

Prinya Chindaprasirt

List of Publications by Year in descending order

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344
papers

20,715
citations

11908

72
h-index

15253

130
g-index

354
all docs

354
docs citations

354
times ranked

9448
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of alkali activated crushed rock for environmentally sustainable roadway rehabilitation. <i>International Journal of Pavement Engineering</i> , 2022, 23, 3255-3273.	2.2	2
2	The Water-Repellent Ability of Road Pavement Material Stabilized with Synthetic and Natural Polymers. <i>Lecture Notes in Civil Engineering</i> , 2022, , 701-712.	0.3	0
3	Sustainable utilization of water treatment residue as a porous geopolymer for iron and manganese removals from groundwater. <i>Journal of Environmental Management</i> , 2022, 302, 114036.	3.8	14
4	Hybrid high calcium fly ash alkali-activated repair material for concrete exposed to sulfate environment. <i>Journal of Building Engineering</i> , 2022, 45, 103590.	1.6	15
5	Influence of alkalinity on self-treatment process of natural fiber and properties of its geopolymeric composites. <i>Construction and Building Materials</i> , 2022, 316, 125817.	3.2	17
6	Smart conductive nanocomposite hydrogel containing green synthesized nanosilver for use in an eco-friendly strain sensor. <i>Cellulose</i> , 2022, 29, 273-286.	2.4	15
7	Development of Biodegradable Films with Antioxidant Activity Using Pectin Extracted from <i>Cissampelos pareira</i> Leaves. <i>Journal of Polymers and the Environment</i> , 2022, 30, 2087-2098.	2.4	2
8	Effect of synthetic microfiber and viscosity modifier agent on layer deformation, viscosity, and open time of cement mortar for 3D printing application. <i>Construction and Building Materials</i> , 2022, 319, 126111.	3.2	12
9	Dielectric and Mechanical Properties of CTAB-Modified Natural Rubber Latexâ€“Cement Composites. <i>Polymers</i> , 2022, 14, 320.	2.0	1
10	Fire resistance of recycled aggregate alkali-activated concrete. , 2022, , 489-506.		2
11	Ohmic heating as an effective path to rapidly cure and strengthen alkali activated material. <i>Construction and Building Materials</i> , 2022, 322, 126425.	3.2	5
12	Boosting the Power Output of a Cement-Based Triboelectric Nanogenerator by Enhancing Dielectric Polarization with Highly Dispersed Carbon Black Nanoparticles toward Large-Scale Energy Harvesting from Human Footsteps. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 4588-4598.	3.2	19
13	Influence of Graphene Oxide Nanoparticles on Bond-Slip Responses between Fiber and Geopolymer Mortar. <i>Nanomaterials</i> , 2022, 12, 943.	1.9	14
14	Recycled Non-Biodegradable polyethylene terephthalate waste as fine aggregate in fly ash geopolymer and cement mortars. <i>Construction and Building Materials</i> , 2022, 328, 127084.	3.2	17
15	Assessment of equivalent substrate stiffness and mechanical properties of sustainable alkali-activated concrete containing recycled concrete aggregate. <i>Case Studies in Construction Materials</i> , 2022, 16, e00982.	0.8	3
16	Improvement of recycled concrete aggregate using alkali-activated binder treatment. <i>Materials and Structures/Materiaux Et Constructions</i> , 2022, 55, 1.	1.3	10
17	Rice husk ash and fly ash geopolymer hollow block based on NaOH activated. <i>Case Studies in Construction Materials</i> , 2022, 16, e01092.	0.8	6
18	High flexural strength lightweight fly ash geopolymer mortar containing waste fiber cement. <i>Case Studies in Construction Materials</i> , 2022, 16, e01121.	0.8	5

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19	Facile fabrication of green synthesized silver-decorated magnetic particles for coating of bioactive packaging. <i>Cellulose</i> , 2022, 29, 5853-5868.	2.4	3
20	Hydrophobicity and efflorescence of lightweight fly ash geopolymer incorporated with calcium stearate. <i>Journal of Cleaner Production</i> , 2022, 364, 132449.	4.6	24
21	Novel electromagnetic induction heat curing process of fly ash geopolymer using waste iron powder as a conductive material. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
22	Bottom ash stabilized with cement and para rubber latex for road base applications. <i>Case Studies in Construction Materials</i> , 2022, 17, e01259.	0.8	3
23	Engineering properties of marginal lateritic soil stabilized with one-part high calcium fly ash geopolymer as pavement materials. <i>Case Studies in Construction Materials</i> , 2022, , e01328.	0.8	1
24	Strength enhancement of pumice-based geopolymer paste by incorporating recycled concrete and calcined oyster shell powders. <i>Case Studies in Construction Materials</i> , 2022, 17, e01307.	0.8	6
25	Challenge of adopting relatively low strength and self-cured geopolymer for road construction application: a review and primary laboratory study. <i>International Journal of Pavement Engineering</i> , 2021, 22, 1454-1468.	2.2	25
26	An investigation of sulfate effects on compaction characteristics and strength development of cement-treated sulfate bearing clay subgrade. <i>Road Materials and Pavement Design</i> , 2021, 22, 2396-2409.	2.0	26
27	Significantly improving the giant dielectric properties of CaCu ₃ Ti ₄ O ₁₂ ceramics by co-doping with Sr ²⁺ and F ⁻ ions. <i>Materials Research Bulletin</i> , 2021, 133, 111043.	2.7	55
28	Calcium phosphate powders synthesized from CaCO ₃ and CaO of natural origin using mechanical activation in different media combined with solid-state interaction. <i>Materials Science and Engineering C</i> , 2021, 118, 111333.	3.8	14
29	Bioactive Nanocomposite Film Based on Cassava Starch/Polyvinyl Alcohol Containing Green Synthesized Silver Nanoparticles. <i>Journal of Polymers and the Environment</i> , 2021, 29, 672-684.	2.4	30
30	Effect of microwave-assisted curing process on strength development and curing duration of cellular lightweight geopolymer mortar. <i>Materials and Manufacturing Processes</i> , 2021, 36, 1040-1048.	2.7	8
31	Estimation of Sugar Content in Sugarcane (<i>Saccharum</i> spp.) Variety Lumpang 92-11 (LK 92-11) and Khon Kaen 3 (KK 3) by Near Infrared Spectroscopy. <i>Engineering Journal</i> , 2021, 25, 69-83.	0.5	2
32	Effect of graphene oxide on single fiber pullout behavior. <i>Construction and Building Materials</i> , 2021, 280, 122539.	3.2	18
33	Green synthesis of nanosilver coating on paper for ripening delay of fruits under visible light. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105094.	3.3	13
34	Significantly Enhanced Dielectric Properties of Ag-Deposited (In _{1/2} Nb _{1/2}) _{0.1} Ti _{0.9} O ₂ /PVDF Polymer Composites. <i>Polymers</i> , 2021, 13, 1788.	2.0	9
35	The effect of cation distribution on the magnetic properties of CoFe ₂ O ₄ nanoparticles. <i>Results in Physics</i> , 2021, 24, 104112.	2.0	20
36	Entrapment of nano-ZnO into alginate/polyvinyl alcohol beads with different crosslinking ions for fertilizer applications. <i>International Journal of Biological Macromolecules</i> , 2021, 181, 349-356.	3.6	16

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37	Gold-Nanoparticle-Deposited TiO ₂ Nanorod/Poly(Vinylidene Fluoride) Composites with Enhanced Dielectric Performance. <i>Polymers</i> , 2021, 13, 2064.	2.0	13
38	Alkali-activated material synthesized from palm oil fuel ash for Cu/Zn ion removal from aqueous solutions. <i>Journal of Materials Research and Technology</i> , 2021, 13, 440-448.	2.6	8
39	Carbon fiber/epoxy vitrimer composite patch cured with bio-based curing agents for one-step repair metallic sheet and its recyclability. <i>Journal of Applied Polymer Science</i> , 2021, 138, 51406.	1.3	10
40	Dense-Graded Hot Mix Asphalt with 100% Recycled Concrete Aggregate Based on Thermal-Mechanical Surface Treatment. <i>Journal of Materials in Civil Engineering</i> , 2021, 33, .	1.3	8
41	The fabrication of calcium silicate-natural rubber composite for mechanical energy harvesting. <i>Surfaces and Interfaces</i> , 2021, 25, 101180.	1.5	3
42	A DFT study on electrocatalytic performance of 12CaO·7Al ₂ O ₃ (C12A7) with electrolytic LiI applied in DSSCs. <i>Surface Science</i> , 2021, 711, 121864.	0.8	2
43	Enhancement of mechanical properties of fly ash geopolymer containing fine recycled concrete aggregate with micro carbon fiber. <i>Journal of Building Engineering</i> , 2021, 41, 102403.	1.6	63
44	Comparative mechanical performances of cement-treated sand reinforced with fiber for road and pavement applications. <i>Transportation Geotechnics</i> , 2021, 30, 100626.	2.0	16
45	Beneficial utilization of recycled asphaltic concrete aggregate in high calcium fly ash geopolymer concrete. <i>Case Studies in Construction Materials</i> , 2021, 15, e00615.	0.8	9
46	Effect of elevated temperature on polypropylene fiber reinforced alkali-activated high calcium fly ash paste. <i>Case Studies in Construction Materials</i> , 2021, 15, e00554.	0.8	6
47	Synergistic effect of fly ash and glass cullet additive on properties of fire clay bricks. <i>Journal of Building Engineering</i> , 2021, 44, 102942.	1.6	17
48	Properties of polypropylene fiber reinforced cellular lightweight high calcium fly ash geopolymer mortar. <i>Case Studies in Construction Materials</i> , 2021, 15, e00730.	0.8	11
49	Strength, Elastic Modulus, and Creep of High-Strength Concrete Produced with Bagasse Ash and Recycled Concrete Aggregate. <i>Journal of Testing and Evaluation</i> , 2021, 49, 1173-1188.	0.4	5
50	Case study of the application of pervious fly ash geopolymer concrete for neutralization of acidic wastewater. <i>Case Studies in Construction Materials</i> , 2021, 15, e00770.	0.8	2
51	Mechanical properties and electrical resistivity of multiwall carbon nanotubes incorporated into high calcium fly ash geopolymer. <i>Case Studies in Construction Materials</i> , 2021, 15, e00785.	0.8	7
52	Synergistic effect of starch/polyvinyl alcohol/citric acid films decorated with in-situ green-synthesized nano silver on bioactive packaging films. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106793.	3.3	18
53	Dual-responsive shape memory and self-healing ability of a novel copolymer from epoxy/cashew nut shell liquid and polycaprolactone. <i>Polymer Testing</i> , 2020, 81, 106159.	2.3	20
54	Autogenous and drying shrinkages of mortars and pore structure of pastes made with activated binder of calcium carbide residue and fly ash. <i>Construction and Building Materials</i> , 2020, 230, 116962.	3.2	34

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55	Use of recycled aggregates in pressed fly ash geopolymer concrete. <i>Environmental Progress and Sustainable Energy</i> , 2020, 39, e13327.	1.3	28
56	Synthesis of porous alkali-activated materials for high-acidic wastewater treatment. <i>Journal of Water Process Engineering</i> , 2020, 33, 101118.	2.6	18
57	Thermal and sound properties of concrete mixed with high porous aggregates from manufacturing waste impregnated with phase change material. <i>Journal of Building Engineering</i> , 2020, 29, 101111.	1.6	24
58	Influence of rice husk ash on mechanical properties and fire resistance of recycled aggregate high-calcium fly ash geopolymer concrete. <i>Journal of Cleaner Production</i> , 2020, 252, 119797.	4.6	200
59	Thermal storage properties of lightweight concrete incorporating phase change materials with different fusion points in hybrid form for high temperature applications. <i>Heliyon</i> , 2020, 6, e04863.	1.4	29
60	Changes in compressive strength, microstructure and magnetic properties of a high-calcium fly ash geopolymer subjected to high temperatures. <i>Construction and Building Materials</i> , 2020, 265, 120650.	3.2	54
61	Synthesis of nanocomposite hydrogel based carboxymethyl starch/polyvinyl alcohol/nanosilver for biomedical materials. <i>Carbohydrate Polymers</i> , 2020, 248, 116767.	5.1	70
62	Influence of Sodium Hydroxide Grade on the Strength of Fly Ash-Based Geopolymer Cement. <i>Materials Science Forum</i> , 2020, 998, 317-322.	0.3	1
63	Drying shrinkage, strength and microstructure of alkali-activated high-calcium fly ash using FGD-gypsum and dolomite as expansive additive. <i>Cement and Concrete Composites</i> , 2020, 114, 103760.	4.6	54
64	Manuscript title: Development of strength prediction models for fly ash based geopolymer concrete. <i>Journal of Building Engineering</i> , 2020, 32, 101704.	1.6	17
65	Microstructure and phase characterizations of fly ash cements by alkali activation. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 167-174.	2.0	11
66	Investigation of hard-burn and soft-burn lime kiln dust as alternative materials for alkali-activated binder cured at ambient temperature. <i>Journal of Materials Research and Technology</i> , 2020, 9, 14933-14943.	2.6	3
67	Performance and evaluation of calcium carbide residue stabilized lateritic soil for construction materials. <i>Case Studies in Construction Materials</i> , 2020, 13, e00389.	0.8	20
68	Effect of self-treatment process on properties of natural fiber-reinforced geopolymer composites. <i>Materials and Manufacturing Processes</i> , 2020, 35, 1120-1128.	2.7	32
69	Portland Cement-TiO ₂ triboelectric nanogenerator for robust large-scale mechanical energy harvesting and instantaneous motion sensor applications. <i>Nano Energy</i> , 2020, 74, 104802.	8.2	43
70	Eco-production of silica from sugarcane bagasse ash for use as a photochromic pigment filler. <i>Scientific Reports</i> , 2020, 10, 9890.	1.6	60
71	Strength and Bioactivity of Hydroxyapatite/White Portland Cement (HAp/WPC) under Simulated Body Fluid (SBF) Solution. <i>Materials Science Forum</i> , 2020, 975, 88-93.	0.3	2
72	Fabrication of self-cleaning fly ash/polytetrafluoroethylene material for cement mortar spray-coating. <i>Journal of Cleaner Production</i> , 2020, 264, 121748.	4.6	26

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73	Significantly improved non-ohmic and giant dielectric response in CaCu ₃ Ti ₄ O ₁₂ ceramics by incorporating Portland cement. <i>Materials Research Express</i> , 2020, 7, 066301.	0.8	2
74	Heat evolution, strengths, and drying shrinkage of concrete containing high volume ground bagasse ash with different LOIs. <i>Construction and Building Materials</i> , 2020, 258, 119443.	3.2	17
75	Thermal behaviour of concrete sandwich panels incorporating phase change material. <i>Advances in Building Energy Research</i> , 2020, , 1-25.	1.1	9
76	Low cost and sustainable repair material made from alkali-activated high-calcium fly ash with calcium carbide residue. <i>Construction and Building Materials</i> , 2020, 247, 118543.	3.2	66
77	Effect of fly ash/silica fume ratio and curing condition on mechanical properties of fiber-reinforced geopolymer. <i>Journal of Sustainable Cement-Based Materials</i> , 2020, 9, 218-232.	1.7	34
78	Performance of recycled aggregate concrete with rice husk ash as cement binder. <i>Cement and Concrete Composites</i> , 2020, 108, 103533.	4.6	97
79	Natural fiber reinforced high calcium fly ash geopolymer mortar. <i>Construction and Building Materials</i> , 2020, 241, 118143.	3.2	111
80	Properties of cellular lightweight high calcium bottom ash-portland cement geopolymer mortar. <i>Case Studies in Construction Materials</i> , 2020, 12, e00337.	0.8	17
81	Probabilistic Seismic Hazard Assessment of North-Eastern Thailand. <i>KSCE Journal of Civil Engineering</i> , 2020, 24, 1845-1857.	0.9	3
82	Anticipating of Potential Climate and Land Use Change Impacts on Floods: A Case Study of the Lower Nam Phong River Basin. <i>Water (Switzerland)</i> , 2020, 12, 1158.	1.2	5
83	Use of construction and demolition waste (CDW) for alkali-activated or geopolymer concrete. , 2020, , 385-403.		13
84	Mechanical properties, chloride resistance and microstructure of Portland fly ash cement concrete containing high volume bagasse ash. <i>Journal of Building Engineering</i> , 2020, 31, 101415.	1.6	33
85	Comparative study of fire-resistant behaviors of high-calcium fly ash geopolymer mortar containing zeolite and mullite. <i>Journal of Sustainable Cement-Based Materials</i> , 2020, 9, 307-321.	1.7	15
86	Optimization of ultrasound-assisted extraction of anthocyanins and bioactive compounds from butterfly pea petals using Taguchi method and Grey relational analysis. <i>Journal of Food Science and Technology</i> , 2020, 57, 3720-3730.	1.4	18
87	Geopolymer/Zeolite composite materials with adsorptive and photocatalytic properties for dye removal. <i>PLoS ONE</i> , 2020, 15, e0241603.	1.1	30
88	Corrosion-Induced Cracking Time in Steel Fiber-Reinforced Concrete: Experiment and Finite Element Method. <i>ACI Materials Journal</i> , 2020, 117, .	0.3	2
89	DURABILITY OF CONCRETE CONTAINING RECYCLED ASPHALTIC CONCRETE AGGREGATE AND HIGH CALCIUM FLY ASH. <i>International Journal of GEOMATE</i> , 2020, 19, 8-14.	0.1	3
90	HIGH CALCIUM FLY ASH GEOPOLYMER CONTAINING NATURAL RUBBER LATEX AS ADDITIVE. <i>International Journal of GEOMATE</i> , 2020, 18, .	0.1	2

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91	Prediction of Compaction Parameters of Khon Kaen Loess Soil. Walailak Journal of Science and Technology, 2020, 17, 1367-1378.	0.5	1
92	Electrophoretic Deposition of Carbon Nanotubes onto Zinc Substrates for Electrode Applications. Sains Malaysiana, 2020, 49, 2811-2820.	0.3	2
93	In vitro surface reaction in SBF of a non-crystalline aluminosilicate (geopolymer) material. Journal of the Australian Ceramic Society, 2019, 55, 11-17.	1.1	9
94	Improving thermal properties of exterior plastering mortars with phase change materials with different melting temperatures: paraffin and polyethylene glycol. Advances in Building Energy Research, 2019, 13, 220-240.	1.1	31
95	Correlation between initial SiO ₂ /Al ₂ O ₃ , Na ₂ O/Al ₂ O ₃ , Na ₂ O/SiO ₂ and H ₂ O/Na ₂ O ratios on phase and microstructure of reaction products of metakaolin-rice husk ash geopolymer. Construction and Building Materials, 2019, 226, 406-417.	3.2	83
96	Case investigation on application of steel fibers in roller compacted concrete pavement in Thailand. Case Studies in Construction Materials, 2019, 11, e00271.	0.8	12
97	Properties of high-calcium and low-calcium fly ash combination geopolymer mortar containing recycled aggregate. Heliyon, 2019, 5, e02513.	1.4	61
98	Properties of Concrete Pedestrian Blocks Containing Crumb Rubber from Recycle Waste Tyres Reinforced with Steel Fibres. Case Studies in Construction Materials, 2019, 11, e00304.	0.8	14
99	Pre-Crack Behaviours of Cement Paste Containing <i>Bacillus pseudofirmus</i> ATCC 700159. Key Engineering Materials, 2019, 801, 371-376.	0.4	0
100	Investigation of compressive strength and microstructures of activated cement free binder from fly ash - calcium carbide residue mixture. Journal of Materials Research and Technology, 2019, 8, 4757-4765.	2.6	23
101	Durability and Mechanical Properties of Pavement Concrete Containing Bagasse Ash. Materials Today: Proceedings, 2019, 17, 1612-1626.	0.9	32
102	An anisotropic hyperelastic model with an application to soft tissues. European Journal of Mechanics, A/Solids, 2019, 78, 103845.	2.1	14
103	Resistance to algae and fungi formation of high calcium fly ash geopolymer paste containing TiO ₂ . Journal of Building Engineering, 2019, 25, 100817.	1.6	27
104	Effect of free oxygen radical anions and free electrons in a Ca ₂ Al ₁₄ O ₃₃ cement structure on its optical, electronic and antibacterial properties. Heliyon, 2019, 5, e01808.	1.4	13
105	Properties of NdFeB magnetic cement. Cement and Concrete Composites, 2019, 103, 204-212.	4.6	13
106	Dielectric, ferroelectric, and piezoelectric properties of lead-free Ba _{0.95} Ca _{0.05} Ti _{1-x} Zr _x O ₃ ceramics. Integrated Ferroelectrics, 2019, 195, 70-80.	0.3	4
107	Effect of Polypropylene Fiber on the Flexural Strength Properties of Lightweight Foam Mixed Soil. Advances in Materials Science and Engineering, 2019, 2019, 1-12.	1.0	1
108	Use of burnt clay aggregate as phase change material carrier to improve thermal properties of concrete panel. Case Studies in Construction Materials, 2019, 11, e00242.	0.8	7

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109	Fabrication of durable superhydrophobic epoxy/cashew nut shell liquid based coating containing flower-like zinc oxide for continuous oil/water separation. <i>Surface and Coatings Technology</i> , 2019, 366, 106-113.	2.2	35
110	Dielectric and electrical properties of nano-Ag/C3AH6 nanocomposites. <i>Applied Surface Science</i> , 2019, 483, 294-301.	3.1	9
111	Exponentially aging functions coupled with time-dependent chloride transport model for predicting service life of surface-treated concrete in tidal zone. <i>Cement and Concrete Research</i> , 2019, 120, 1-12.	4.6	34
112	Abrasion resistance behaviour of fly ash based geopolymer using nanoindentation and artificial neural network. <i>Construction and Building Materials</i> , 2019, 212, 635-644.	3.2	26
113	Characterization of porous alkali-activated fly ash composite as a solid absorbent. <i>International Journal of Greenhouse Gas Control</i> , 2019, 85, 30-35.	2.3	28
114	Thermal properties of lightweight concrete incorporating high contents of phase change materials. <i>Construction and Building Materials</i> , 2019, 207, 431-439.	3.2	63
115	Bioconversion of <i>Saccharum officinarum</i> Leaves for Ethanol Production Using Separate Hydrolysis and Fermentation Processes. <i>Waste and Biomass Valorization</i> , 2019, 10, 817-825.	1.8	13
116	Adhesion characterisation of Portland cement concrete and alkali-activated binders. <i>Advances in Cement Research</i> , 2019, 31, 69-79.	0.7	22
117	Performances of SDCM and DCM walls under deep excavation in soft clay: Field tests and 3D simulations. <i>Soils and Foundations</i> , 2019, 59, 1728-1739.	1.3	25
118	FLUIDIZED BED COAL-BARK FLY ASH GEOPOLYMER WITH ADDITIVES CURED AT AMBIENT TEMPERATURE. <i>International Journal of GEOMATE</i> , 2019, 16, .	0.1	5
119	PROPERTIES OF LIGHTWEIGHT AERATED GEOPOLYMER SYNTHESIS FROM HIGH-CALCIUM FLY ASH AND ALUMINIUM POWDER. <i>International Journal of GEOMATE</i> , 2019, 16, .	0.1	4
120	UTILIZATION OF CRUMB RUBBER AS AGGREGATE IN HIGH CALCIUM FLY ASH GEOPOLYMER MORTARS. <i>International Journal of GEOMATE</i> , 2019, 17, .	0.1	18
121	Optimum conditions for preparation of bio-calcium from blood cockle and golden apple snail shells and characterization. <i>ScienceAsia</i> , 2019, 45, 10.	0.2	9
122	Fire-resistant geopolymer bricks synthesized from high-calcium fly ash with outdoor heat exposure. <i>Clean Technologies and Environmental Policy</i> , 2018, 20, 1097-1103.	2.1	38
123	Recycled aggregate high calcium fly ash geopolymer concrete with inclusion of OPC and nano-SiO ₂ . <i>Construction and Building Materials</i> , 2018, 174, 244-252.	3.2	113
124	Investigation of Gamma Radiation Shielding of Concrete Containing Blast Furnace Slag Waste via Experimental and Calculation Methods. <i>Key Engineering Materials</i> , 2018, 765, 329-334.	0.4	2
125	Effect of Oil Palm Fiber Content on the Physical and Mechanical Properties and Microstructure of High-Calcium Fly Ash Geopolymer Paste. <i>Arabian Journal for Science and Engineering</i> , 2018, 43, 5215-5224.	1.7	19
126	Creep properties of cement and alkali activated fly ash materials using nanoindentation technique. <i>Construction and Building Materials</i> , 2018, 168, 547-555.	3.2	35

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127	Effect of Oregano Essential Oil Content on Properties of Green Biocomposites Based on Cassava Starch and Sugarcane Bagasse for Bioactive Packaging. <i>Journal of Polymers and the Environment</i> , 2018, 26, 311-318.	2.4	34
128	Mechanical Properties, Thermal Conductivity, and Sound Absorption of Pervious Concrete Containing Recycled Concrete and Bottom Ash Aggregates. <i>KSCE Journal of Civil Engineering</i> , 2018, 22, 1369-1376.	0.9	64
129	Microstructure, dielectric and piezoelectric properties of Pb^{3+} lead free barium zirconate titanate ceramic-Portland fly ash cement composites. <i>Ceramics International</i> , 2018, 44, 76-82.	2.3	20
130	Bioactive Starch Foam Composite Enriched With Natural Antioxidants from Spent Coffee Ground and Essential Oil. <i>Starch/Staerke</i> , 2018, 70, 1700238.	1.1	31
131	Investigation on the strength, chloride migration, and water permeability of eco-friendly concretes from industrial by-product materials. <i>Journal of Cleaner Production</i> , 2018, 172, 1691-1698.	4.6	39
132	Flexural performance and toughness of hybrid steel and polypropylene fibre reinforced geopolymer. <i>Construction and Building Materials</i> , 2018, 161, 37-44.	3.2	120
133	Strength development and durability of alkali-activated fly ash mortar with calcium carbide residue as additive. <i>Construction and Building Materials</i> , 2018, 162, 714-723.	3.2	95
134	Properties of metakaolin-high calcium fly ash geopolymer concrete containing recycled aggregate from crushed concrete specimens. <i>Construction and Building Materials</i> , 2018, 161, 365-373.	3.2	152
135	Compressive strength and microstructure analysis of geopolymer paste using waste glass powder and fly ash. <i>Journal of Cleaner Production</i> , 2018, 172, 2892-2898.	4.6	169
136	Structural Lightweight Concrete Containing Recycled Lightweight Concrete Aggregate. <i>KSCE Journal of Civil Engineering</i> , 2018, 22, 3077-3084.	0.9	26
137	High calcium fly ash geopolymer stabilized lateritic soil and granulated blast furnace slag blends as a pavement base material. <i>Journal of Hazardous Materials</i> , 2018, 341, 257-267.	6.5	215
138	Effects of carbon fiber on mechanical and electrical properties of fly ash geopolymer composite. <i>Materials Today: Proceedings</i> , 2018, 5, 14017-14025.	0.9	26
139	Effect of calcium-rich compounds on setting time and strength development of alkali-activated fly ash cured at ambient temperature. <i>Case Studies in Construction Materials</i> , 2018, 9, e00198.	0.8	36
140	Resistance to sulfate attack and underwater abrasion of fiber reinforced cement mortar. <i>Construction and Building Materials</i> , 2018, 189, 686-694.	3.2	46
141	Use of crushed clay brick and pumice aggregates in lightweight geopolymer concrete. <i>Construction and Building Materials</i> , 2018, 188, 1025-1034.	3.2	100
142	Polyvinyl Alcohol (PVA)/Starch Bioactive Packaging Film Enriched with Antioxidants from Spent Coffee Ground and Citric Acid. <i>Journal of Polymers and the Environment</i> , 2018, 26, 3762-3772.	2.4	55
143	Optical and dielectric properties of nano-sized tricalcium aluminate hexahydrate (C_3AH_6) cement. <i>Construction and Building Materials</i> , 2018, 179, 57-65.	3.2	30
144	Mechanical and thermal properties of lightweight geopolymer mortar incorporating crumb rubber. <i>Journal of Cleaner Production</i> , 2018, 195, 1069-1080.	4.6	127

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145	Alternative Cementitious Materials and Their Composites. <i>Advances in Materials Science and Engineering</i> , 2018, 2018, 1-2.	1.0	1
146	A Mix Design Procedure for Alkali-Activated High-Calcium Fly Ash Concrete Cured at Ambient Temperature. <i>Advances in Materials Science and Engineering</i> , 2018, 2018, 1-13.	1.0	55
147	Sulfoaluminate cement-based concrete. , 2018, , 355-385.		9
148	Residual flexural behavior of fiber reinforced concrete after heating. <i>Materials and Structures/Materiaux Et Constructions</i> , 2018, 51, 1.	1.3	17
149	Mechanical properties, microstructure and drying shrinkage of hybrid fly ash-basalt fiber geopolymer paste. <i>Construction and Building Materials</i> , 2018, 186, 62-70.	3.2	122
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