

# Mohd Mustafa Al Bakri Abdullah

## List of Publications by Citations

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468

papers

4,179

citations

28

h-index

52

g-index

519

ext. papers

5,629

ext. citations

1.3

avg, IF

5.96

L-index

#	Paper	IF	Citations
468	Study on solids-to-liquid and alkaline activator ratios on kaolin-based geopolymers. <i>Construction and Building Materials</i> , <b>2012</b> , 35, 912-922	6.7	227
467	Structure and properties of clay-based geopolymer cements: A review. <i>Progress in Materials Science</i> , <b>2016</b> , 83, 595-629	42.2	226
466	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> , <b>2014</b> , 50, 377-387	6.7	194
465	Fly ash-based geopolymer lightweight concrete using foaming agent. <i>International Journal of Molecular Sciences</i> , <b>2012</b> , 13, 7186-98	6.3	159
464	Processing and characterization of calcined kaolin cement powder. <i>Construction and Building Materials</i> , <b>2012</b> , 30, 794-802	6.7	115
463	Effect of Curing Profile on Kaolin-based Geopolymers. <i>Physics Procedia</i> , <b>2011</b> , 22, 305-311		107
462	The Effect of Curing Temperature on Physical and Chemical Properties of Geopolymers. <i>Physics Procedia</i> , <b>2011</b> , 22, 286-291		104
461	Optimization of solids-to-liquid and alkali activator ratios of calcined kaolin geopolymeric powder. <i>Construction and Building Materials</i> , <b>2012</b> , 37, 440-451	6.7	79
460	Effect of Solids-To-Liquids, Na <sub>2</sub> SiO <sub>3</sub> -To-NaOH and Curing Temperature on the Palm Oil Boiler Ash (Si + Ca) Geopolymerisation System. <i>Materials</i> , <b>2015</b> , 8, 2227-2242	3.5	78
459	Mechanical properties of Sn <sub>0.7</sub> Cu/Si <sub>3</sub> N <sub>4</sub> lead-free composite solder. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2012</b> , 556, 633-637	5.3	68
458	Thermal Resistance Variations of Fly Ash Geopolymers: Foaming Responses. <i>Scientific Reports</i> , <b>2017</b> , 7, 45355	4.9	65
457	Formation of one-part-mixing geopolymers and geopolymer ceramics from geopolymer powder. <i>Construction and Building Materials</i> , <b>2017</b> , 156, 9-18	6.7	63
456	. <i>ScienceAsia</i> , <b>2008</b> , 34, 341	1.4	58
455	The Relationship of NaOH Molarity, Na <sub>2</sub> SiO <sub>3</sub> /NaOH Ratio, Fly Ash/Alkaline Activator Ratio, and Curing Temperature to the Strength of Fly Ash-Based Geopolymer. <i>Advanced Materials Research</i> , <b>2011</b> , 328-330, 1475-1482	0.5	57
454	Review on Adsorption of Heavy Metal in Wastewater by Using Geopolymer. <i>MATEC Web of Conferences</i> , <b>2017</b> , 97, 01023	0.3	54
453	Mechanical properties and microstructure analysis of FA-GGBS-HMNS based geopolymer concrete. <i>Construction and Building Materials</i> , <b>2019</b> , 210, 198-209	6.7	54
452	Kaolin-based geopolymers with various NaOH concentrations. <i>International Journal of Minerals, Metallurgy and Materials</i> , <b>2013</b> , 20, 313-322	3.1	54

451	Fly ash porous material using geopolymerization process for high temperature exposure. <i>International Journal of Molecular Sciences</i> , <b>2012</b> , 13, 4388-95	6.3	54
450	Correlation between pore structure, compressive strength and thermal conductivity of porous metakaolin geopolymer. <i>Construction and Building Materials</i> , <b>2020</b> , 247, 118641	6.7	52
449	Study of Fly Ash Characterization as a Cementitious Material. <i>Procedia Engineering</i> , <b>2016</b> , 148, 487-493		46
448	Strength development of solely ground granulated blast furnace slag geopolymers. <i>Construction and Building Materials</i> , <b>2020</b> , 250, 118720	6.7	42
447	Solderability of Sn-0.7Cu/Si3N4 lead-free composite solder on Cu-substrate. <i>Physics Procedia</i> , <b>2011</b> , 22, 299-304		42
446	Influence of Solids-to-liquid and Activator Ratios on Calcined Kaolin Cement Powder. <i>Physics Procedia</i> , <b>2011</b> , 22, 312-317		39
445	XRD and TG-DTA Study of New Alkali Activated Materials Based on Fly Ash with Sand and Glass Powder. <i>Materials</i> , <b>2020</b> , 13,	3.5	38
444	Mechanical and Microstructural Evaluations of Lightweight Aggregate Geopolymer Concrete before and after Exposed to Elevated Temperatures. <i>Materials</i> , <b>2013</b> , 6, 4450-4461	3.5	31
443	Comparison of Geopolymer Fly Ash and Ordinary Portland Cement to the Strength of Concrete. <i>Advanced Science Letters</i> , <b>2013</b> , 19, 3592-3595	0.1	31
442	Study on Fly Ash Based Geopolymer for Coating Applications. <i>Advanced Materials Research</i> , <b>2013</b> , 686, 227-233	0.5	29
441	Optimization of Alkaline Activator/Fly ASH Ratio on the Compressive Strength of Manufacturing Fly ASH-BASED Geopolymer. <i>Applied Mechanics and Materials</i> , <b>2011</b> , 110-116, 734-739	0.3	28
440	Potential use of Plastic Waste as Construction Materials: Recent Progress and Future Prospect. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 267, 012011	0.4	26
439	The Relationship between Water Absorption and Porosity for Geopolymer Paste. <i>Materials Science Forum</i> , <b>2014</b> , 803, 166-172	0.4	26
438	Correlation between Na <sub>2</sub> SiO <sub>3</sub> /NaOH Ratio and Fly Ash/Alkaline Activator Ratio to the Strength of Geopolymer. <i>Advanced Materials Research</i> , <b>2011</b> , 341-342, 189-193	0.5	26
437	Self-Cleaning Technology in Fabric: A Review. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 133, 012028	0.4	26
436	Geopolymers and Their Uses: Review. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 374, 012019	0.4	25
435	Optimization of NaOH Molarity, LUSI Mud/Alkaline Activator, and Na <sub>2</sub> SiO <sub>3</sub> /NaOH Ratio to Produce Lightweight Aggregate-Based Geopolymer. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 11629-47	6.3	23
434	Comparison of Linear Interpolation Method and Mean Method to Replace the Missing Values in Environmental Data Set. <i>Materials Science Forum</i> , <b>2014</b> , 803, 278-281	0.4	23

433	Interdigitated electrodes as impedance and capacitance biosensors: A review <b>2017</b> ,		21
432	Review of Dolomite as Precursor of Geopolymer Materials. <i>MATEC Web of Conferences</i> , <b>2016</b> , 78, 01090	0.3	21
431	Review on Various Types of Geopolymer Materials with the Environmental Impact Assessment. <i>MATEC Web of Conferences</i> , <b>2017</b> , 97, 01021	0.3	20
430	The Effect of Various Waste Materials' Contents on the Attenuation Level of Anti-Radiation Shielding Concrete. <i>Materials</i> , <b>2013</b> , 6, 4836-4846	3.5	18
429	Behaviour changes of ground granulated blast furnace slag geopolymers at high temperature. <i>Advances in Cement Research</i> , <b>2020</b> , 32, 465-475	1.8	18
428	Strength Development and Elemental Distribution of Dolomite/Fly Ash Geopolymer Composite under Elevated Temperature. <i>Materials</i> , <b>2020</b> , 13,	3.5	17
427	Strength and Density of Geopolymer Mortar Cured at Ambient Temperature for Use as Repair Material. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 133, 012042	0.4	17
426	Mechanical Properties of Polymer Composites with Sugarcane Bagasse Filler. <i>Advanced Materials Research</i> , <b>2013</b> , 740, 739-744	0.5	17
425	Filling Missing Data Using Interpolation Methods: Study on the Effect of Fitting Distribution. <i>Key Engineering Materials</i> , <b>2013</b> , 594-595, 889-895	0.4	17
424	Clay-Based Materials in Geopolymer Technology <b>2018</b> ,		17
423	Nano Geopolymer for Sustainable Concrete Using Fly Ash Synthesized by High Energy Ball Milling. <i>Applied Mechanics and Materials</i> , <b>2013</b> , 313-314, 169-173	0.3	15
422	Effect of Unmodified and Modified Nanocrystalline Cellulose Reinforced Polylactic Acid (PLA) Polymer Prepared by Solvent Casting Method Morphology, mechanical and thermal properties <b>2017</b> , 54, 91-97		15
421	A Review on Fly Ash as a Raw Cementitious Material for Geopolymer Concrete. <i>Revista De Chimie (discontinued)</i> , <b>2018</b> , 69, 1661-1667	1.8	15
420	Assessment of the Suitability of Ceramic Waste in Geopolymer Composites: An Appraisal. <i>Materials</i> , <b>2021</b> , 14,	3.5	15
419	Self-cleaning geopolymer concrete - A review. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 133, 012026	0.4	15
418	Cutting tool wear optimization in the machining of fly ash geopolymer using Taguchi method <b>2018</b> ,		15
417	A Review of Fly Ash-Based Geopolymer Lightweight Bricks. <i>Applied Mechanics and Materials</i> , <b>2015</b> , 754-755, 452-456	0.3	14
416	Feasibility of Producing Wood Fibre-Reinforced Geopolymer Composites (WFRGC). <i>Advanced Materials Research</i> , <b>2012</b> , 626, 918-925	0.5	14

4 <sup>15</sup>	Application of Clay - Based Geopolymer in Brick Production: A Review. <i>Advanced Materials Research</i> , <b>2012</b> , 626, 878-882	0.5	14
4 <sup>14</sup>	Formulation, mechanical properties and phase analysis of fly ash geopolymer with ladle furnace slag replacement. <i>Journal of Materials Research and Technology</i> , <b>2021</b> , 12, 1212-1226	5.5	14
4 <sup>13</sup>	Manufacturing of Fire Resistance Geopolymer: A Review. <i>MATEC Web of Conferences</i> , <b>2016</b> , 78, 01023	0.3	14
4 <sup>12</sup>	Review of Geopolymer Behaviour in Thermal Environment. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 209, 012085	0.4	13
4 <sup>11</sup>	The Effect of Curing Time on the Properties of Fly Ash-Based Geopolymer Bricks. <i>Advanced Materials Research</i> , <b>2012</b> , 626, 937-941	0.5	13
4 <sup>10</sup>	Microstructure Study on Optimization of High Strength Fly Ash Based Geopolymer. <i>Advanced Materials Research</i> , <b>2012</b> , 476-478, 2173-2180	0.5	13
4 <sup>09</sup>	Influences of SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , CaO and MgO in phase transformation of sintered kaolin-ground granulated blast furnace slag geopolymer. <i>Journal of Materials Research and Technology</i> , <b>2020</b> , 9, 14922-14932	5.5	13
4 <sup>08</sup>	Kaolin Geopolymer as Precursor to Ceramic Formation. <i>MATEC Web of Conferences</i> , <b>2016</b> , 78, 01061	0.3	13
4 <sup>07</sup>	Performance of Waste Cooking Oil in Asphalt Binder Modification. <i>Key Engineering Materials</i> , <b>2016</b> , 700, 216-226	0.4	13
4 <sup>06</sup>	The Effects of Various Concentrations of NaOH on the Inter-Particle Gelation of a Fly Ash Geopolymer Aggregate. <i>Materials</i> , <b>2021</b> , 14,	3.5	13
4 <sup>05</sup>	Fabrication Method of Aluminum Matrix Composite (AMCs): A Review. <i>Key Engineering Materials</i> , <b>2016</b> , 700, 102-110	0.4	12
4 <sup>04</sup>	Potential of Geopolymer Mortar as Concrete Repairing Materials. <i>Materials Science Forum</i> , <b>2016</b> , 857, 382-387	0.4	12
4 <sup>03</sup>	Influence of Kaolin in Fly Ash Based Geopolymer Concrete: Destructive and Non-Destructive Testing. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 374, 012068	0.4	12
4 <sup>02</sup>	Strength of Concrete with Ceramic Waste and Quarry Dust as Aggregates. <i>Applied Mechanics and Materials</i> , <b>2013</b> , 421, 390-394	0.3	12
4 <sup>01</sup>	Strength and Microstructural Properties of Mechanically-Activated Kaolin Geopolymers. <i>Advanced Materials Research</i> , <b>2012</b> , 626, 926-930	0.5	12
4 <sup>00</sup>	Characterisation at the Bonding Zone between Fly Ash Based Geopolymer Repair Materials (GRM) and Ordinary Portland Cement Concrete (OPCC). <i>Materials</i> , <b>2020</b> , 14,	3.5	12
399	Influence of ZnO Nanoparticles on Mechanical Properties and Photocatalytic Activity of Self-cleaning ZnO-Based Geopolymer Paste. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2020</b> , 30, 2007-2016	3.2	12
398	Investigation of Heat Released during Geopolymerization with Fly Ash based Geopolymer. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 551, 012093	0.4	12

397	Effects of sodium hydroxide (NaOH) solution concentration on fly ash-based lightweight geopolymer <b>2017</b> ,		11
396	A Review on Mechanical Properties of Geopolymer Composites for High Temperature Application. <i>Key Engineering Materials</i> , <b>2015</b> , 660, 34-38	0.4	11
395	Fire Resistant Properties of Geopolymers: A Review. <i>Key Engineering Materials</i> , <b>2015</b> , 660, 39-43	0.4	11
394	A Study on Relationship between Porosity and Compressive Strength for Geopolymer Paste. <i>Key Engineering Materials</i> , <b>2013</b> , 594-595, 1112-1116	0.4	11
393	Coagulation-Flocculation Process in Landfill Leachate Treatment: Focus on Coagulants and Coagulants Aid. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 209, 012083	0.4	11
392	Review of Soil Stabilization Techniques: Geopolymerization Method one of the New Technique. <i>Key Engineering Materials</i> , <b>2015</b> , 660, 298-304	0.4	11
391	The Pozzoolanic Activity Level of Powder Waste Glass in Comparisons with other Powders. <i>Key Engineering Materials</i> , <b>2015</b> , 660, 237-243	0.4	11
390	Review of Geopolymer Materials for Thermal Insulating Applications. <i>Key Engineering Materials</i> , <b>2015</b> , 660, 17-22	0.4	11
389	Study on the Properties of Oil Palm Trunk Fiber (OPTF) in Cement Composite. <i>Applied Mechanics and Materials</i> , <b>2013</b> , 421, 395-400	0.3	11
388	Effect Of Crumb Rubber On Compressive Strength Of Fly Ash Based Geopolymer Concrete. <i>MATEC Web of Conferences</i> , <b>2016</b> , 78, 01063	0.3	11
387	Characterization and Microstructure of Kaolin-Based Ceramic Using Geopolymerization. <i>Key Engineering Materials</i> , <b>2016</b> , 700, 3-11	0.4	11
386	Effect of phosphate addition on room-temperature-cured fly ash-metakaolin blend geopolymers. <i>Construction and Building Materials</i> , <b>2021</b> , 270, 121486	6.7	11
385	Properties of a New Insulation Material Glass Bubble in Geo-Polymer Concrete. <i>Materials</i> , <b>2021</b> , 14,	3.5	11
384	Effect of Sodium Hydroxide Molarity on Physical, Mechanical and Thermal Conductivity of Metakaolin Geopolymers. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 343, 012015	0.4	11
383	The properties and durability of fly ash-based geopolymeric masonry bricks <b>2015</b> , 273-287		10
382	Development of Fly Ash-Based Geopolymer Lightweight Bricks Using Foaming Agent - A Review. <i>Key Engineering Materials</i> , <b>2015</b> , 660, 9-16	0.4	10
381	Bonding Strength Characteristics of FA-Based Geopolymer Paste as a Repair Material When Applied on OPC Substrate. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 3321	2.6	10
380	The Utilization of Coconut Fibre into Fired Clay Brick. <i>Key Engineering Materials</i> , <b>2016</b> , 673, 213-222	0.4	10

379	Mechanical properties on geopolymer brick: A review <b>2017</b> ,		10
378	Curing Behavior on Kaolin-Based Geopolymers. <i>Advanced Materials Research</i> , <b>2012</b> , 548, 42-47	0.5	10
377	The Effect of Ni and Bi Additions on the Solderability of Sn-0.7Cu Solder Coatings. <i>Journal of Electronic Materials</i> , <b>2020</b> , 49, 1-12	1.9	10
376	Characterization of fly ash geopolymer concrete with glass bubble for thermal insulation application <b>2018</b> ,		10
375	Lightweight Heat Resistant Geopolymer-based Materials Synthesized from Red Mud and Rice Husk Ash Using Sodium Silicate Solution as Alkaline Activator. <i>MATEC Web of Conferences</i> , <b>2017</b> , 97, 01119	0.3	9
374	Potential of Starch Nanocomposites for Biomedical Applications. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 209, 012087	0.4	9
373	Utilization of Modified Palm Kernel Shell for Biocomposites Production. <i>Key Engineering Materials</i> , <b>2016</b> , 700, 60-69	0.4	9
372	The effect on slurry water as a fresh water replacement in concrete properties. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 133, 012041	0.4	9
371	Effect of Geopolymer Coating on Mild Steel. <i>Solid State Phenomena</i> , <b>2018</b> , 273, 175-180	0.4	9
370	Geopolymer lightweight bricks manufactured from fly ash and foaming agent <b>2017</b> ,		9
369	Microstructure Studies on the Effect of the Alkaline Activators of Fly Ash-Based Geopolymer at Elevated Heat Treatment Temperature. <i>Applied Mechanics and Materials</i> , <b>2013</b> , 421, 342-348	0.3	9
368	Modelling of PM10 concentration for industrialized area in Malaysia: A case study in Shah Alam. <i>Physics Procedia</i> , <b>2011</b> , 22, 318-324		9
367	Influence of Foaming Agent/Water Ratio and Foam/Geopolymer Paste Ratio to the Properties of Fly Ash-based Lightweight Geopolymer for Brick Application. <i>Revista De Chimie (discontinued)</i> , <b>2017</b> , 68, 1978-1982	1.8	9
366	Microstructure and porosity evolution of alkali activated slag at various heating temperatures. <i>Journal of Materials Research and Technology</i> , <b>2020</b> , 9, 15894-15907	5.5	9
365	Relation between Density and Compressive Strength of Foamed Concrete. <i>Materials</i> , <b>2021</b> , 14,	3.5	9
364	Interrelationship of Kaolin, Alkaline Liquid Ratio and Strength of Kaolin Geopolymer. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 133, 012004	0.4	9
363	Evaluation of the Effect of Silica Fume on Amorphous Fly Ash Geopolymers Exposed to Elevated Temperature. <i>Magnetochemistry</i> , <b>2021</b> , 7, 9	3.1	9
362	Effect of Aluminium Powder on Kaolin-Based Geopolymer Characteristic and Removal of Cu. <i>Materials</i> , <b>2021</b> , 14,	3.5	9

361	Evaluation of flexural properties and characterisation of 10-mm thin geopolymer based on fly ash and ladle furnace slag. <i>Journal of Materials Research and Technology</i> , <b>2021</b> , 15, 163-176	5.5	9
360	Geopolymer as an adsorbent of heavy metal: A review <b>2017</b> ,		8
359	Correlation of the Processing Parameters in the Formation of Granulated Ground Blast Furnace Slag Geopolymer. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 209, 012040	0.4	8
358	Durability of Fly Ash Based Geopolymer Concrete Infilled with Rubber Crumb in Seawater Exposure. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 374, 012069	0.4	8
357	Microstructure Studies on Different Types of Geopolymer Materials. <i>Applied Mechanics and Materials</i> , <b>2013</b> , 421, 384-389	0.3	8
356	A Novel Study on Using Vietnam Rice Hush Ash and Cullet as Environmental Materials. <i>MATEC Web of Conferences</i> , <b>2017</b> , 97, 01118	0.3	8
355	Comparative Study on Thermal, Compressive, and Wear Properties of Palm Slag Brake Pad Composite with other Fillers. <i>Advanced Materials Research</i> , <b>2011</b> , 328-330, 1636-1641	0.5	8
354	Characterization of LUSI Mud Volcano as Geopolymer Raw Material. <i>Advanced Materials Research</i> , <b>2012</b> , 548, 82-86	0.5	8
353	Improving flexural and dielectric properties of carbon fiber epoxy composite laminates reinforced with carbon nanotubes interlayer using electrospray deposition. <i>Nanotechnology Reviews</i> , <b>2020</b> , 9, 1170-1182	6.3	8
352	Design of Experiment on Concrete Mechanical Properties Prediction: A Critical Review. <i>Materials</i> , <b>2021</b> , 14,	3.5	8
351	Effect of PVA Fiber in Increasing Mechanical Strength on Paste Containing Glass Powder. <i>Key Engineering Materials</i> , <b>2016</b> , 673, 83-93	0.4	8
350	Effect of NaOH Concentration on Flexural Strength, Phase Formation and Microstructural Development of Kaolin Geopolymer Ceramic. <i>Materials Science Forum</i> , <b>2016</b> , 857, 405-411	0.4	8
349	Catechin adsorption on magnetic hydroxyapatite nanoparticles: A synergistic interaction with calcium ions. <i>Materials Chemistry and Physics</i> , <b>2020</b> , 241, 122337	4.4	8
348	Comparison of Hook and Straight Steel Fibers Addition on Malaysian Fly Ash-Based Geopolymer Concrete on the Slump, Density, Water Absorption and Mechanical Properties. <i>Materials</i> , <b>2021</b> , 14,	3.5	8
347	Evaluation of ICP-OES Method for Heavy Metal and Metalloids Determination in Sterile Dump Material. <i>Solid State Phenomena</i> , <b>2018</b> , 273, 159-166	0.4	8
346	Surface integrity of steel fibre reinforced fly ash geopolymer in CNC lathe operation <b>2018</b> ,		8
345	Properties and Behavior of Geopolymer Concrete Subjected to Explosive Air Blast Loading: A Review. <i>MATEC Web of Conferences</i> , <b>2017</b> , 97, 01019	0.3	7
344	Effect of Alkaline Solution to Fly Ash Ratio on Geopolymer Mortar Properties. <i>Key Engineering Materials</i> , <b>2017</b> , 733, 85-88	0.4	7



343	Surface Topographical Modification of Coronary Stent: A Review. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 209, 012031	0.4	7
342	Effect of graphite loading on properties of polyaniline/graphite composites. <i>Polymer Bulletin</i> , <b>2018</b> , 75, 209-220	2.4	7
341	Microstructure and Mechanical Properties of Fly Ash Particulate Reinforced in LM6 for Energy Enhancement in Automotive Applications. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 133, 012046	0.4	7
340	Effect of Mixing Technique on Epoxy Resin Nanocomposites Filled Fly Ash Based Geopolymer to Compressive Properties. <i>Key Engineering Materials</i> , <b>2016</b> , 673, 55-63	0.4	7
339	A Comprehensive Characterization and Determination of Fly Ashes in Indonesia Using Different Methods. <i>Applied Mechanics and Materials</i> , <b>2015</b> , 754-755, 320-325	0.3	7
338	Reviews on Clay Geopolymer Ceramic Using Powder Metallurgy Method. <i>Materials Science Forum</i> , <b>2014</b> , 803, 81-87	0.4	7
337	Radiation Shielding Characteristics of Concretes Incorporates Different Particle Sizes of Various Waste Materials. <i>Advanced Materials Research</i> , <b>2014</b> , 925, 190-194	0.5	7
336	Fly Ash Based Lightweight Geopolymer Concrete Using Foaming Agent Technology. <i>Applied Mechanics and Materials</i> , <b>2014</b> , 679, 20-24	0.3	7
335	Thermal Management of Electronic Components by Using Computational Fluid Dynamic (CFD) Software, FLUENTTM in Several Material Applications (Epoxy, Composite Material & Nanosilver). <i>Advanced Materials Research</i> , <b>2013</b> , 795, 141-147	0.5	7
334	Mechanical Properties and Morphology of Palm Slag, Calcium Carbonate and Dolomite Filler in Brake Pad Composites. <i>Applied Mechanics and Materials</i> , <b>2013</b> , 313-314, 174-178	0.3	7
333	Alteration in the Microstructure of Fly Ash Geopolymers upon Exposure to Elevated Temperatures. <i>Advanced Materials Research</i> , <b>2013</b> , 795, 201-205	0.5	7
332	Strength of Concrete Based Cement Using Recycle Ceramic Waste as Aggregate. <i>Advanced Materials Research</i> , <b>2013</b> , 740, 734-738	0.5	7
331	Thermal Insulation Properties of Insulated Concrete. <i>Revista De Chimie (discontinued)</i> , <b>2019</b> , 70, 3027-3031	1.8	7
330	Tool Wear and Surface Evaluation in Drilling Fly Ash Geopolymer Using HSS, HSS-Co, and HSS-TiN Cutting Tools. <i>Materials</i> , <b>2021</b> , 14,	3.5	7
329	Review on Characterization and Mechanical Performance of Self-cleaning Concrete. <i>MATEC Web of Conferences</i> , <b>2017</b> , 97, 01022	0.3	6
328	Corrosion of Mild Steel by Urban River Water. <i>Instrumentation Science and Technology</i> , <b>2015</b> , 43, 545-557	1.4	6
327	A Review on Fly Ash Based Geopolymer Rubberized Concrete. <i>Key Engineering Materials</i> , <b>2016</b> , 700, 183-196	1.6	6
326	A Review on the Manufacturing of Lightweight Aggregates Using Industrial By-Product. <i>MATEC Web of Conferences</i> , <b>2016</b> , 78, 01067	0.3	6

325	The Strength of Bottom Ash-Based Geopolymer Brick with Inclusion of Fly Ash. <i>Materials Science Forum</i> , <b>2016</b> , 841, 26-29	0.4	6
324	Performance and Characterization of Geopolymer Concrete Reinforced with Short Steel Fiber. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 209, 012038	0.4	6
323	Synthesis and Characterization of TiO <sub>2</sub> /SiO <sub>2</sub> Thin Film via Sol-Gel Method. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 209, 012002	0.4	6
322	A New Invention of Thermal Pad Using Sol-Gel Nanosilver Doped Silica Film in Plastic Leaded Chip Carrier (PLCC) Application by Using Computational Fluid Dynamic Software, CFD Analysis. <i>Advanced Materials Research</i> , <b>2013</b> , 795, 158-163	0.5	6
321	A State-of-the-Art Review on Innovative Geopolymer Composites Designed for Water and Wastewater Treatment. <i>Materials</i> , <b>2021</b> , 14,	3.5	6
320	Compressive Strength and Thermal Conductivity of Fly Ash Geopolymer Concrete Incorporated with Lightweight Aggregate, Expanded Clay Aggregate and Foaming Agent. <i>Revista De Chimie (discontinued)</i> , <b>2019</b> , 70, 4021-4028	1.8	6
319	Evaluation on the Mechanical Properties of Ground Granulated Blast Slag (GGBS) and Fly Ash Stabilized Soil via Geopolymer Process. <i>Materials</i> , <b>2021</b> , 14,	3.5	6
318	Effect of NaOH concentration and fly ash/alkaline activator ratio on the compressive strength of road base material <b>2018</b> ,		6
317	Effect of solid-to-liquid ratios on metakaolin geopolymers <b>2018</b> ,		6
316	Phase study of titanium dioxide nanoparticle prepared via sol-gel process. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 343, 012011	0.4	6
315	Geopolymer as underwater concreting material: A review. <i>Construction and Building Materials</i> , <b>2021</b> , 291, 123276	6.7	6
314	Epoxy Layered Silicates with Fly Ash-Based Geopolymer: Flexural Properties. <i>Materials Science Forum</i> , <b>2015</b> , 819, 290-294	0.4	5
313	Characterisation and understanding of Portland cement mortar with different sizes of bottom ash. <i>Advances in Cement Research</i> , <b>2018</b> , 30, 66-74	1.8	5
312	Investigation on Leaching Behaviour of Fly Ash and Bottom Ash Replacement in Self-Compacting Concrete. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 133, 012036	0.4	5
311	Review on Potential of Geopolymer for Concrete Repair and Rehabilitation. <i>MATEC Web of Conferences</i> , <b>2016</b> , 78, 01065	0.3	5
310	Strength, Density and Water Absorption of Palm Oil Boiler Ash (POBA) Geopolymer Brick/IBS Brick. <i>Key Engineering Materials</i> , <b>2016</b> , 673, 21-28	0.4	5
309	The Experimental Determination of the Friction Stress between the Semi-Product and the Active Plate at the Multiaxial Forging of Copper. <i>Materials Science Forum</i> , <b>2014</b> , 803, 216-221	0.4	5
308	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> , <b>2013</b> , 795, 509-512	0.5	5

307	New Processing Method of Kaolin-Based Geopolymer Brick by Using Geopolymer Brick Machine. <i>Key Engineering Materials</i> , <b>2013</b> , 594-595, 406-410	0.4	5
306	Review on thermal insulation performance in various type of concrete <b>2017</b> ,		5
305	Chemical composition and strength of dolomite geopolymer composites <b>2017</b> ,		5
304	ZnO Photoanode Effect on the Efficiency Performance of Organic Based Dye Sensitized Solar Cell. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 209, 012028	0.4	5
303	Comparative study on early strength of sodium hydroxide (NaOH) activated fly ash based geopolymer <b>2017</b> ,		5
302	The Electrical Resistivity of Geopolymer Paste by Using Wenner Four Probe Method. <i>Key Engineering Materials</i> , <b>2015</b> , 660, 28-33	0.4	5
301	Mean Imputation Techniques for Filling the Missing Observations in Air Pollution Dataset. <i>Key Engineering Materials</i> , <b>2013</b> , 594-595, 902-908	0.4	5
300	Thermal Properties of Different Recycled Acrylonitrile-Butadiene Rubber Glove (NBRr) Size and its Blend Ratios on SBR/NBRr Blends. <i>Advanced Materials Research</i> , <b>2013</b> , 795, 377-382	0.5	5
299	Dynamic Mechanical Properties of Hybrid Layered Silicates/Kaolin Geopolymer Filler in Epoxy Composites <b>2017</b> , 54, 543-545		5
298	Mechanism of Cement Paste with Different Particle Sizes of Bottom Ash as Partial Replacement in Portland Cement. <i>Revista De Chimie (discontinued)</i> , <b>2017</b> , 68, 2367-2372	1.8	5
297	Seawater Exposure Effect on Fly Ash based Geopolymer Concrete with Inclusion of Steel Fiber. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 743, 012013	0.4	5
296	Warpage Optimisation on the Moulded Part with Straight Drilled and Conformal Cooling Channels Using Response Surface Methodology (RSM), Glowworm Swarm Optimisation (GSO) and Genetic Algorithm (GA) Optimisation Approaches. <i>Materials</i> , <b>2021</b> , 14,	3.5	5
295	Optimisation of Shrinkage and Strength on Thick Plate Part Using Recycled LDPE Materials. <i>Materials</i> , <b>2021</b> , 14,	3.5	5
294	The Effect of Geopolymer Ceramic Additions to The Wettability and Shear strength of Sn-Ag-Cu (SAC) Solder: A Preliminary Study. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 551, 012081	0.4	5
293	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> , <b>2019</b> , 233, 721-733	1.3	5
292	Optimization of the use of mother liquor in the synthesis of HKUST-1 and their performance for removal of chromium (VI) in aqueous solutions. <i>Journal of Water Process Engineering</i> , <b>2021</b> , 39, 101670	6.7	5
291	Performance and properties of glass fiber and its utilization in concrete - A review <b>2018</b> ,		5
290	The effect of various molarities of NaOH solution on fly ash geopolymer paste <b>2018</b> ,		5

289	Comparison of thermal performance between fly ash geopolymer and fly ash-ladle furnace slag geopolymer. <i>Journal of Non-Crystalline Solids</i> , <b>2022</b> , 585, 121527	3.9	5
288	Performance of steel wool fiber reinforced geopolymer concrete <b>2017</b> ,		4
287	Characterization of Epoxy-Layered Silicates Filled with Fly Ash-Based Geopolymer. <i>Applied Mechanics and Materials</i> , <b>2015</b> , 754-755, 225-229	0.3	4
286	Study on The Geopolymer Concrete Properties Reinforced with Hooked Steel Fiber. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 267, 012014	0.4	4
285	The Usage of Glass Waste as Cement Replacement. <i>Key Engineering Materials</i> , <b>2016</b> , 673, 95-104	0.4	4
284	Morphology and Properties of Geopolymer Coatings on Glass Fibre-Reinforced Epoxy (GRE) pipe. <i>MATEC Web of Conferences</i> , <b>2016</b> , 78, 01069	0.3	4
283	Effect of Microwave Curing to the Compressive Strength of Fly Ash Based Geopolymer Mortar. <i>Materials Science Forum</i> , <b>2016</b> , 841, 193-199	0.4	4
282	Effect of Alkali Concentration on Fly Ash Geopolymers. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 343, 012013	0.4	4
281	Corrosion Studies of Fly Ash and Fly Ash-Slag Based Geopolymer. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 209, 012026	0.4	4
280	Bond Strength Mechanism of Fly Ash Based Geopolymer Mortars: A Review. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 267, 012008	0.4	4
279	Laser Cutting of Coronary Stents: Progress and Development in Laser Based Stent Cutting Technology. <i>Key Engineering Materials</i> , <b>2015</b> , 660, 345-350	0.4	4
278	The Effect of NaOH Concentration and Curing Condition to the Strength and Shrinkage Performance of Recycled Geopolymer Concrete. <i>Materials Science Forum</i> , <b>2014</b> , 803, 194-200	0.4	4
277	Numerical Investigation of Heat Transfer of Twelve Plastic Leaded Chip Carrier (PLCC) by Using Computational Fluid Dynamic, FLUENTTM Software. <i>Advanced Materials Research</i> , <b>2013</b> , 795, 603-610	0.5	4
276	Compressive Strength and Morphology of Fly Ash Based Geopolymer as Artificial Aggregate with Different Curing Temperature. <i>Key Engineering Materials</i> , <b>2013</b> , 594-595, 151-155	0.4	4
275	Study on Physical and Chemical Properties of Fly Ash from Different Area in Malaysia. <i>Key Engineering Materials</i> , <b>2013</b> , 594-595, 985-989	0.4	4
274	Research Advances of Composite Solder Material Fabricated via Powder Metallurgy Route. <i>Advanced Materials Research</i> , <b>2012</b> , 626, 791-796	0.5	4
273	Reviews on the Properties of Aggregates Made with or without Geopolymerisation Method. <i>Advanced Materials Research</i> , <b>2012</b> , 626, 892-895	0.5	4
272	A Study on the Synthesis of Fly Ash-Based Lightweight Aggregate Geopolymer Concrete. <i>Advanced Science Letters</i> , <b>2013</b> , 19, 282-285	0.1	4

271	The Incorporation of Sodium Hydroxide (NaOH) Concentration and CaO-Si Components on Ground Granulated Blast Furnace Slag Geopolymers.. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 864, 012005	0.4	4
270	Self-Fluxing Mechanism in Geopolymerization for Low-Sintering Temperature of Ceramic. <i>Materials</i> , <b>2021</b> , 14,	3.5	4
269	Recent developments in fire retardant glass fibre reinforced epoxy composite and geopolymer as a potential fire-retardant material: A review. <i>Construction and Building Materials</i> , <b>2021</b> , 277, 122246	6.7	4
268	Influence of kaolin geopolymer ceramic additions to the wettability and electrical properties of Sn-3.0Ag-0.5Cu (SAC305) lead free solder. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 701, 012033	0.4	4
267	Pull-Out Strength of Hooked Steel Fiber Reinforced Geopolymer Concrete. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 551, 012080	0.4	4
266	Geopolymerization of class C fly ash: Reaction kinetics, microstructure properties and compressive strength of early age. <i>Journal of Non-Crystalline Solids</i> , <b>2021</b> , 553, 120519	3.9	4
265	Properties of polyaniline/graphene oxide (PANI/GO) composites: effect of GO loading. <i>Polymer Bulletin</i> , <b>2021</b> , 78, 4835-4847	2.4	4
264	Phase Transformation of Kaolin-Ground Granulated Blast Furnace Slag from Geopolymerization to Sintering Process. <i>Magnetochemistry</i> , <b>2021</b> , 7, 32	3.1	4
263	Hybrid Mold: Comparative Study of Rapid and Hard Tooling for Injection Molding Application Using Metal Epoxy Composite (MEC). <i>Materials</i> , <b>2021</b> , 14,	3.5	4
262	Degradation of Organic Matter from Stabilized Leachate by Using Zinc Sulphate as Coagulant Agent. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 374, 012047	0.4	4
261	Effect of fly ash/alkaline activator ratio on fly ash geopolymer artificial aggregate <b>2018</b> ,		4
260	The Effect of Different Ratio Bottom Ash and Fly Ash Geopolymer Brick on Mechanical Properties for Non-loading Application. <i>MATEC Web of Conferences</i> , <b>2017</b> , 97, 01017	0.3	3
259	A Review on Processing and Properties of Bottom Ash Based Geopolymer Materials. <i>Key Engineering Materials</i> , <b>2015</b> , 660, 3-8	0.4	3
258	Photocatalytic Behaviour of TiO <sub>2</sub> -geopolymer Paste under Sunlight. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 957, 012006	0.4	3
257	Effect of Solid-to-Liquid Ratio on Thin Fly Ash Geopolymer. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 743, 012006	0.4	3
256	Paraffin as a Phase Change Material in Concrete for Enhancing Thermal Energy Storage. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 743, 012012	0.4	3
255	Study on Fired Clay Bricks by Replacing Clay with Palm Oil Waste: Effects on Physical and Mechanical Properties. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 209, 012037	0.4	3
254	Adhesion Study of Kaolin and White Clay as Source Materials on Non-Metallic Substrate in Geopolymer Coating. <i>Materials Science Forum</i> , <b>2016</b> , 841, 55-58	0.4	3

253	Self-cleaning property of graphene oxide/TiO <sub>2</sub> thin film <b>2019</b> ,		3
252	Element distribution in slag geopolymer using synchrotron based micro-x-ray fluorescence ( $\mu$ -XRF) <b>2019</b> ,		3
251	Optimization of fly ash based geopolymer mix design for rigid pavement application <b>2019</b> ,		3
250	Performance of fly ash based geopolymer incorporating palm kernel shell for lightweight concrete <b>2017</b> ,		3
249	Cementitious Composites Using Recycled Waste. <i>Applied Mechanics and Materials</i> , <b>2015</b> , 754-755, 833-837	3	3
248	Characterization of Soils as Potential Raw Materials for Soil Stabilization Application Using Geopolymerization Method. <i>Materials Science Forum</i> , <b>2014</b> , 803, 135-143	0.4	3
247	Replacement of Lead by Green Tungsten-Brass Composites as a Radiation Shielding Material. <i>Applied Mechanics and Materials</i> , <b>2014</b> , 679, 39-44	0.3	3
246	Review on Development of Clay Based Geopolymer Ceramic Composites. <i>Materials Science Forum</i> , <b>2014</b> , 803, 37-43	0.4	3
245	Study on Properties and Morphology of Kaolin Based Geopolymer Coating on Clay Substrates. <i>Key Engineering Materials</i> , <b>2013</b> , 594-595, 540-545	0.4	3
244	The Influence of Cure Characteristics and Crosslink Density of Virgin Acrylonitrile Butadiene Rubber/Recycled Acrylonitrile Butadiene Rubber (vNBR/rNBR) Blends. <i>Key Engineering Materials</i> , <b>2013</b> , 594-595, 735-739	0.4	3
243	Compressive Strength of Fly Ash Based Geopolymer/Glass Fiber Composite via Filament Winding. <i>Key Engineering Materials</i> , <b>2013</b> , 594-595, 78-82	0.4	3
242	The Comparison between Four PLCC Packages and Eight PLCC Packages in Personal Computer (PC) Using Computational Fluid Dynamic (CFD), FLUENT Software™ Using Epoxy Moulding Compound Material (EMC). <i>Advanced Materials Research</i> , <b>2013</b> , 795, 174-181	0.5	3
241	Effects of Recycled-Aluminum Additions on the Mechanical Properties of Sn-0.7Cu/Cu-Substrate Lead-Free Solder Joints. <i>Advanced Materials Research</i> , <b>2013</b> , 795, 446-450	0.5	3
240	Mechanical Properties and Wear Behavior of Brake Pads Produced from Palm Slag. <i>Advanced Materials Research</i> , <b>2011</b> , 341-342, 26-30	0.5	3
239	Lightweight Fly Ash-Based Geopolymer Concrete. <i>Advanced Materials Research</i> , <b>2012</b> , 626, 781-785	0.5	3
238	Three Dimensional Simulation of Thermal Pad Using Nanomaterial, Nanosilver in Semiconductor and Electronic Component Application. <i>Advanced Materials Research</i> , <b>2012</b> , 626, 980-988	0.5	3
237	Effect of Mechanical Activation on Kaolin-Based Geopolymers. <i>Advanced Materials Research</i> , <b>2012</b> , 479-481, 357-361	0.5	3
236	Effect of Curing Regimes on Metakaolin Geopolymer Pastes Produced from Geopolymer Powder. <i>Advanced Materials Research</i> , <b>2012</b> , 626, 931-936	0.5	3

235	Study on Refractory Materials Application Using Geopolymer Processing. <i>Advanced Science Letters</i> , <b>2013</b> , 19, 221-223	0.1	3
234	Mechanical Performances of Fly Ash Geopolymer Bricks. <i>Advanced Science Letters</i> , <b>2013</b> , 19, 186-189	0.1	3
233	Elevated-Temperature Performance, Combustibility and Fire Propagation Index of Fly Ash-Metakaolin Blend Geopolymers with Addition of Monoaluminium Phosphate (MAP) and Aluminum Dihydrogen Triphosphate (ATP). <i>Materials</i> , <b>2021</b> , 14,	3.5	3
232	A study on hardness behavior of geopolymer paste in different condition <b>2016</b> ,		3
231	Properties of Natural Rubber/Styrene Butadiene Rubber/Recycled Nitrile Glove (NR/SBR/rNBRg) Blends: The Effects of Recycled Nitrile Glove (rNBRg) Particle Sizes. <i>Key Engineering Materials</i> , <b>2016</b> , 673, 151-160	0.4	3
230	Effect of Antioxidant Characteristic from Waste Cooking Oil in Modified Asphalt Binder. <i>Key Engineering Materials</i> , <b>2016</b> , 700, 197-206	0.4	3
229	Mesoporous Structure of Doped and Undoped PEG on Ag/TiO <sub>2</sub> Thin Film. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 551, 012098	0.4	3
228	Porous Metakaolin Geopolymers with Tailored Thermal Conductivity. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 551, 012088	0.4	3
227	Effect of graphene oxide on microstructure and optical properties of TiO <sub>2</sub> thin film. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 701, 012011	0.4	3
226	Effect of glycerol content on mechanical, microstructure and physical properties of thermoplastic potato starch film <b>2018</b> ,		3
225	Effect of Mixing Temperature on Characteristics of Thermoplastic Potato Starch Film. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 374, 012083	0.4	3
224	A review on surface integrity of steel fibre reinforced fly ash geopolymer using lathe operation <b>2018</b> ,		3
223	A review on cutting tool wear in the machining of fly ash geopolymer <b>2018</b> ,		3
222	Evaluation on the rheological and mechanical properties of concrete incorporating eggshell with tire powder. <i>Journal of Materials Research and Technology</i> , <b>2021</b> , 14, 439-451	5.5	3
221	XRD and FTIR study of the effect of ultra high molecular weight polyethylene (UHMWPE) as binder on kaolin geopolymer ceramics <b>2017</b> ,		2
220	Incorporation of polydimethylsiloxane with reduced graphene oxide and zinc oxide for tensile and electrical properties <b>2017</b> ,		2
219	Durability of metakaolin geopolymers with various sodium silicate/sodium hydroxide ratios against seawater exposure <b>2017</b> ,		2
218	Reduced-graphene oxide in flexible substrate for wearable physiological sensor - A review <b>2017</b> ,		2

217	Effect of Solid/Liquid Ratio on Mechanical Properties of Kaolin Coated Teak Wood via Geopolymer Technology. <i>Applied Mechanics and Materials</i> , <b>2015</b> , 754-755, 708-713	0.3	2
216	Comparison Characterization of Geopolymer Source Materials for Coating Application. <i>Applied Mechanics and Materials</i> , <b>2015</b> , 754-755, 664-670	0.3	2
215	Mechanical Properties of Artificial Lightweight Geopolymer Aggregate (ALGA) Concrete using Volcano Mud with Various Sintering Temperature. <i>Applied Mechanics and Materials</i> , <b>2015</b> , 754-755, 279-283	0.3	2
214	Epoxy Hardener Filled with Geopolymer Materials for Piping Application: Flexural Properties. <i>Key Engineering Materials</i> , <b>2015</b> , 660, 44-48	0.4	2
213	Heat Evolution of Class C Fly Ash Geopolymers with Different Molarity of Sodium Hydroxide: Nucleation Growth and Morphology Properties towards Early Strength Evaluation. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 864, 012008	0.4	2
212	Use of Incineration Solid Waste Bottom Ash as Cement Mixture in Cement Production. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 209, 012082	0.4	2
211	Fabrication of Porous Ceramic-Geopolymer Based Material to Improve Water Absorption and Retention in Construction Materials: A Review. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 209, 012004	0.4	2
210	Roles of Calcium in Geopolymer Containing Paper Mill Sludge Ash. <i>Materials Science Forum</i> , <b>2018</b> , 917, 311-315	0.4	2
209	Compressive mechanical properties of sawdust/high density polyethylene composites under various strain rate loadings. <i>Journal of Vinyl and Additive Technology</i> , <b>2018</b> , 24, 162-173	2	2
208	Effect of Thermal Aging on the Interfacial of Sn-Zn and Sn-Zn-Bi Solders Joint on Cu Substrate. <i>Key Engineering Materials</i> , <b>2016</b> , 700, 113-122	0.4	2
207	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> , <b>2016</b> , 857, 412-415	0.4	2
206	Analysis of the Thermal and Magnetic Properties of Amorphous Fe <sub>61</sub> Co <sub>10</sub> Zr <sub>2.5</sub> Hf <sub>2.5</sub> Me <sub>2</sub> W <sub>2</sub> B <sub>20</sub> (Where Me = Mo, Nb, Ni Or Y) Ribbons. <i>Archives of Metallurgy and Materials</i> , <b>2016</b> , 61, 641-644		2
205	Effect of Glass Reinforced Epoxy (GRE) pipe filled with Geopolymer Materials for Piping Application: Compression Properties. <i>MATEC Web of Conferences</i> , <b>2016</b> , 78, 01066	0.3	2
204	Performances of Artificial Lightweight Geopolymer Aggregate (ALGA) in OPC Concrete. <i>Key Engineering Materials</i> , <b>2016</b> , 673, 29-35	0.4	2
203	The Effects on Cure Characteristics, Physico-Mechanical Properties and Morphology of Bamboo Activated Carbon Filled Styrene Butadiene Rubber (SBR) Vulcanizates. <i>Key Engineering Materials</i> , <b>2016</b> , 673, 131-140	0.4	2
202	Assessment to the Solid to Liquid Ratios on the Soil Strength and Water Absorption of the Kedah Soil. <i>Materials Science Forum</i> , <b>2016</b> , 841, 59-64	0.4	2
201	Characteristics of Thermoplastic Potato Starch/Bentonite Nanocomposite Film. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 374, 012025	0.4	2
200	Improvement of Properties of Aluminum Bronze CuAl <sub>7</sub> Mn <sub>3</sub> by Heat Treatments. <i>Applied Mechanics and Materials</i> , <b>2014</b> , 657, 412-416	0.3	2



199	Microstructure and mechanical properties of lead-free Sn-Cu-Ni composite solder paste reinforced with silicon (Si) particles <b>2017</b> ,		2
198	Rice husk (RH) as additive in fly ash based geopolymer mortar <b>2017</b> ,		2
197	Properties of fired clay brick incorporating with sewage sludge waste <b>2017</b> ,		2
196	Mechanical Properties of Graphene-Rubber Nanocomposites. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 267, 012009	0.4	2
195	Assessment of Functional and Dysfunctional On Implant Stability Measurement for Quality Of Life. <i>MATEC Web of Conferences</i> , <b>2017</b> , 97, 01116	0.3	2
194	Effect of Recycled Nitrile Glove (rNBRg) Particle Sizes on Curing Characteristics and Physical Properties of Natural Rubber/Styrene Butadiene Rubber/Recycled Nitrile Glove (NR/SBR/rNBRg) Blends. <i>Applied Mechanics and Materials</i> , <b>2015</b> , 815, 54-58	0.3	2
193	Correlation between Na <sub>2</sub> SiO <sub>3</sub> /NaOH and NaOH Molarity to Flexural Strength of Geopolymer Ceramic. <i>Applied Mechanics and Materials</i> , <b>2015</b> , 754-755, 152-156	0.3	2
192	Comparison between Thermal Interface Materials Made of Nano Carbon Tube (NCT) with Gad Pad 2500 in Term of Junction Temperature by Using CFD Software, FluentTM. <i>Materials Science Forum</i> , <b>2014</b> , 803, 243-249	0.4	2
191	Simulation of Nano Carbon Tube (NCT) in Thermal Interface Material for Electronic Packaging Application by Using CFD Software. <i>Materials Science Forum</i> , <b>2014</b> , 803, 337-342	0.4	2
190	Preparation of Cyclopentyl Trisilanol Silsesquioxanes - Modified Natural Rubber (CpSSQ(OH) <sub>3</sub> ENR-50) Composite Hybrid in the Presence of HCL Acid. <i>Advanced Materials Research</i> , <b>2013</b> , 795, 251-255 <sup>0.5</sup>		2
189	Cu-SiCp Composites as Advanced Electronic Packaging Materials. <i>Key Engineering Materials</i> , <b>2013</b> , 594-595, 852-856	0.4	2
188	Effect of Fly Ash/Alkaline Activator Ratio and Sodium Silicate/NaOH Ratio on Fly Ash Geopolymer Coating Strength. <i>Key Engineering Materials</i> , <b>2013</b> , 594-595, 146-150	0.4	2
187	Performance and Emission Characteristics of Diesel Engine Running on Blended Palm Oil. <i>Advanced Materials Research</i> , <b>2013</b> , 795, 164-169	0.5	2
186	Fire Resistance Evaluation of Lightweight Geopolymer Concrete System Exposed to Elevated Temperatures of 100-800 °C. <i>Key Engineering Materials</i> , <b>2013</b> , 594-595, 427-432	0.4	2
185	Mechanical Properties of ZTA Composite Using Cold Isostatic Pressing and Uniaxial Pressing. <i>Advanced Materials Research</i> , <b>2013</b> , 740, 728-733	0.5	2
184	Production of effective microorganism using halal-based sources: A review. <i>African Journal of Biotechnology</i> , <b>2011</b> , 10,	0.6	2
183	Potential of Marine Clay as Raw Material in Geopolymer Composite. <i>Advanced Materials Research</i> , <b>2012</b> , 626, 963-966	0.5	2
182	Influence of Solidification Process on Calcined Kaolin Geopolymeric Powder. <i>Advanced Materials Research</i> , <b>2012</b> , 479-481, 286-291	0.5	2

181	Comparative mechanical and microstructural properties of high calcium fly ash one-part geopolymers activated with Na <sub>2</sub> SiO <sub>3</sub> -anhydrous and NaAlO <sub>2</sub> . <i>Journal of Materials Research and Technology</i> , <b>2021</b> , 15, 3850-3866	5.5	2
180	A Review of Geopolymer Based Metakaolin Membrane as an Effective Adsorbent for Waste Water Treatment.. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 864, 012128	0.4	2
179	Properties of Mortar with Waste Tyre Rubber as Partial Sand Replacement. <i>Key Engineering Materials</i> , <b>879</b> , 49-61	0.4	2
178	Meta-analysis of studies on eggshell concrete using mixed regression and response surface methodology. <i>Journal of King Saud University, Engineering Sciences</i> , <b>2021</b> ,	2.2	2
177	The Influence of MMA Esterification on Interfacial Adhesion and Mechanical Properties of Hybrid Kenaf Bast/Glass Fiber Reinforced Unsaturated Polyester Composites. <i>Materials</i> , <b>2021</b> , 14,	3.5	2
176	Adhesiveness of Kaolin Based Coating Material on Lumber Wood. <i>Key Engineering Materials</i> , <b>2016</b> , 673, 47-54	0.4	2
175	Oil Palm Clinker Potentility for Producing Lightweight Concrete: Compressive Strength, Tensile and Modulus of Elasticity Analysis. <i>Materials Science Forum</i> , <b>2016</b> , 841, 200-209	0.4	2
174	Properties of Steel Mill Sludge Waste Incorporated in Fired Clay Brick. <i>Materials Science Forum</i> , <b>2016</b> , 857, 358-362	0.4	2
173	Mechanical and Physical Properties of In-Zn-Ga Lead-Free Solder Alloy for Low Energy Consumption. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 133, 012048	0.4	2
172	Mechanical Properties and Thermal Conductivity of Lightweight Foamed Geopolymer Concretes. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 551, 012089	0.4	2
171	Microstructure and Wettability of Graphene Oxide/TiO <sub>2</sub> Thin Film Prepared via Sol-gel Method. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 551, 012099	0.4	2
170	The Effect of Different Crumb Rubber Loading on the Properties of Fly Ash-Based Geopolymer Concrete. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 551, 012079	0.4	2
169	Improvement of Kaolin Based Geopolymer Coated Wood Substrates for Use in NaOH Molarity. <i>Materials Science Forum</i> , <b>2019</b> , 967, 241-249	0.4	2
168	Performance of fly ash based geopolymer concrete in seawater exposure <b>2021</b> ,		2
167	Optimizing of the Cementitious Composite Matrix by Addition of Steel Wool Fibers (Chopped) Based on Physical and Mechanical Analysis. <i>Materials</i> , <b>2021</b> , 14,	3.5	2
166	Performance of Sn-3.0Ag-0.5Cu Composite Solder with Kaolin Geopolymer Ceramic Reinforcement on Microstructure and Mechanical Properties under Isothermal Ageing. <i>Materials</i> , <b>2021</b> , 14,	3.5	2
165	Role of Sintering Temperature in Production of Nepheline Ceramics-Based Geopolymer with Addition of Ultra-High Molecular Weight Polyethylene. <i>Materials</i> , <b>2021</b> , 14,	3.5	2
164	Dolomite/fly ash alkali activated geopolymer strengths with the influence of solid/liquid ratio <b>2018</b> ,		2

163	The Effect of Baggase Ash on Fly Ash-Based Geopolymer Binder. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 374, 012085	0.4	2
162	Evaluation on mixing parameter of S/L and Na <sub>2</sub> SiO <sub>3</sub> /NaOH ratios towards fly ash geopolymers <b>2018</b> ,		2
161	Effect of anisotropic pores on the material properties of metakaolin geopolymer composites incorporated with corrugated fiberboard and rubber. <i>Journal of Materials Research and Technology</i> , <b>2021</b> , 14, 822-834	5.5	2
160	Mechanical and Durability Analysis of Fly Ash Based Geopolymer with Various Compositions for Rigid Pavement Applications. <i>Materials</i> , <b>2022</b> , 15, 3458	3.5	2
159	The Effect of Corrosive Environment on Geopolymer Concrete Tensile Strength. <i>MATEC Web of Conferences</i> , <b>2017</b> , 97, 01036	0.3	1
158	The Effect of High Temperature on Compression Strength of Geopolymer Paste. <i>MATEC Web of Conferences</i> , <b>2017</b> , 97, 01020	0.3	1
157	Effect on mechanical properties of glass reinforced epoxy (GRE) pipe filled with different geopolymer filler molarity for piping application <b>2017</b> ,		1
156	Effect of different sintering temperature on fly ash based geopolymer artificial aggregate <b>2017</b> ,		1
155	Non-linear assessment and deficiency of linear relationship for healthcare industry <b>2017</b> ,		1
154	Characterization study on secondary sewage sludge for replacement in building materials <b>2017</b> ,		1
153	Compressive and bonding strength of fly ash based geopolymer mortar <b>2017</b> ,		1
152	Effect of heat evolved during geopolymerization to the compressive strength of class C fly ash based geopolymers <b>2019</b> ,		1
151	Surface roughness optimization on rubberized fly ash geopolymer in lathe operation using Taguchi method <b>2019</b> ,		1
150	Experimental Determination of Stress and Deformation Pressure in Nanostructuring Copper by Multiaxial Forging Method. <i>Applied Mechanics and Materials</i> , <b>2015</b> , 754-755, 784-788	0.3	1
149	The Effect of Solid-to-Liquid Ratio and Temperature on Mechanical Properties of Kaolin Geopolymer Ceramics. <i>Key Engineering Materials</i> , <b>2015</b> , 660, 23-27	0.4	1
148	Effect of Geopolymer Concrete Infill on Profiled Steel Sheeting Half Dry Board (PSSHDB) Floor System Subjected to Bending Moment. <i>Applied Mechanics and Materials</i> , <b>2015</b> , 754-755, 354-358	0.3	1
147	Kaolin-Based Geopolymer Filled Epoxy-Layered Silicates: Compressive Properties. <i>Applied Mechanics and Materials</i> , <b>2015</b> , 754-755, 220-224	0.3	1
146	Comparative Study Floor Flexural Behavior of Profiled Steel Sheeting Dry Board between Normal Concrete and Geopolymer Concrete In-Filled. <i>Applied Mechanics and Materials</i> , <b>2015</b> , 754-755, 364-368	0.3	1

145	The Influence of Sodium Hydroxide Concentration on Physical Properties and Strength Development of High Calcium Fly Ash Based Geopolymer as Pavement Base Materials. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 864, 012016	0.4	1
144	Aggregate impact value (AIV) of fly ash geopolymer artificial aggregate at different sodium hydroxide (NaOH) concentration <b>2020</b> ,		1
143	Leachability of fired clay brick incorporating with sewage sludge waste <b>2017</b> ,		1
142	Structural Analysis of CoCrMoSi6 Alloy Used in Medical Applications. <i>Key Engineering Materials</i> , <b>2016</b> , 700, 86-92	0.4	1
141	Properties and Microstructural Characteristic of Kaolin Geopolymer Ceramics with Addition of Ultra High Molecular Weight Polyethylene. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 133, 012023	0.4	1
140	Properties and Leachability of Self-Compacting Concrete Incorporated with Fly Ash and Bottom Ash. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 133, 012039	0.4	1
139	Effect of Geopolymer filler in Glass Reinforced Epoxy (GRE) Pipe for Piping Application: Mechanical Properties. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 133, 012044	0.4	1
138	Performance of Straight Steel Fibres Reinforced Alkali Activated Concrete. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 133, 012045	0.4	1
137	Compressive Properties of White Clay Based Geopolymer Filled Epoxy Composite. <i>Materials Science Forum</i> , <b>2016</b> , 841, 30-33	0.4	1
136	An Application of Rice Husk Ash (RHA) and Calcium Carbonate (CaCo3) as Material for Self-Healing Cement. <i>Key Engineering Materials</i> , <b>2016</b> , 673, 3-12	0.4	1
135	Preparation of Heat Treated Titanium Dioxide (TiO2) Nanoparticles for Water Purification. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 374, 012084	0.4	1
134	Tool wear evaluation on rubberized fly ash geopolymer milling <b>2019</b> ,		1
133	A review on durability performance of reinforcement bar in geopolymer paste compare with its performance in ordinary Portland cement paste <b>2019</b> ,		1
132	Surface integrity of rubberized geopolymer fly ash geopolymer in milling machining <b>2019</b> ,		1
131	Epoxy Layered-Silicates Filled with Fly Ash Based Geopolymer: Compressive Properties. <i>Materials Science Forum</i> , <b>2014</b> , 803, 58-62	0.4	1
130	Cross Section Optimization of Plane Truss among Different Spans. <i>Applied Mechanics and Materials</i> , <b>2014</b> , 679, 1-5	0.3	1
129	Density and morphology studies on bottom ash and fly ash geopolymer brick <b>2017</b> ,		1
128	Microstructural and phase analysis of Sn-Cu-Ni-XSiC composite solder <b>2017</b> ,		1

127	Correlation between hardness and water absorption properties of Saudi kaolin and white clay geopolymer coating <b>2017</b> ,		1
126	The production of Malaysia bamboo charcoal ( <i>Gigantochloa albociliata</i> ) as the potential absorbent <b>2017</b> ,		1
125	The effect Na <sub>2</sub> SiO <sub>3</sub> /NaOH ratio to specific gravity and water absorption of artificial geopolymer aggregate dolomite based <b>2017</b> ,		1
124	Mechanical properties effect on molarity of epoxy hardener filled with geopolymer materials for piping application: Flexural properties <b>2017</b> ,		1
123	The relationship between vickers microhardness and compressive strength of functional surface geopolymers <b>2017</b> ,		1
122	The relationship between Vickers microhardness and compressive strength of functional surface geopolymers <b>2017</b> ,		1
121	Study on quality improvement of palm trunk by thermoplastic impregnation <b>2017</b> ,		1
120	Study on quality improvement of palm trunk by thermoplastic impregnation <b>2017</b> ,		1
119	A Review [Manufacturing on Rubberized Concrete Filled Recycled Tire Rubber. <i>Key Engineering Materials</i> , <b>2015</b> , 660, 249-253	0.4	1
118	Synthesis of Alum from Discarded Aluminium Beverage Cans. <i>Key Engineering Materials</i> , <b>2015</b> , 660, 284-288	0.4	1
117	Effect of NaOH Concentration on Microstructure of Boiler Ash Based Geopolymer. <i>Materials Science Forum</i> , <b>2014</b> , 803, 173-178	0.4	1
116	Production of Fiber Glass Reinforced Geopolymer Composite Pipe. <i>Materials Science Forum</i> , <b>2014</b> , 803, 29-36	0.4	1
115	Effects of Electro Osmotic Consolidation in South West of Johor: Small Laboratory Scale. <i>Materials Science Forum</i> , <b>2014</b> , 803, 255-264	0.4	1
114	Potential Application of Palm Ash as a Raw Materials in Production of Green Glass. <i>Advanced Materials Research</i> , <b>2012</b> , 626, 1006-1009	0.5	1
113	Effect of Pyrolysis Temperature on the Synthesis of Carbon Fiber from Natural Organic Waste. <i>Key Engineering Materials</i> , <b>2013</b> , 594-595, 128-132	0.4	1
112	Study of Concrete Using Modified Polystyrene Coarse Aggregate. <i>Advanced Materials Research</i> , <b>2013</b> , 740, 502-506	0.5	1
111	The Effect of Iron Fillings Waste Contents on the Attenuation Level of Anti-Radiation Shielding Concrete. <i>Advanced Materials Research</i> , <b>2013</b> , 795, 195-200	0.5	1
110	Effect on Strength and Hardness of Clay Ceramic Substrate after Treatment Using Koalin Based Geopolymer Glaze. <i>Key Engineering Materials</i> , <b>2013</b> , 594-595, 575-580	0.4	1

109	Influence of Dolomite on the Mechanical Properties of Boiler Ash Geopolymer Paste. <i>Key Engineering Materials</i> , <b>2013</b> , 594-595, 8-12	0.4	1
108	Fabrication of Cu-SiCp Composites via the Electroless Copper Coating Process for the Electronic Packaging Applications. <i>Advanced Materials Research</i> , <b>2013</b> , 795, 272-275	0.5	1
107	The Thermal Expansion Behaviors of Cu-SiCp Composites. <i>Advanced Materials Research</i> , <b>2013</b> , 795, 237-240	0.4	1
106	On the Fatigue of Shape Memory Alloys. <i>Key Engineering Materials</i> , <b>2013</b> , 594-595, 133-139	0.4	1
105	Machining Performance of Reinforced Alumina Insert in End Milling of AISI 1018 Steel. <i>Advanced Materials Research</i> , <b>2013</b> , 795, 597-602	0.5	1
104	Reviews on the Geopolymer Materials for Coating Application. <i>Advanced Materials Research</i> , <b>2012</b> , 626, 958-962	0.5	1
103	Potential Applications of Geopolymer Cement-Based Composite as Self-Cleaning Coating: A Review. <i>Coatings</i> , <b>2022</b> , 12, 133	2.9	1
102	Potential of Soil Stabilization Using Ground Granulated Blast Furnace Slag (GGBFS) and Fly Ash via Geopolymerization Method: A Review.. <i>Materials</i> , <b>2022</b> , 15,	3.5	1
101	The Effect of Sodium Carbonate on the Fresh and Hardened Properties of Fly Ash-Based One-Part Geopolymer. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 864, 012197	0.4	1
100	Mechanical and physical properties of bottom ash/fly ash geopolymer for pavement brick application. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 743, 012029	0.4	1
99	Thermal Exposure of Fly Ash-Metakaolin Blend Geopolymer with Addition of Monoaluminum Phosphate (MAP). <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 864, 012011	0.4	1
98	Characterization of Fly ash and Ground Granulated Blast Slag for Soil Stabilization Application Using Geopolymerization Method. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 864, 012013	0.4	1
97	The Effect of Seawater on The Strength, Microstructure and Elemental Distribution of Fly Ash/ Kaolin Based Underwater Geopolymer. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 864, 012014	0.4	1
96	Warpage Optimisation Using Recycled Polycar-bonates (PC) on Front Panel Housing. <i>Materials</i> , <b>2021</b> , 14,	3.5	1
95	Image Analysis of Surface Porosity Mortar Containing Processed Spent Bleaching Earth. <i>Materials</i> , <b>2021</b> , 14,	3.5	1
94	Nonisothermal Kinetic Degradation of Hybrid CNT/Alumina Epoxy Nanocomposites. <i>Metals</i> , <b>2021</b> , 11, 657	2.3	1
93	Influence of Sintering Temperature of Kaolin, Slag, and Fly Ash Geopolymers on the Microstructure, Phase Analysis, and Electrical Conductivity. <i>Materials</i> , <b>2021</b> , 14,	3.5	1
92	Correlation of the Na <sub>2</sub> SiO <sub>3</sub> to NaOH Ratios and Solid to Liquid Ratios to the Kedah Soil Strength. <i>MATEC Web of Conferences</i> , <b>2016</b> , 78, 01071	0.3	1

91	Review on Different Types of Geopolymer Concrete Fibres. <i>Materials Science Forum</i> , <b>2016</b> , 857, 388-394	0.4	1
90	Fabrication of Novel Geopolymer Reinforced Tin Copper Solder in Suppressing Intermetallic Layer Growth. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 551, 012091	0.4	1
89	Characterization of geopolymer ceramic reinforced Sn-0.7Cu composite solder: Effect of milling time and speed.. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 701, 012016	0.4	1
88	Effect of different ratio of geopolymer paste based fly ash-metakaolin on compressive strength and water absorption. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 701, 012010	0.4	1
87	Microstructural studies of doped PEG Ag/TiO <sub>2</sub> thin film. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 701, 012004	0.4	1
86	Performance of Geopolymer Concrete when Exposed to Marine Environment. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 551, 012092	0.4	1
85	A Review on Heat Released in early Geopolymerization by Calorimetric Study. <i>Materials Science Forum</i> , <b>2019</b> , 967, 236-240	0.4	1
84	Development of Ash-Based and Slag-Based Pressed Geopolymer. <i>Lecture Notes in Civil Engineering</i> , <b>2021</b> , 51-72	0.3	1
83	The effect of aggregate content on the expanded lightweight aggregate geopolymer concretes <b>2018</b> ,		1
82	Effect of Solid to Liquid Ratio on Heavy Metal Removal by Geopolymer-Based Adsorbent. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 374, 012045	0.4	1
81	The Influence of Pre-Heated Treatment to Improve Adhesion Bond Coating Strength of Fly Ash Based Geopolymer Ceramic. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 374, 012046	0.4	1
80	Compressive strength and microstructure of fly ash and metakaolin geopolymer blend towards NaOH concentration <b>2018</b> ,		1
79	Effect of molarity of sodium hydroxide on fly ash geopolymer tiles <b>2018</b> ,		1
78	The synergetic compressive strength and microstructure of fly ash and metakaolin blend geopolymer pastes <b>2018</b> ,		1
77	Degree of Reaction and Alkali-Leaching of Geopolymer Containing Ca-Rich Source Material and Dipotassium Hydrogen Phosphate. <i>Key Engineering Materials</i> , <b>2018</b> , 765, 275-279	0.4	1
76	Thermal Resistance of Fly Ash Geopolymers with Alumina as Additive. <i>Solid State Phenomena</i> , <b>2018</b> , 281, 182-188	0.4	1
75	The Mechanical Properties and Thermal Resistance of Fly Ash Geopolymer Foams. <i>Solid State Phenomena</i> , <b>2018</b> , 281, 175-181	0.4	1
74	Fabrication of Lightweight Ceramic Materials Using Geopolymer Technology. <i>Lecture Notes in Civil Engineering</i> , <b>2021</b> , 167-189	0.3	1

73	Geopolymer coating paste on concrete for photocatalytic performance <b>2021</b> ,		1
72	Thin fly ash/ ladle furnace slag geopolymer: Effect of elevated temperature exposure on flexural properties and morphological characteristics. <i>Ceramics International</i> , <b>2022</b> ,	5.1	1
71	Artificial Lightweight Aggregates Made from Pozzolanic Material: A Review on the Method, Physical and Mechanical Properties, Thermal and Microstructure. <i>Materials</i> , <b>2022</b> , 15, 3929	3.5	1
70	Surface Characterization of New Biomaterials. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 209, 012022	0.4	0
69	Characterization of Linear Low Density Polyethylene/Rambutan Peels Flour Blends: Effect of Loading Content. <i>Key Engineering Materials</i> , <b>2016</b> , 673, 171-179	0.4	0
68	Durability of Geopolymer Lightweight Concrete Infilled LECA in Seawater Exposure. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 267, 012012	0.4	0
67	Feasibility Study on Composition and Mechanical Properties of Marine Clay Based Geopolymer Brick. <i>Key Engineering Materials</i> , <b>2013</b> , 594-595, 401-405	0.4	0
66	Calcined Kaolin Geopolymeric Powder: Influence of Water-to-Geopolymeric Powder Ratio. <i>Advanced Materials Research</i> , <b>2012</b> , 548, 48-53	0.5	0
65	Bonding and Phases Analysis of Geopolymer Materials. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 957, 012052	0.4	0
64	Heat evolution of alkali-activated materials: A review on influence factors. <i>Construction and Building Materials</i> , <b>2022</b> , 314, 125651	6.7	0
63	Strength and durability properties of geopolymer paver blocks made with fly ash and brick kiln rice husk ash. <i>Case Studies in Construction Materials</i> , <b>2022</b> , 16, e00800	2.7	0
62	Mitigation of environmental problems using brick kiln rice husk ash in geopolymer composites for sustainable development. <i>Current Research in Green and Sustainable Chemistry</i> , <b>2021</b> , 4, 100193	4.1	0
61	Effects of Thermal Resistance to Fly Ash-Based Lightweight Geopolymer. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2021</b> , 551, 012082	0.4	0
60	Correlation of Thermal Conductivity Versus Bulk Density, Porosity and Compressive Strength of Metakaolin Geopolymer. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 864, 012009	0.4	0
59	Corrosion Control by Using Aluminium as Sacrificial Anode Cathodic Protection (SACP) in Geopolymer Reinforced Concrete. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 864, 012039	0.4	0
58	Characterization of Fly Ash and Metakaolin Blend Geopolymers under Ambient Temperature Condition. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 551, 012086	0.4	0
57	Microstructure Evolution of Ag/TiO <sub>2</sub> Thin Film. <i>Magnetochemistry</i> , <b>2021</b> , 7, 14	3.1	0
56	Performance of Sintered Pozzolanic Artificial Aggregates as Coarse Aggregate Replacement in Concrete. <i>Lecture Notes in Civil Engineering</i> , <b>2021</b> , 191-210	0.3	0



55	Thermo-mechanical behaviour of fly ash-ladle furnace slag blended geopolymer with incorporation of decahydrate borax. <i>Construction and Building Materials</i> , <b>2022</b> , 331, 127337	6.7	o
54	Dynamic Behaviors of Fly Ash-Ground-Granulated Blast-Furnace Slag-High-Magnesium Nickel Slag-Based Geopolymer Paste When Subjected to Impact Compressive Loadings. <i>Advanced Engineering Materials</i> , <b>2019</b> , 21, 1900621	3.5	
53	The Influence of NaOH Concentration on Molar Ratios of Palm Oil Boiler Ash Based Geopolymer. <i>Applied Mechanics and Materials</i> , <b>2015</b> , 754-755, 245-250	0.3	
52	Behavior of CuPb12Sn6 Alloys subjected to Heat Treatments. <i>MATEC Web of Conferences</i> , <b>2016</b> , 78, 010823	0.3	
51	Impact of Thermal Ageing and Multiple Reflow on Lead Free Composite Solder : A Short Review. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 957, 012063	0.4	
50	In Vitro Bioactivity Study of Thermoplastic Starch/Bentonite/Hydroxyapatite Composites for Biomedical Applications. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 743, 012002	0.4	
49	Development of Geopolymer Ceramic as a Potential Reinforcing Material in Solder Alloy: Short review. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 743, 012023	0.4	
48	Synthesis and Characterization of Fly ash based Geopolymer Ceramics: Effect of NaOH Concentration. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 743, 012014	0.4	
47	Compressive strength and thermal conductivity of metakaolin geopolymers with anisotropic insulations. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 743, 012005	0.4	
46	The Structure and Properties of Rapid Cooled Iron Based Alloy. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 209, 012023	0.4	
45	The Effects of Trans-Polyoctylene Rubber (TOR) on the Cure Characteristics and Swelling Behaviour of Activated Carbon Filled Styrene Butadiene Rubber (SBR) Vulcanizates. <i>Materials Science Forum</i> , <b>2016</b> , 857, 164-168	0.4	
44	Leachability of Heavy Metals From Steel Mill Sludge Incorporated in Fired Clay Brick. <i>Materials Science Forum</i> , <b>2016</b> , 857, 347-351	0.4	
43	Strength of Portland Cement with Several Composition of Bottom Ash in Different Fineness with Curing Time of 28 Days. <i>Materials Science Forum</i> , <b>2016</b> , 857, 311-313	0.4	
42	The aluminizing in powder technology of AISI 304 steel. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 133, 012031	0.4	
41	Physical and Mechanical Properties of Bodymill Sludge (BS) Incorporated Into Fired Clay Brick. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 133, 012034	0.4	
40	Optical Data Support on Flexural Strength of Kaolin Coated Lumber Wood via Geopolymer Technology. <i>Materials Science Forum</i> , <b>2016</b> , 857, 431-436	0.4	
39	Flexural and Crack Analysis of Oil Palm Clinker in Lightweight Reinforced Concrete Beams. <i>Key Engineering Materials</i> , <b>2016</b> , 673, 65-74	0.4	
38	Experimental Test and Non-Linear Finite Element Modeling Prediction on Profiled Steel Sheeting Dry Board (PSSDB) with Geopolymer Concrete Infill. <i>Key Engineering Materials</i> , <b>2016</b> , 673, 75-81	0.4	

- 37 Correlation between Mix Design Study and Flexural Strength of Kaolin Coated Lumber Wood via Geopolymer Technology. *Materials Science Forum*, **2016**, 841, 34-39 0.4
- 36 Nickel (Ni) Microalloying Additions in Sn-Cu Lead-free Solder. Short Review. *IOP Conference Series: Materials Science and Engineering*, **2017**, 209, 012084 0.4
- 35 Synthesis of Nanosized Silica and Silver-Doped Silica Nanoparticles for Heat Transfer Fluids Applications. *Key Engineering Materials*, **2015**, 660, 155-160 0.4
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