

# Mohd Mustafa Al Bakri Abdullah

## List of Publications by Year in Descending Order

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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.

468  
papers

4,179  
citations

28  
h-index

52  
g-index

519  
ext. papers

5,629  
ext. citations

1.3  
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5.96  
L-index

| #   | Paper  | IF  | Citations |
|-----|--|-----|-----------|
| 468 | Synthesis of Kaolin Geopolymer as Ceramic Reinforcement in Lead-Free Solder. <i>Journal of Physics: Conference Series</i> , <b>2022</b> , 2169, 012019   | 0.3 |           |
| 467 | Potential Applications of Geopolymer Cement-Based Composite as Self-Cleaning Coating: A Review. <i>Coatings</i> , <b>2022</b> , 12, 133  | 2.9 | 1         |
| 466 | 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         |
| 465 | 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         |
| 464 | 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         |
| 463 | Development of Geopolymer Ceramic-Reinforced Solder. <i>Topics in Mining, Metallurgy and Materials Engineering</i> , <b>2022</b> , 25-51   | 0.4 |           |
| 462 | 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         |
| 461 | 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 | 0         |
| 460 | 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         |
| 459 | 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         |
| 458 | 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         |
| 457 | 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         |
| 456 | 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         |
| 455 | 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         |
| 454 | Microstructure and X-Ray Diffraction Analysis of Aluminum-Fly Ash Composites Produced by Compositing Method. <i>Journal of Testing and Evaluation</i> , <b>2021</b> , 49, 20170609   | 1   |           |
| 453 | Self-Fluxing Mechanism in Geopolymerization for Low-Sintering Temperature of Ceramic. <i>Materials</i> , <b>2021</b> , 14,   | 3.5 | 4         |
| 452 | Warping Optimisation Using Recycled Polycarbonate (PC) on Front Panel Housing. <i>Materials</i> , <b>2021</b> , 14,  | 3.5 | 1         |

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| 451 | 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  |
| 450 | Warping 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  |
| 449 | Image Analysis of Surface Porosity Mortar Containing Processed Spent Bleaching Earth. <i>Materials</i> , <b>2021</b> , 14,   | 3.5 | 1  |
| 448 | 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  |
| 447 | Nonisothermal Kinetic Degradation of Hybrid CNT/Alumina Epoxy Nanocomposites. <i>Metals</i> , <b>2021</b> , 11, 657  | 2.3 | 1  |
| 446 | 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  |
| 445 | 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  |
| 444 | Design of Experiment on Concrete Mechanical Properties Prediction: A Critical Review. <i>Materials</i> , <b>2021</b> , 14,   | 3.5 | 8  |
| 443 | 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  |
| 442 | Optimisation of Shrinkage and Strength on Thick Plate Part Using Recycled LDPE Materials. <i>Materials</i> , <b>2021</b> , 14,   | 3.5 | 5  |
| 441 | 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  |
| 440 | 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 |
| 439 | 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  |
| 438 | Relation between Density and Compressive Strength of Foamed Concrete. <i>Materials</i> , <b>2021</b> , 14,   | 3.5 | 9  |
| 437 | Assessment of the Suitability of Ceramic Waste in Geopolymer Composites: An Appraisal. <i>Materials</i> , <b>2021</b> , 14,  | 3.5 | 15 |
| 436 | Scientific Approach of Geopolymer Concrete Composites using Marginal Materials. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2021</b> , 822, 012039  | 0.3 |    |
| 435 | 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  |
| 434 | 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 |

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| 433 | 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  |
| 432 | 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  |
| 431 | Development of Fly Ash Concrete Using Glass Bubble for Thermal Insulation Building Application. <i>Lecture Notes in Civil Engineering</i> , <b>2021</b> , 73-96  | 0.3 |    |
| 430 | Performance of fly ash based geopolymer concrete in seawater exposure <b>2021</b> ,  |     | 2  |
| 429 | Development of Ash-Based and Slag-Based Pressed Geopolymer. <i>Lecture Notes in Civil Engineering</i> , <b>2021</b> , 51-72  | 0.3 | 1  |
| 428 | Microstructure Evolution of Ag/TiO <sub>2</sub> Thin Film. <i>Magnetochemistry</i> , <b>2021</b> , 7, 14   | 3.1 | 0  |
| 427 | 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  |
| 426 | 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  |
| 425 | The Effect of Thermal Annealing on the Microstructure and Mechanical Properties of Sn-0.7Cu-xZn Solder Joint. <i>Metals</i> , <b>2021</b> , 11, 380  | 2.3 |    |
| 424 | 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  |
| 423 | 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  |
| 422 | 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  |
| 421 | 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 |
| 420 | 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  |
| 419 | Effect of Aluminium Powder on Kaolin-Based Geopolymer Characteristic and Removal of Cu. <i>Materials</i> , <b>2021</b> , 14,   | 3.5 | 9  |
| 418 | 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  |
| 417 | Properties of a New Insulation Material Glass Bubble in Geo-Polymer Concrete. <i>Materials</i> , <b>2021</b> , 14,   | 3.5 | 11 |
| 416 | 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  |

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| 415 | Geopolymer as underwater concreting material: A review. <i>Construction and Building Materials</i> , <b>2021</b> , 291, 123276  | 6.7 | 6  |
| 414 | 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  |
| 413 | 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  |
| 412 | 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  |
| 411 | Technological Properties of Fly Ash-Based Lightweight Geopolymer Brick. <i>Lecture Notes in Civil Engineering</i> , <b>2021</b> , 25-50   | 0.3 |    |
| 410 | Fabrication of Lightweight Ceramic Materials Using Geopolymer Technology. <i>Lecture Notes in Civil Engineering</i> , <b>2021</b> , 167-189   | 0.3 | 1  |
| 409 | Geopolymer coating paste on concrete for photocatalytic performance <b>2021</b> ,   |     | 1  |
| 408 | 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  |
| 407 | 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 |    |
| 406 | 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  |
| 405 | 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  |
| 404 | Aggregate impact value (AIV) of fly ash geopolymer artificial aggregate at different sodium hydroxide (NaOH) concentration <b>2020</b> ,  |     | 1  |
| 403 | 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 |    |
| 402 | 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 |
| 401 | 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  |
| 400 | 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 |    |
| 399 | 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 |
| 398 | Strength Development and Elemental Distribution of Dolomite/Fly Ash Geopolymer Composite under Elevated Temperature. <i>Materials</i> , <b>2020</b> , 13,   | 3.5 | 17 |

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| 397 | 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 |
| 396 | 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  |
| 395 | Strength development of solely ground granulated blast furnace slag geopolymers. <i>Construction and Building Materials</i> , <b>2020</b> , 250, 118720  | 6.7 | 42 |
| 394 | 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 |    |
| 393 | 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 |    |
| 392 | 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  |
| 391 | Bonding and Phases Analysis of Geopolymer Materials. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 957, 012052   | 0.4 | 0  |
| 390 | 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 |
| 389 | 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 |
| 388 | Geopolymer Ceramic as Piezoelectric Materials: A Review. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 864, 012044   | 0.4 |    |
| 387 | 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  |
| 386 | 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  |
| 385 | 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  |
| 384 | 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  |
| 383 | 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 |
| 382 | 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  |
| 381 | 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  |
| 380 | 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  |



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| 379 | Low Density, High Compressive Strength: Experimental Investigation with Various Particle Sizes of Sand for Different Mix Designs of Cement Mortar Manufacturing. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 864, 012010 | 0.4 |    |
| 378 | 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  |
| 377 | 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  |
| 376 | 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  |
| 375 | 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  |
| 374 | 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 |
| 373 | 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 |
| 372 | 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  |
| 371 | 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 |    |
| 370 | Effect of heat evolved during geopolymerization to the compressive strength of class C fly ash based geopolymers <b>2019</b> ,   |     | 1  |
| 369 | Surface roughness optimization on rubberized fly ash geopolymer in lathe operation using Taguchi method <b>2019</b> ,  |     | 1  |
| 368 | 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 |
| 367 | Self-cleaning property of graphene oxide/TiO <sub>2</sub> thin film <b>2019</b> ,  |     | 3  |
| 366 | Tool wear evaluation on rubberized fly ash geopolymer milling <b>2019</b> ,  |     | 1  |
| 365 | Element distribution in slag geopolymer using synchrotron based micro-x-ray fluorescence ( $\mu$ -XRF) <b>2019</b> ,   |     | 3  |
| 364 | Optimization of fly ash based geopolymer mix design for rigid pavement application <b>2019</b> ,   |     | 3  |
| 363 | A review on durability performance of reinforcement bar in geopolymer paste compare with its performance in ordinary Portland cement paste <b>2019</b> ,   |     | 1  |
| 362 | Surface integrity of rubberized geopolymer fly ash geopolymer in milling machining <b>2019</b> ,   |     | 1  |

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| 361 | 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  |
| 360 | Thermal Insulation Properties of Insulated Concrete. <i>Revista De Chimie (discontinued)</i> , <b>2019</b> , 70, 3027-3031   | 0.4 | 7  |
| 359 | Influence of Solid-To-Liquid Ratio on Properties of Fly Ash Geopolymer Ceramics. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 551, 012083   | 0.4 |    |
| 358 | Microstructural Analysis of Fly Ash-based Geopolymers with various Alkali Concentration. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 551, 012090   | 0.4 |    |
| 357 | 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  |
| 356 | Porous Metakaolin Geopolymers with Tailored Thermal Conductivity. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 551, 012088  | 0.4 | 3  |
| 355 | 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  |
| 354 | 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  |
| 353 | 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  |
| 352 | The effect of chloride ion diffusion on corrosion activity of kaolin geopolymer paste in artificial seawater. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 701, 012002                              | 0.4 |    |
| 351 | 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  |
| 350 | 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  |
| 349 | 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  |
| 348 | 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  |
| 347 | 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  |
| 346 | 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  |
| 345 | 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 |
| 344 | 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  |



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| 343 | 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  |
| 342 | 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  |
| 341 | 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  |
| 340 | 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  |
| 339 | 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  |
| 338 | The Relation between Density and Flexural Strength of Geopolymer Based Ceramic with Addition of Ultra High Molecular Weight Polyethylene (UHMWPE) for Lightweight Ceramics. <i>Materials Science Forum</i> , <b>2019</b> , 967, 286-291 | 0.4 |    |
| 337 | Synthesis and characterization of TiO <sub>2</sub> doped SnO <sub>2</sub> thin film prepared by sol-gel method. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 701, 012003                             | 0.4 |    |
| 336 | 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  |
| 335 | Roles of Calcium in Geopolymer Containing Paper Mill Sludge Ash. <i>Materials Science Forum</i> , <b>2018</b> , 917, 311-315  | 0.4 | 2  |
| 334 | 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  |
| 333 | Effect of graphite loading on properties of polyaniline/graphite composites. <i>Polymer Bulletin</i> , <b>2018</b> , 75, 209-220  | 2.4 | 7  |
| 332 | 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  |
| 331 | 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  |
| 330 | 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  |
| 329 | Effect of Geopolymer Coating on Mild Steel. <i>Solid State Phenomena</i> , <b>2018</b> , 273, 175-180   | 0.4 | 9  |
| 328 | Geopolymers and Their Uses: Review. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 374, 012019   | 0.4 | 25 |
| 327 | 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 |
| 326 | 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  |

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| 325 | Preparation of Heat Treated Titanium Dioxide (TiO <sub>2</sub> ) Nanoparticles for Water Purification. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 374, 012084                          | 0.4 | 1  |
| 324 | 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 |
| 323 | 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 |
| 322 | The effect of aggregate content on the expanded lightweight aggregate geopolymer concretes <b>2018</b> ,  |     | 1  |
| 321 | 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  |
| 320 | Magnetic Properties of Rapid Cooled FeCoB Based Alloys Produced by Injection Molding. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 374, 012021   | 0.4 |    |
| 319 | Effect of NaOH concentration and fly ash/alkaline activator ratio on the compressive strength of road base material <b>2018</b> ,   |     | 6  |
| 318 | Characterization of fly ash geopolymer concrete with glass bubble for thermal insulation application <b>2018</b> ,  |     | 10 |
| 317 | 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  |
| 316 | Dolomite/fly ash alkali activated geopolymer strengths with the influence of solid/liquid ratio <b>2018</b> ,   |     | 2  |
| 315 | Effect of glycerol content on mechanical, microstructure and physical properties of thermoplastic potato starch film <b>2018</b> ,  |     | 3  |
| 314 | Performance and properties of glass fiber and its utilization in concrete - A review <b>2018</b> ,  |     | 5  |
| 313 | The effect of various molarities of NaOH solution on fly ash geopolymer paste <b>2018</b> ,   |     | 5  |
| 312 | Investigation on Properties and Leachability of Sewage Sludge from Wastewater Treatment Plant Incorporated in Fired Clay Brick. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 374, 012096 | 0.4 | 1  |
| 311 | 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  |
| 310 | 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  |
| 309 | The Effect of Baggase Ash on Fly Ash-Based Geopolimer Binder. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 374, 012085   | 0.4 | 2  |
| 308 | 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  |

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| 307 | A review on surface integrity of steel fibre reinforced fly ash geopolymer using lathe operation <b>2018,</b>   |     | 3  |
| 306 | 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  |
| 305 | Effect of solid-to-liquid ratios on metakaolin geopolymers <b>2018,</b>   |     | 6  |
| 304 | Surface integrity of steel fibre reinforced fly ash geopolymer in CNC lathe operation <b>2018,</b>  |     | 8  |
| 303 | A review on cutting tool wear in the machining of fly ash geopolymer <b>2018,</b>   |     | 3  |
| 302 | Cutting tool wear optimization in the machining of fly ash geopolymer using Taguchi method <b>2018,</b>   |     | 15 |
| 301 | Compressive strength and microstructure of fly ash and metakaolin geopolymer blend towards NaOH concentration <b>2018,</b>  |     | 1  |
| 300 | Effect of molarity of sodium hydroxide on fly ash geopolymer tiles <b>2018,</b>   |     | 1  |
| 299 | Effect of fly ash/alkaline activator ratio on fly ash geopolymer artificial aggregate <b>2018,</b>  |     | 4  |
| 298 | The synergetic compressive strength and microstructure of fly ash and metakaolin blend geopolymer pastes <b>2018,</b>   |     | 1  |
| 297 | 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  |
| 296 | Thermal Resistance of Fly Ash Geopolymers with Alumina as Additive. <i>Solid State Phenomena</i> , <b>2018</b> , 281, 182-188   | 0.4 | 1  |
| 295 | Clay-Based Materials in Geopolymer Technology <b>2018,</b>  |     | 17 |
| 294 | 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  |
| 293 | 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  |
| 292 | 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 |
| 291 | The Effect of Corrosive Environment on Geopolymer Concrete Tensile Strength. <i>MATEC Web of Conferences</i> , <b>2017</b> , 97, 01036  | 0.3 | 1  |
| 290 | Review on Characterization and Mechanical Performance of Self-cleaning Concrete. <i>MATEC Web of Conferences</i> , <b>2017</b> , 97, 01022  | 0.3 | 6  |

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| 289 | 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 |
| 288 | 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  |
| 287 | 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  |
| 286 | 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  |
| 285 | XRD and FTIR study of the effect of ultra high molecular weight polyethylene (UHMWPE) as binder on kaolin geopolymer ceramics <b>2017</b> ,  |     | 2  |
| 284 | Effect on mechanical properties of glass reinforced epoxy (GRE) pipe filled with different geopolymer filler molarity for piping application <b>2017</b> ,   |     | 1  |
| 283 | Thermal Resistance Variations of Fly Ash Geopolymers: Foaming Responses. <i>Scientific Reports</i> , <b>2017</b> , 7, 45355  | 4.9 | 65 |
| 282 | 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  |
| 281 | 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  |
| 280 | Incorporation of polydimethylsiloxane with reduced graphene oxide and zinc oxide for tensile and electrical properties <b>2017</b> ,   |     | 2  |
| 279 | Effects of sodium hydroxide (NaOH) solution concentration on fly ash-based lightweight geopolymer <b>2017</b> ,  |     | 11 |
| 278 | Durability of metakaolin geopolymers with various sodium silicate/sodium hydroxide ratios against seawater exposure <b>2017</b> ,  |     | 2  |
| 277 | Interdigitated electrodes as impedance and capacitance biosensors: A review <b>2017</b> ,  |     | 21 |
| 276 | Geopolymer as an adsorbent of heavy metal: A review <b>2017</b> ,  |     | 8  |
| 275 | Performance of steel wool fiber reinforced geopolymer concrete <b>2017</b> ,   |     | 4  |
| 274 | Effect of different sintering temperature on fly ash based geopolymer artificial aggregate <b>2017</b> ,   |     | 1  |
| 273 | Non-linear assessment and deficiency of linear relationship for healthcare industry <b>2017</b> ,  |     | 1  |
| 272 | Characterization study on secondary sewage sludge for replacement in building materials <b>2017</b> ,  |     | 1  |

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| 271 | Compressive and bonding strength of fly ash based geopolymer mortar <b>2017,</b>  |     | 1  |
| 270 | Reduced-graphene oxide in flexible substrate for wearable physiological sensor - A review <b>2017,</b>  |     | 2  |
| 269 | Leachability of fired clay brick incorporating with sewage sludge waste <b>2017,</b>  |     | 1  |
| 268 | Study on The Geopolymer Concrete Properties Reinforced with Hooked Steel Fiber. <i>IOP Conference Series: Materials Science and Engineering, 2017, 267, 012014</i>  | 0.4 | 4  |
| 267 | Potential of Starch Nanocomposites for Biomedical Applications. <i>IOP Conference Series: Materials Science and Engineering, 2017, 209, 012087</i>  | 0.4 | 9  |
| 266 | Use of Incineration Solid Waste Bottom Ash as Cement Mixture in Cement Production. <i>IOP Conference Series: Materials Science and Engineering, 2017, 209, 012082</i>   | 0.4 | 2  |
| 265 | 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, 2017, 209, 012037</i>                       | 0.4 | 3  |
| 264 | 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, 2017, 209, 012004</i> | 0.4 | 2  |
| 263 | Surface Characterization of New Biomaterials. <i>IOP Conference Series: Materials Science and Engineering, 2017, 209, 012022</i>  | 0.4 | 0  |
| 262 | Correlation of the Processing Parameters in the Formation of Granulated Ground Blast Furnace Slag Geopolymer. <i>IOP Conference Series: Materials Science and Engineering, 2017, 209, 012040</i>                          | 0.4 | 8  |
| 261 | Surface Topographical Modification of Coronary Stent: A Review. <i>IOP Conference Series: Materials Science and Engineering, 2017, 209, 012031</i>  | 0.4 | 7  |
| 260 | The Structure and Properties of Rapid Cooled Iron Based Alloy. <i>IOP Conference Series: Materials Science and Engineering, 2017, 209, 012023</i>   | 0.4 |    |
| 259 | Density and morphology studies on bottom ash and fly ash geopolymer brick <b>2017,</b>  |     | 1  |
| 258 | Review on thermal insulation performance in various type of concrete <b>2017,</b>   |     | 5  |
| 257 | Corrosion Studies of Fly Ash and Fly Ash-Slag Based Geopolymer. <i>IOP Conference Series: Materials Science and Engineering, 2017, 209, 012026</i>  | 0.4 | 4  |
| 256 | Microstructural and phase analysis of Sn-Cu-Ni-XSiC composite solder <b>2017,</b>   |     | 1  |
| 255 | Nickel (Ni) Microalloying Additions in Sn-Cu Lead-free Solder. Short Review. <i>IOP Conference Series: Materials Science and Engineering, 2017, 209, 012084</i>   | 0.4 |    |
| 254 | Coagulation-Flocculation Process in Landfill Leachate Treatment: Focus on Coagulants and Coagulants Aid. <i>IOP Conference Series: Materials Science and Engineering, 2017, 209, 012083</i>                               | 0.4 | 11 |

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| 253 | Correlation between hardness and water absorption properties of Saudi kaolin and white clay geopolymer coating <b>2017,</b>  |     | 1  |
| 252 | The production of Malaysia bamboo charcoal ( <i>Gigantochloa albociliata</i> ) as the potential absorbent <b>2017,</b>   |     | 1  |
| 251 | Chemical composition and strength of dolomite geopolymer composites <b>2017,</b>   |     | 5  |
| 250 | Mechanical properties on geopolymer brick: A review <b>2017,</b>   |     | 10 |
| 249 | 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  |
| 248 | Microstructure and mechanical properties of lead-free Sn-Cu-Ni composite solder paste reinforced with silicon (Si) particles <b>2017,</b>  |     | 2  |
| 247 | Mechanical properties effect on molarity of epoxy hardener filled with geopolymer materials for piping application: Flexural properties <b>2017,</b>                               |     | 1  |
| 246 | The relationship between vickers microhardness and compressive strength of functional surface geopolymers <b>2017,</b>   |     | 1  |
| 245 | Rice husk (RH) as additive in fly ash based geopolymer mortar <b>2017,</b>   |     | 2  |
| 244 | Properties of fired clay brick incorporating with sewage sludge waste <b>2017,</b>   |     | 2  |
| 243 | The relationship between Vickers microhardness and compressive strength of functional surface geopolymers <b>2017,</b>   |     | 1  |
| 242 | Review of Geopolymer Behaviour in Thermal Environment. <i>IOP Conference Series: Materials Science and Engineering, 2017, 209, 012085</i>  | 0.4 | 13 |
| 241 | Performance and Characterization of Geopolymer Concrete Reinforced with Short Steel Fiber. <i>IOP Conference Series: Materials Science and Engineering, 2017, 209, 012038</i>      | 0.4 | 6  |
| 240 | ZnO Photoanode Effect on the Efficiency Performance of Organic Based Dye Sensitized Solar Cell. <i>IOP Conference Series: Materials Science and Engineering, 2017, 209, 012028</i> | 0.4 | 5  |
| 239 | Study on quality improvement of palm trunk by thermoplastic impregnation <b>2017,</b>  |     | 1  |
| 238 | Mechanical Properties of Graphene-Rubber Nanocomposites. <i>IOP Conference Series: Materials Science and Engineering, 2017, 267, 012009</i>  | 0.4 | 2  |
| 237 | Performance of fly ash based geopolymer incorporating palm kernel shell for lightweight concrete <b>2017,</b>  |     | 3  |
| 236 | Comparative study on early strength of sodium hydroxide (NaOH) activated fly ash based geopolymer <b>2017,</b>   |     | 5  |



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| 235 | Geopolymer lightweight bricks manufactured from fly ash and foaming agent <b>2017</b> ,   |      | 9   |
| 234 | 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  |
| 233 | 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   |
| 232 | Study on quality improvement of palm trunk by thermoplastic impregnation <b>2017</b> ,  |      | 1   |
| 231 | A Novel Study on Using Vietnam Rice Husk Ash and Cullet as Environmental Materials. <i>MATEC Web of Conferences</i> , <b>2017</b> , 97, 01118   | 0.3  | 8   |
| 230 | 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   |
| 229 | 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   |
| 228 | 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   |
| 227 | 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  |
| 226 | Dynamic Mechanical Properties of Hybrid Layered Silicates/Kaolin Geopolymer Filler in Epoxy Composites <b>2017</b> , 54, 543-545  |      | 5   |
| 225 | 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   |
| 224 | 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   |
| 223 | 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  |
| 222 | Behavior of CuPb <sub>12</sub> Sn <sub>6</sub> Alloys subjected to Heat Treatments. <i>MATEC Web of Conferences</i> , <b>2016</b> , 78, 010823  |      |     |
| 221 | 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 |
| 220 | 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   |
| 219 | 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   |
| 218 | The Usage of Glass Waste as Cement Replacement. <i>Key Engineering Materials</i> , <b>2016</b> , 673, 95-104  | 0.4  | 4   |

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| 217 | Utilization of Modified Palm Kernel Shell for Biocomposites Production. <i>Key Engineering Materials</i> , <b>2016</b> , 700, 60-69   | 0.4 | 9  |
| 216 | 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  |
| 215 | Fabrication Method of Aluminum Matrix Composite (AMCs): A Review. <i>Key Engineering Materials</i> , <b>2016</b> , 700, 102-110   | 0.4 | 12 |
| 214 | A Review on Fly Ash Based Geopolymer Rubberized Concrete. <i>Key Engineering Materials</i> , <b>2016</b> , 700, 183-196   | 0.4 | 6  |
| 213 | 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  |
| 212 | Study of Fly Ash Characterization as a Cementitious Material. <i>Procedia Engineering</i> , <b>2016</b> , 148, 487-493  |     | 46 |
| 211 | 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 |    |
| 210 | 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  |
| 209 | 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 |    |
| 208 | Structural Analysis of CoCrMoSi <sub>6</sub> Alloy Used in Medical Applications. <i>Key Engineering Materials</i> , <b>2016</b> , 700, 86-92  | 0.4 | 1  |
| 207 | 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  |
| 206 | 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  |
| 205 | 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  |
| 204 | Review on Potential of Geopolymer for Concrete Repair and Rehabilitation. <i>MATEC Web of Conferences</i> , <b>2016</b> , 78, 01065   | 0.3 | 5  |
| 203 | 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  |
| 202 | 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 |    |
| 201 | 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  |
| 200 | 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 |

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| 199 | 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  |
| 198 | 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 |    |
| 197 | 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 |    |
| 196 | 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  |
| 195 | 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  |
| 194 | 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  |
| 193 | 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  |
| 192 | The Utilization of Coconut Fibre into Fired Clay Brick. <i>Key Engineering Materials</i> , <b>2016</b> , 673, 213-222  | 0.4 | 10 |
| 191 | Compressive Properties of White Clay Based Geopolymer Filled Epoxy Composite. <i>Materials Science Forum</i> , <b>2016</b> , 841, 30-33  | 0.4 | 1  |
| 190 | Potential of Geopolymer Mortar as Concrete Repairing Materials. <i>Materials Science Forum</i> , <b>2016</b> , 857, 382-387  | 0.4 | 12 |
| 189 | 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 |    |
| 188 | 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  |
| 187 | Performances of Artificial Lightweight Geopolymer Aggregate (ALGA) in OPC Concrete. <i>Key Engineering Materials</i> , <b>2016</b> , 673, 29-35  | 0.4 | 2  |
| 186 | An Application of Rice Husk Ash (RHA) and Calcium Carbonate (CaCO <sub>3</sub> ) as Material for Self-Healing Cement. <i>Key Engineering Materials</i> , <b>2016</b> , 673, 3-12   | 0.4 | 1  |
| 185 | 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  |
| 184 | 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 |    |
| 183 | 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 |    |
| 182 | Correlation between Mix Design Study and Flexural Strength of Kaolin Coated Lumber Wood via Geopolymer Technology. <i>Materials Science Forum</i> , <b>2016</b> , 841, 34-39   | 0.4 |    |

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| 181 | 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  |
| 180 | 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  |
| 179 | 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  |
| 178 | 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  |
| 177 | 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  |
| 176 | A study on hardness behavior of geopolymer paste in different condition <b>2016</b> ,  |     | 3  |
| 175 | Characterization of Alum Crystals Synthesized from Waste Aluminium Beverage Cans. <i>Materials Science Forum</i> , <b>2016</b> , 857, 514-518  | 0.4 |    |
| 174 | Kaolin Geopolymer as Precursor to Ceramic Formation. <i>MATEC Web of Conferences</i> , <b>2016</b> , 78, 01061   | 0.3 | 13 |
| 173 | Adhesiveness of Kaolin Based Coating Material on Lumber Wood. <i>Key Engineering Materials</i> , <b>2016</b> , 673, 47-54  | 0.4 | 2  |
| 172 | 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  |
| 171 | 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  |
| 170 | Properties of Hooked Steel Fibers Reinforced Alkali Activated Material Concrete. <i>MATEC Web of Conferences</i> , <b>2016</b> , 78, 01068   | 0.3 |    |
| 169 | Self-cleaning geopolymer concrete - A review. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 133, 012026  | 0.4 | 15 |
| 168 | Review of Dolomite as Precursor of Geopolymer Materials. <i>MATEC Web of Conferences</i> , <b>2016</b> , 78, 01090   | 0.3 | 21 |
| 167 | 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  |
| 166 | Self-Cleaning Technology in Fabric: A Review. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 133, 012028  | 0.4 | 26 |
| 165 | Manufacturing of Fire Resistance Geopolymer: A Review. <i>MATEC Web of Conferences</i> , <b>2016</b> , 78, 01023   | 0.3 | 14 |
| 164 | Effect of Fluxes on 60Sn-40Bi Solder Alloy on Copper Substrate. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2016</b> , 133, 012024  | 0.4 |    |

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| 163 | 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 |
| 162 | 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  |
| 161 | Review on Different Types of Geopolymer Concrete Fibres. <i>Materials Science Forum</i> , <b>2016</b> , 857, 388-394  | 0.4 | 1  |
| 160 | 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  |
| 159 | The Analysis of Metallic Materials Subjected to Cycles of Thermal and Mechanical Fatigue. <i>Key Engineering Materials</i> , <b>2016</b> , 700, 78-85   | 0.4 |    |
| 158 | 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  |
| 157 | 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  |
| 156 | Characterization and Microstructure of Kaolin-Based Ceramic Using Geopolymerization. <i>Key Engineering Materials</i> , <b>2016</b> , 700, 3-11   | 0.4 | 11 |
| 155 | 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  |
| 154 | Performance of Waste Cooking Oil in Asphalt Binder Modification. <i>Key Engineering Materials</i> , <b>2016</b> , 700, 216-226  | 0.4 | 13 |
| 153 | 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 |
| 152 | Epoxy Layered Silicates with Fly Ash-Based Geopolymer: Flexural Properties. <i>Materials Science Forum</i> , <b>2015</b> , 819, 290-294   | 0.4 | 5  |
| 151 | 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 |
| 150 | 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  |
| 149 | Corrosion of Mild Steel by Urban River Water. <i>Instrumentation Science and Technology</i> , <b>2015</b> , 43, 545-557   | 1.4 | 6  |
| 148 | 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  |
| 147 | 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  |
| 146 | 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  |

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| 145 | 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 |
| 144 | The properties and durability of fly ash-based geopolymeric masonry bricks <b>2015</b> , 273-287  |     | 10 |
| 143 | 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  |
| 142 | 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  |
| 141 | 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  |
| 140 | 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 |
| 139 | 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 |
| 138 | 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  |
| 137 | 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  |
| 136 | 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  |
| 135 | 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 |    |
| 134 | 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  |
| 133 | Fire Resistant Properties of Geopolymers: A Review. <i>Key Engineering Materials</i> , <b>2015</b> , 660, 39-43   | 0.4 | 11 |
| 132 | A Review [Manufacturing on Rubberized Concrete Filled Recycled Tire Rubber. <i>Key Engineering Materials</i> , <b>2015</b> , 660, 249-253   | 0.4 | 1  |
| 131 | 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  |
| 130 | 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 |
| 129 | Synthesis of Alum from Discarded Aluminium Beverage Cans. <i>Key Engineering Materials</i> , <b>2015</b> , 660, 284-288   | 0.4 | 1  |
| 128 | The Pozzolan 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 |



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| 127 | 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  |
| 126 | Synthesis of Nanosized Silica and Silver-Doped Silica Nanoparticles for Heat Transfer Fluids Applications. <i>Key Engineering Materials</i> , <b>2015</b> , 660, 155-160   | 0.4 |    |
| 125 | Cementitious Composites Using Recycled Waste. <i>Applied Mechanics and Materials</i> , <b>2015</b> , 754-755, 833-837  | 0.3 | 3  |
| 124 | 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  |
| 123 | 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  |
| 122 | Review of Geopolymer Materials for Thermal Insulating Applications. <i>Key Engineering Materials</i> , <b>2015</b> , 660, 17-22  | 0.4 | 11 |
| 121 | Flood Mud as Geopolymer Precursor Materials: Effect of Flood Mud/Alkaline Activator and Na <sub>2</sub> SiO <sub>3</sub> /NaOH Ratios on Compressive Strength. <i>Applied Mechanics and Materials</i> , <b>2015</b> , 815, 170-176                                   | 0.3 |    |
| 120 | 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  |
| 119 | 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  |
| 118 | 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  |
| 117 | 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  |
| 116 | Cross Section Optimization of Plane Truss among Different Spans. <i>Applied Mechanics and Materials</i> , <b>2014</b> , 679, 1-5   | 0.3 | 1  |
| 115 | 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  |
| 114 | The Relationship between Water Absorption and Porosity for Geopolymer Paste. <i>Materials Science Forum</i> , <b>2014</b> , 803, 166-172   | 0.4 | 26 |
| 113 | The Effect of Recycled Nitrile Glove Filled Epoxidised Natural Rubber 50 on Cure Characteristics and Swelling Properties. <i>Applied Mechanics and Materials</i> , <b>2014</b> , 679, 300-304  | 0.3 |    |
| 112 | The Effect of Citric Acid on the Mechanical Properties of Thermoplastic Tapioca Starch/High Density Polyethylene/Natural Rubber Blends. <i>Applied Mechanics and Materials</i> , <b>2014</b> , 679, 292-299  | 0.3 |    |
| 111 | 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  |
| 110 | Comparison between Thermal Interface Materials Made of Nano Carbon Tube (NCT) with Gad Pad 2500 in Term of Junction Temperature by Using CFD Software, Fluent <sup>TM</sup> . <i>Materials Science Forum</i> , <b>2014</b> , 803, 243-249                            | 0.4 | 2  |

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| 109 | 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   |
| 108 | Reviews on Clay Geopolymer Ceramic Using Powder Metallurgy Method. <i>Materials Science Forum</i> , <b>2014</b> , 803, 81-87   | 0.4 | 7   |
| 107 | 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   |
| 106 | Production of Fiber Glass Reinforced Geopolymer Composite Pipe. <i>Materials Science Forum</i> , <b>2014</b> , 803, 29-36  | 0.4 | 1   |
| 105 | Hybridization Effect of Kaolin and Calcium Carbonate on Tensile and Thermal Properties of Compatibilized Polypropylene Composites. <i>Materials Science Forum</i> , <b>2014</b> , 803, 93-98                             | 0.4 |     |
| 104 | Effects of Lightweight Aggregate Size and Grading on the Residual Strength of Lightweight Geopolymer Concrete Exposed to Elevated Temperature. <i>Materials Science Forum</i> , <b>2014</b> , 803, 3-10                  | 0.4 |     |
| 103 | Review on Development of Clay Based Geopolymer Ceramic Composites. <i>Materials Science Forum</i> , <b>2014</b> , 803, 37-43   | 0.4 | 3   |
| 102 | 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  |
| 101 | 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   |
| 100 | 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   |
| 99  | Study on Quenching and Artificial Ageing on Al-Si Alloy. <i>Materials Science Forum</i> , <b>2014</b> , 803, 209-215   | 0.4 |     |
| 98  | 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   |
| 97  | 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   |
| 96  | 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 |
| 95  | 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  |
| 94  | 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   |
| 93  | 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   |
| 92  | Microstructure Studies on Different Types of Geopolymer Materials. <i>Applied Mechanics and Materials</i> , <b>2013</b> , 421, 384-389   | 0.3 | 8   |

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| 91 | 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 |
| 90 | 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  |
| 89 | 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  |
| 88 | Mechanical Properties of Polymer Composites with Sugarcane Bagasse Filler. <i>Advanced Materials Research</i> , <b>2013</b> , 740, 739-744   | 0.5 | 17 |
| 87 | Malaysian Foxtail Grass - A Potential Source of Natural/Agro Fibre for Polymer Composite Panel. <i>Advanced Materials Research</i> , <b>2013</b> , 740, 507-510  | 0.5 |    |
| 86 | 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  |
| 85 | Compaction Optimization of Sn-Cu-Si3N4 via Powder Metallurgy Route for Composite Solder Fabrication. <i>Applied Mechanics and Materials</i> , <b>2013</b> , 421, 267-271   | 0.3 |    |
| 84 | Study on Fly Ash Based Geopolymer for Coating Applications. <i>Advanced Materials Research</i> , <b>2013</b> , 686, 227-233  | 0.5 | 29 |
| 83 | Study of Concrete Using Modified Polystyrene Coarse Aggregate. <i>Advanced Materials Research</i> , <b>2013</b> , 740, 502-506   | 0.5 | 1  |
| 82 | 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  |
| 81 | 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  |
| 80 | 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                            | 0.5 | 2  |
| 79 | 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  |
| 78 | 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  |
| 77 | Cu-SiCp Composites as Advanced Electronic Packaging Materials. <i>Key Engineering Materials</i> , <b>2013</b> , 594-595, 852-856   | 0.4 | 2  |
| 76 | 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  |
| 75 | 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  |
| 74 | 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  |

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| 73 | 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  |
| 72 | Halal Based Sourced EM for Turbidity Reducing in Wastewater Treatment. <i>Key Engineering Materials</i> , <b>2013</b> , 594-595, 191-195   | 0.4 |    |
| 71 | 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 |
| 70 | 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  |
| 69 | 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  |
| 68 | On the Structure of Shape Memory Alloys. <i>Key Engineering Materials</i> , <b>2013</b> , 594-595, 140-145   | 0.4 |    |
| 67 | 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  |
| 66 | 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  |
| 65 | 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  |
| 64 | 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  |
| 63 | 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  |
| 62 | Potential of Upgrading Domestic Biomass into a Higher Energy Density via Torrefaction Process. <i>Advanced Materials Research</i> , <b>2013</b> , 795, 620-625   | 0.5 |    |
| 61 | 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 |
| 60 | 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  |
| 59 | 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  |
| 58 | 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  |
| 57 | Microstructure Study on Volcano Ash Geopolymer Aggregate at Different Sintering Temperature. <i>Key Engineering Materials</i> , <b>2013</b> , 594-595, 83-87   | 0.4 |    |
| 56 | 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  |

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| 55 | 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   |
| 54 | 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  |
| 53 | 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  |
| 52 | 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   |
| 51 | 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   |
| 50 | 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  |
| 49 | The Thermal Expansion Behaviors of Cu-SiCp Composites. <i>Advanced Materials Research</i> , <b>2013</b> , 795, 237-240  | 0.3 | 1   |
| 48 | 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  |
| 47 | On the Fatigue of Shape Memory Alloys. <i>Key Engineering Materials</i> , <b>2013</b> , 594-595, 133-139  | 0.4 | 1   |
| 46 | 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   |
| 45 | 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   |
| 44 | Study on Refractory Materials Application Using Geopolymer Processing. <i>Advanced Science Letters</i> , <b>2013</b> , 19, 221-223  | 0.1 | 3   |
| 43 | Mechanical Performances of Fly Ash Geopolymer Bricks. <i>Advanced Science Letters</i> , <b>2013</b> , 19, 186-189   | 0.1 | 3   |
| 42 | 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   |
| 41 | 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  |
| 40 | Processing and characterization of calcined kaolin cement powder. <i>Construction and Building Materials</i> , <b>2012</b> , 30, 794-802  | 6.7 | 115 |
| 39 | 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   |
| 38 | 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 |

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| 37 | 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  |
| 36 | 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  |
| 35 | 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  |
| 34 | Curing Behavior on Kaolin-Based Geopolymers. <i>Advanced Materials Research</i> , <b>2012</b> , 548, 42-47  | 0.5 | 10  |
| 33 | Research Development of Solder Materials and its Intermetallic Compound (IMC) Study. <i>Advanced Materials Research</i> , <b>2012</b> , 626, 797-801  | 0.5 |     |
| 32 | Feasibility of Producing Wood Fibre-Reinforced Geopolymer Composites (WFRGC). <i>Advanced Materials Research</i> , <b>2012</b> , 626, 918-925   | 0.5 | 14  |
| 31 | Strength and Microstructural Properties of Mechanically-Activated Kaolin Geopolymers. <i>Advanced Materials Research</i> , <b>2012</b> , 626, 926-930   | 0.5 | 12  |
| 30 | 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 |
| 29 | Lightweight Fly Ash-Based Geopolymer Concrete. <i>Advanced Materials Research</i> , <b>2012</b> , 626, 781-785  | 0.5 | 3   |
| 28 | Potential of Marine Clay as Raw Material in Geopolymer Composite. <i>Advanced Materials Research</i> , <b>2012</b> , 626, 963-966   | 0.5 | 2   |
| 27 | Influence of Solidification Process on Calcined Kaolin Geopolymeric Powder. <i>Advanced Materials Research</i> , <b>2012</b> , 479-481, 286-291   | 0.5 | 2   |
| 26 | Characterization of LUSI Mud Volcano as Geopolymer Raw Material. <i>Advanced Materials Research</i> , <b>2012</b> , 548, 82-86  | 0.5 | 8   |
| 25 | Application of Clay - Based Geopolymer in Brick Production: A Review. <i>Advanced Materials Research</i> , <b>2012</b> , 626, 878-882   | 0.5 | 14  |
| 24 | 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  |
| 23 | 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   |
| 22 | 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   |
| 21 | Reviews on the Geopolymer Materials for Coating Application. <i>Advanced Materials Research</i> , <b>2012</b> , 626, 958-962  | 0.5 | 1   |
| 20 | The Influence of Curing Periods on the Compressive Strength of Fly Ash-Based Geopolymer at Different Aging Times. <i>Advanced Materials Research</i> , <b>2012</b> , 479-481, 512-516   | 0.5 |     |



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| 19 | 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  |
| 18 | Effect of Mechanical Activation on Kaolin-Based Geopolymers. <i>Advanced Materials Research</i> , <b>2012</b> , 479-481, 357-361   | 0.5 | 3   |
| 17 | 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   |
| 16 | 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   |
| 15 | 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   |
| 14 | Production of effective microorganism using halal-based sources: A review. <i>African Journal of Biotechnology</i> , <b>2011</b> , 10,   | 0.6 | 2   |
| 13 | The Effect of Curing Temperature on Physical and Chemical Properties of Geopolymers. <i>Physics Procedia</i> , <b>2011</b> , 22, 286-291   |     | 104 |
| 12 | Solderability of Sn-0.7Cu/Si3N4 lead-free composite solder on Cu-substrate. <i>Physics Procedia</i> , <b>2011</b> , 22, 299-304  |     | 42  |
| 11 | Effect of Curing Profile on Kaolin-based Geopolymers. <i>Physics Procedia</i> , <b>2011</b> , 22, 305-311  |     | 107 |
| 10 | Influence of Solids-to-liquid and Activator Ratios on Calcined Kaolin Cement Powder. <i>Physics Procedia</i> , <b>2011</b> , 22, 312-317   |     | 39  |
| 9  | 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   |
| 8  | The Relationship of NaOH Molarity, Na2SiO3/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  |
| 7  | 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   |
| 6  | Correlation between Na2SiO3/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  |
| 5  | 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  |
| 4  | 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   |
| 3  | . <i>ScienceAsia</i> , <b>2008</b> , 34, 341   | 1.4 | 58  |
| 2  | Effects of Thermal Resistance to Fly Ash-Based Lightweight Geopolymer. <i>IOP Conference Series: Materials Science and Engineering</i> , 551, 012082   | 0.4 | 0   |

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