of High Density Polyethylene (HDPE)/Recycled Acrylonitrile Butadiene Rubber (NBR)/Banana Skin Powder (BSP) Composites: Oven Ageing. <i>Applied Mechanics and Materials</i> , 2015 , 754-755, 197-200	0.3	0
27	The Properties of Linear Low Density Polyethylene/Cyperus Odoratus (LLDPE/CY) Blends: Effect of Sodium Hydroxide. <i>Applied Mechanics and Materials</i> , 2015 , 815, 69-73	0.3	0
26	Bond Strength Comparison between Silicon and Glass Based Surface Using Anodic Bonding. <i>Applied Mechanics and Materials</i> , 2014 , 680, 89-92	0.3	0
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12	Infant Pain Recognition with Homomorphic Filter and k-NN Classifier. <i>Advanced Materials Research</i> , 2014 , 1016, 807-813	0.5
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