

Suksun Horpibulsuk

List of Publications by Year in descending order

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Version: 2024-02-01

334
papers

15,809
citations

12330

69
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25787

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all docs

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docs citations

336
times ranked

6401
citing authors

#	ARTICLE	IF	CITATIONS
1	Bagasse ash-fly ash-geopolymer-treated soft Bangkok clay as subgrade material. <i>Environmental Geotechnics</i> , 2023, 10, 409-416.	2.3	10
2	Cement natural rubber latex stabilised recycled concrete aggregate as a pavement base material. <i>Road Materials and Pavement Design</i> , 2023, 24, 1636-1650.	4.0	3
3	Application of artificial neural network models for predicting the resilient modulus of recycled aggregates. <i>International Journal of Pavement Engineering</i> , 2022, 23, 1121-1133.	4.4	18
4	Effect of moisture sensitivity on the light stabilisation of demolition materials in pavement bases. <i>Road Materials and Pavement Design</i> , 2022, 23, 787-801.	4.0	6
5	Enhancing the Bearing Capacity of Rigid Footing Using Limited Life Kenaf Geotextile Reinforcement. <i>Journal of Natural Fibers</i> , 2022, 19, 2868-2884.	3.1	7
6	Cement-treated recycled glass and crushed rock blends: modulus of rupture and stiffness properties. <i>International Journal of Pavement Engineering</i> , 2022, 23, 851-861.	4.4	5
7	Cement stabilisation of recycled concrete aggregate modified with polyvinyl alcohol. <i>International Journal of Pavement Engineering</i> , 2022, 23, 349-357.	4.4	19
8	Geothermal pavements: field observations, numerical modelling and long-term performance. <i>Geotechnique</i> , 2022, 72, 832-846.	4.0	8
9	Evaluation of Interface Shear Strength of Natural Kenaf Geogrid and Recycled Concrete Aggregate for Sustainable Pavement Applications. <i>Journal of Natural Fibers</i> , 2022, 19, 6165-6181.	3.1	5
10	Evaluation of durability against wetting and drying cycles of cement-natural rubber latex stabilised unpaved road under cyclic tensile loading. <i>International Journal of Pavement Engineering</i> , 2022, 23, 4442-4453.	4.4	13
11	Assessing the performance of geothermal pavement constructed using demolition wastes by experimental and CFD simulation techniques. <i>Geomechanics for Energy and the Environment</i> , 2022, 29, 100271.	2.5	4
12	Microstructural and mechanical properties of marine clay cemented with industrial waste residue-based binder (IWRB). <i>Acta Geotechnica</i> , 2022, 17, 1859-1877.	5.7	6
13	Evaluating the effective thermal conductivity of geothermal pavements constructed using demolition wastes by DEM and 3D printing techniques. <i>Acta Geotechnica</i> , 2022, 17, 1681-1697.	5.7	5
14	Strength and permanent deformation properties of demolition wastes, glass, and plastics stabilized with foamed bitumen for pavement bases. <i>Construction and Building Materials</i> , 2022, 320, 126108.	7.2	11
15	Improvement of Tensile Properties of Cement-Stabilized Soil Using Natural Rubber Latex. <i>Journal of Materials in Civil Engineering</i> , 2022, 34, .	2.9	10
16	New threshold for landslide warning in the southern part of Thailand integrates cumulative rainfall with event rainfall depth-duration. <i>Natural Hazards</i> , 2022, 113, 125-141.	3.4	12
17	Evaluation of rutting resistance and geotechnical properties of cement stabilized recycled glass, brick and concrete triple blends. <i>Transportation Geotechnics</i> , 2022, 34, 100755.	4.5	9
18	Surface stabilization of clay using sodium alginate. <i>Case Studies in Construction Materials</i> , 2022, 16, e01006.	1.7	3

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19	Stability investigation of the flood protection structure at Nava Nakorn industrial estate, Thailand. <i>Engineering Failure Analysis</i> , 2022, 137, 106279.	4.0	3
20	Improved Performance of Asphalt Concretes using Bottom Ash as an Alternative Aggregate. <i>Sustainability</i> , 2022, 14, 7033.	3.2	9
21	Engineering Behaviour of a Geopolymer-stabilised High-water Content Soft Clay. <i>International Journal of Geosynthetics and Ground Engineering</i> , 2022, 8, .	2.0	5
22	Natural Rubber Latexâ€“Modified Concrete Pavements: Evaluation and Design Approach. <i>Journal of Materials in Civil Engineering</i> , 2022, 34, .	2.9	4
23	Assessment of disturbance impact of hydraulic jacked-in pile penetration in artificial clayey soil. <i>Marine Georesources and Geotechnology</i> , 2021, 39, 631-637.	2.1	0
24	Fly ash based geopolymer stabilisation of silty clay/blast furnace slag for subgrade applications. <i>Road Materials and Pavement Design</i> , 2021, 22, 357-371.	4.0	42
25	Evaluation of polyvinyl alcohol and high calcium fly ash based geopolymer for the improvement of soft Bangkok clay. <i>Transportation Geotechnics</i> , 2021, 27, 100476.	4.5	20
26	Shakedown analysis of PET blends with demolition waste as pavement base/subbase materials using experimental and neural network methods. <i>Transportation Geotechnics</i> , 2021, 27, 100481.	4.5	19
27	Temperature and Duration Impact on the Strength Development of Geopolymerized Granulated Blast Furnace Slag for Usage as a Construction Material. <i>Journal of Materials in Civil Engineering</i> , 2021, 33, .	2.9	2
28	1D Constitutive Model for Expansive Soils. <i>International Journal of Geomechanics</i> , 2021, 21, 04020260.	2.7	2
29	Soilâ€“Cement Screw Pile: Alternative Pile for Low- and Medium-Rise Buildings in Soft Bangkok Clay. <i>Journal of Construction Engineering and Management - ASCE</i> , 2021, 147, 04020173.	3.8	12
30	Performance and Toxic Leaching Evaluation of Dense-Graded Asphalt Concrete Using Steel Slag as Aggregate. <i>Journal of Materials in Civil Engineering</i> , 2021, 33, .	2.9	11
31	Full scale consolidation test on ultra-soft soil improved by prefabricated vertical drains in MAE MOH mine, Thailand. <i>Geotextiles and Geomembranes</i> , 2021, 49, 72-80.	4.6	2
32	Optimum model for bearing capacity of concrete-steel columns with AI technology via incorporating the algorithms of IWO and ABC. <i>Engineering With Computers</i> , 2021, 37, 797-807.	6.1	43
33	Environmentally sustainable groundwater control during dewatering with barriers: A case study in Shanghai. <i>Underground Space (China)</i> , 2021, 6, 12-23.	7.5	7
34	Recycled Glass Blends with Recycled Concrete Aggregates in Sustainable Railway Geotechnics. <i>Sustainability</i> , 2021, 13, 2463.	3.2	14
35	Permanent Deformation and Rutting Resistance of Demolition Waste Triple Blends in Unbound Pavement Applications. <i>Materials</i> , 2021, 14, 798.	2.9	6
36	Load Bearing Capacity of Cohesive-Frictional Soils Reinforced with Full-Wraparound Geotextiles: Experimental and Numerical Investigation. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2973.	2.5	7

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37	Steady-State Groundwater in Mechanical Stabilized Earth Walls of Various Dimensions with Geocomposite Back Drain Installation. <i>International Journal of Geomechanics</i> , 2021, 21, 04021017.	2.7	0
38	Dynamic characterization of recycled glass-recycled concrete blends using experimental analysis and artificial neural network modeling. <i>Soil Dynamics and Earthquake Engineering</i> , 2021, 142, 106544.	3.8	23
39	Hydraulic transmissivity of geocomposite confined with soils. Measurement: <i>Journal of the International Measurement Confederation</i> , 2021, 175, 109106.	5.0	1
40	Improved heavy metal immobilization of compacted clay by cement treatment. <i>Heliyon</i> , 2021, 7, e06917.	3.2	9
41	Thermal and mechanical properties of demolition wastes in geothermal pavements by experimental and machine learning techniques. <i>Construction and Building Materials</i> , 2021, 280, 122499.	7.2	23
42	Cyclic behavior of semi-rigid recovered plastic blends in railway track substructure. <i>Transportation Geotechnics</i> , 2021, 28, 100514.	4.5	8
43	Stabilization of PET plastic-demolition waste blends using fly ash and slag-based geopolymers in light traffic road bases/subbases. <i>Construction and Building Materials</i> , 2021, 284, 122809.	7.2	16
44	Durability improvement of cement stabilized pavement base using natural rubber latex. <i>Transportation Geotechnics</i> , 2021, 28, 100518.	4.5	23
45	Geotechnical and geoenvironmental engineering education during the pandemic. <i>Environmental Geotechnics</i> , 2021, 8, 233-243.	2.3	7
46	Improvement of flexural strength of concrete pavements using natural rubber latex. <i>Construction and Building Materials</i> , 2021, 282, 122704.	7.2	24
47	Performance improvement of asphalt concretes using fiber reinforcement. <i>Heliyon</i> , 2021, 7, e07015.	3.2	14
48	DEM simulation of the thermo-geomechanical effect of recycled concrete aggregate assemblies in geothermal pavement bases. <i>Transportation Geotechnics</i> , 2021, 28, 100528.	4.5	5
49	Carbonated ground granulated blast furnace slag stabilising brown kaolin. <i>Environmental Science and Pollution Research</i> , 2021, 28, 57308-57320.	5.3	6
50	Resilient moduli of demolition wastes in geothermal pavements: Experimental testing and ANFIS modelling. <i>Transportation Geotechnics</i> , 2021, 29, 100592.	4.5	11
51	Investigating the thermal behaviour of geothermal pavements using Thermal Response Test (TRT). <i>Transportation Geotechnics</i> , 2021, 29, 100576.	4.5	16
52	Stress-dilatancy responses of recovered plastics and demolition waste blends as a construction material. <i>Construction and Building Materials</i> , 2021, 297, 123762.	7.2	3
53	Generalized Interface Shear Strength Equation for Recycled Materials Reinforced with Geogrids. <i>Sustainability</i> , 2021, 13, 9446.	3.2	5
54	Strength and Microstructure of Clay Geopolymer Non-Load-Bearing Masonry Units Using Fine-Clay Brick Waste and Palm Oil Fuel Ash. <i>Journal of Materials in Civil Engineering</i> , 2021, 33, .	2.9	3

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55	Mechanical Properties of Fly Ash "Asphalt Emulsion Geopolymer Stabilized Crushed Rock for Sustainable Pavement Base. Journal of Materials in Civil Engineering, 2021, 33, .	2.9	10
56	Crushing behavior of recycled waste materials: Experimental analysis and DEM simulation. Construction and Building Materials, 2021, 299, 124226.	7.2	2
57	DEM modeling and experimental analysis of the breakage behavior of recycled crushed brick particles. Transportation Geotechnics, 2021, 30, 100586.	4.5	10
58	Engineering Characteristics and Environmental Risks of Utilizing Recycled Aluminum Salt Slag and Recycled Concrete as a Sustainable Geomaterial. Sustainability, 2021, 13, 10633.	3.2	7
59	Thermal performance of geothermal pavements constructed with demolition wastes. Geomechanics for Energy and the Environment, 2021, 28, 100253.	2.5	11
60	Geothermal Pavements: An Experimental and Numerical Study on Thermal Performance. Sustainable Civil Infrastructures, 2021, , 65-82.	0.2	0
61	Improved Mechanical Properties of Cement-Stabilized Soft Clay Using Garnet Residues and Tire-Derived Aggregates for Subgrade Applications. Sustainability, 2021, 13, 11692.	3.2	9
62	Sustainable Stabilization of Compacted Clay Using Sodium Alginate for Subgrade Application. International Journal of Geosynthetics and Ground Engineering, 2021, 7, 1.	2.0	14
63	Role of Fly Ash on Strength Properties of Rejuvenated Soil Cement for Pavement Materials. Civil and Environmental Engineering, 2021, 17, 583-596.	1.2	4
64	Composite contiguous pile wall and deep mixing column wall as a dam "Design, construction and performance. Case Studies in Construction Materials, 2021, 15, e00771.	1.7	1
65	Interface shear behaviours between recycled concrete aggregate and geogrids for pavement applications. International Journal of Pavement Engineering, 2020, 21, 228-235.	4.4	24
66	Alkali activation of lime kiln dust and fly ash blends for the stabilisation of demolition wastes. Road Materials and Pavement Design, 2020, 21, 1514-1528.	4.0	11
67	Analysis of a tunnel failure caused by leakage of the shield tail seal system. Underground Space (China), 2020, 5, 105-114.	7.5	30
68	Bearing capacity performance of soft cohesive soil treated by kenaf limited life geotextile. Marine Georesources and Geotechnology, 2020, 38, 755-760.	2.1	8
69	An extended modified cam clay model for improved accuracy at low and high-end stress levels. Marine Georesources and Geotechnology, 2020, 38, 423-436.	2.1	3
70	Strength development of recycled concrete aggregate stabilized with fly ash-rice husk ash based geopolymer as pavement base material. Road Materials and Pavement Design, 2020, 21, 2344-2355.	4.0	42
71	Wetting-drying cycles durability of cement stabilised marginal lateritic soil/melamine debris blends for pavement applications. Road Materials and Pavement Design, 2020, 21, 500-518.	4.0	22
72	Pullout resistance mechanism of bearing reinforcement embedded in coarse-grained soils: Laboratory and field investigations. Transportation Geotechnics, 2020, 22, 100297.	4.5	10

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73	Recycling waste rubber tyres in construction materials and associated environmental considerations: A review. Resources, Conservation and Recycling, 2020, 155, 104679.	10.8	294
74	Predicting Pullout Resistance of Bearing Reinforcement Embedded in Cohesive-Frictional Soils. Journal of Materials in Civil Engineering, 2020, 32, .	2.9	8
75	Stiffness and flexural strength evaluation of cement stabilized PET blends with demolition wastes. Construction and Building Materials, 2020, 239, 117819.	7.2	23
76	Recent massive incidents for subway construction in soft alluvial deposits of Taiwan: A review. Tunnelling and Underground Space Technology, 2020, 96, 103178.	6.2	67
77	Wheel tracker testing of recycled concrete and tyre aggregates in Australia. Geotechnical Research, 2020, 7, 49-57.	1.4	9
78	Laboratory Investigation of Cement-Stabilized Marginal Lateritic Soil by Crushed Slagâ€“Fly Ash Replacement for Pavement Applications. Journal of Materials in Civil Engineering, 2020, 32, .	2.9	19
79	Mechanical Strength Improvement of Cement-Stabilized Soil Using Natural Rubber Latex for Pavement Base Applications. Journal of Materials in Civil Engineering, 2020, 32, .	2.9	26
80	Shakedown analysis of recycled materials as railway capping layer under cyclic loading. Soil Dynamics and Earthquake Engineering, 2020, 139, 106423.	3.8	20
81	Compressibility and strength development of geopolymers stabilized columns cured under stress. Soils and Foundations, 2020, 60, 1241-1250.	3.1	20
82	Hybrid Formulation of Resilient Modulus for Cohesive Subgrade Soils Utilizing CPT Test Parameters. Journal of Materials in Civil Engineering, 2020, 32, 06020011.	2.9	3
83	Influential Factors Affecting Travelersâ€™ Mode Choice Behavior on Mass Transit in Bangkok, Thailand. Sustainability, 2020, 12, 9522.	3.2	20
84	Evaluation of shear strength properties of unbound PET plastic in blends with demolition wastes. Construction and Building Materials, 2020, 262, 120545.	7.2	11
85	Engineering and Leachate Characteristics of Granulated Blast-Furnace Slag as a Construction Material. Journal of Materials in Civil Engineering, 2020, 32, .	2.9	7
86	Development of genetic-based models for predicting the resilient modulus of cohesive pavement subgrade soils. Soils and Foundations, 2020, 60, 398-412.	3.1	46
87	Performance Improvement of Asphalt Concretes Using Steel Slag as a Replacement Material. Journal of Materials in Civil Engineering, 2020, 32, .	2.9	27
88	Performance and evaluation of calcium carbide residue stabilized lateritic soil for construction materials. Case Studies in Construction Materials, 2020, 13, e00389.	1.7	20
89	Sustainable Soil Bearing Capacity Improvement Using Natural Limited Life Geotextile Reinforcementâ€“A Review. Minerals (Basel, Switzerland), 2020, 10, 479.	2.0	12
90	Experimental investigation and modelling the deformation properties of demolition wastes subjected to freezeâ€“thaw cycles using ANN and SVR. Construction and Building Materials, 2020, 258, 119688.	7.2	40

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91	Consolidation behavior of dredged ultra-soft soil improved with prefabricated vertical drain at the Mae Moh mine, Thailand. <i>Geotextiles and Geomembranes</i> , 2020, 48, 561-571.	4.6	26
92	Discrete element analysis of recycled concrete aggregate responses during repeated load triaxial testing. <i>Transportation Geotechnics</i> , 2020, 23, 100356.	4.5	19
93	Experimental and ANN analysis of temperature effects on the permanent deformation properties of demolition wastes. <i>Transportation Geotechnics</i> , 2020, 24, 100365.	4.5	40
94	Recovered plastic and demolition waste blends as railway capping materials. <i>Transportation Geotechnics</i> , 2020, 22, 100320.	4.5	29
95	Properties of cellular lightweight high calcium bottom ash-portland cement geopolymer mortar. <i>Case Studies in Construction Materials</i> , 2020, 12, e00337.	1.7	17
96	Interface shear strength properties of geogrid-reinforced steel slags using a large-scale direct shear testing apparatus. <i>Geotextiles and Geomembranes</i> , 2020, 48, 625-633.	4.6	32
97	Shear strength properties and stress-strain behavior of waste foundry sand. <i>Construction and Building Materials</i> , 2020, 249, 118761.	7.2	24
98	Properties of Asphalt Concrete Using Aggregates Composed of Limestone and Steel Slag Blends. <i>Journal of Materials in Civil Engineering</i> , 2020, 32, .	2.9	16
99	Compressibility of ultra-soft soil in the Mae Moh Mine, Thailand. <i>Engineering Geology</i> , 2020, 271, 105594.	6.3	11
100	Physical and mechanical properties of natural rubber modified cement paste. <i>Construction and Building Materials</i> , 2020, 244, 118319.	7.2	32
101	Experimental Evaluation of Strut-and-Tie Model of Anchorage Zone in Posttensioned Concrete Structures. <i>Journal of Testing and Evaluation</i> , 2020, 48, 20180883.	0.7	1
102	Environmental and economic viability of Alkali Activated Material (AAM) comprising slag, fly ash and spent coffee ground. <i>International Journal of Sustainable Engineering</i> , 2019, 12, 223-232.	3.5	26
103	Case investigation on application of steel fibers in roller compacted concrete pavement in Thailand. <i>Case Studies in Construction Materials</i> , 2019, 11, e00271.	1.7	12
104	Utilization of Alkali-Activated Fly Ash for Construction of Deep Mixed Columns in Loose Sands. <i>Journal of Materials in Civil Engineering</i> , 2019, 31, .	2.9	24
105	Identifying parameters of advanced soil models using an enhanced transitional Markov chain Monte Carlo method. <i>Acta Geotechnica</i> , 2019, 14, 1925-1947.	5.7	62
106	Environmentally sustainable groundwater control during dewatering with barriers: A case study in Shanghai. <i>Underground Space (China)</i> , 2019, , .	7.5	1
107	Assessment of mechanical properties of cement stabilized soils. <i>Case Studies in Construction Materials</i> , 2019, 11, e00301.	1.7	35
108	Amazing Types, Properties, and Applications of Fibres in Construction Materials. <i>Materials</i> , 2019, 12, 2513.	2.9	86

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109	Stability characteristics of shallow landslide triggered by rainfall. <i>Journal of Mountain Science</i> , 2019, 16, 2171-2183.	2.0	20
110	Physical and Microstructure Properties of Geopolymer Nanocomposite Reinforced with Carbon Nanotubes. <i>Materials Today: Proceedings</i> , 2019, 17, 1682-1692.	1.8	28
111	Nanoparticles in Construction Materials and Other Applications, and Implications of Nanoparticle Use. <i>Materials</i> , 2019, 12, 3052.	2.9	161
112	Impact of potassium cations on the light chemical stabilization of construction and demolition wastes. <i>Construction and Building Materials</i> , 2019, 203, 69-74.	7.2	36
113	Utilizing recycled PET blends with demolition wastes as construction materials. <i>Construction and Building Materials</i> , 2019, 221, 200-209.	7.2	62
114	Microstructural characteristics of organic soils treated with biomass silica stabilizer. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	2.7	21
115	Nonlinear Frame Element with Shear-Flexure Interaction for Seismic Analysis of Non-Ductile Reinforced Concrete Columns. <i>International Journal of Concrete Structures and Materials</i> , 2019, 13, .	3.2	6
116	Strength and Microstructure of Palm Oil Fuel Ash-Fly Ash-Soft Soil Geopolymer Masonry Units. <i>Journal of Materials in Civil Engineering</i> , 2019, 31, .	2.9	23
117	Tire derived aggregates as a supplementary material with recycled demolition concrete for pavement applications. <i>Journal of Cleaner Production</i> , 2019, 230, 129-136.	9.3	40
118	Shear Strength Improvement of Lateritic Soil Stabilized by Biopolymer Based Stabilizer. <i>Geotechnical and Geological Engineering</i> , 2019, 37, 5533-5541.	1.7	26
119	Recycled Concrete Aggregate Modified with Polyvinyl Alcohol and Fly Ash for Concrete Pavement Applications. <i>Journal of Materials in Civil Engineering</i> , 2019, 31, .	2.9	33
120	Investigation of tensile strength on alkaline treated and untreated kenaf geotextile under dry and wet conditions. <i>Geotextiles and Geomembranes</i> , 2019, 47, 522-529.	4.6	17
121	Enhancement of Soft Soil Behaviour by using Floating Bottom Ash Columns. <i>KSCE Journal of Civil Engineering</i> , 2019, 23, 2453-2462.	1.9	7
122	Geotechnical properties of steel slag aggregates: Shear strength and stiffness. <i>Soils and Foundations</i> , 2019, 59, 1591-1601.	3.1	13
123	Stiffness and strength characteristics of demolition waste, glass and plastics in railway capping layers. <i>Soils and Foundations</i> , 2019, 59, 2238-2253.	3.1	31
124	Solidification and stabilisation of metal plating sludge with fly ash geopolymers. <i>Environmental Geotechnics</i> , 2019, , 1-10.	2.3	6
125	Flexural fatigue strength of demolition aggregates stabilized with alkali-activated calcium carbide residue. <i>Construction and Building Materials</i> , 2019, 199, 115-123.	7.2	35
126	Tyre derived aggregates and waste rock blends: Resilient moduli characteristics. <i>Construction and Building Materials</i> , 2019, 201, 207-217.	7.2	20

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127	Extended water/cement ratio law for cement mortar containing recycled asphalt pavement. <i>Construction and Building Materials</i> , 2019, 196, 457-467.	7.2	22
128	Recycling waste materials in geopolymer concrete. <i>Clean Technologies and Environmental Policy</i> , 2019, 21, 493-515.	4.1	89
129	Impact of field conditions on the strength development of a geopolymer stabilized marine clay. <i>Applied Clay Science</i> , 2019, 167, 33-42.	5.2	70
130	Volumetric Behavior and Soil Water Characteristic Curve of Untreated and Lime-Stabilized Reactive Clay. <i>International Journal of Geomechanics</i> , 2019, 19, .	2.7	14
131	Strength evaluation of utilizing recycled plastic waste and recycled crushed glass in concrete footpaths. <i>Construction and Building Materials</i> , 2019, 197, 489-496.	7.2	86
132	Palm oil fuel ash-soft soil geopolymer for subgrade applications: strength and microstructural evaluation. <i>Road Materials and Pavement Design</i> , 2019, 20, 110-131.	4.0	53
133	Effect of cumulative traffic and statistical predictive modelling of field skid resistance. <i>Road Materials and Pavement Design</i> , 2019, 20, 426-439.	4.0	18
134	Stiffness and strength properties of spent coffee grounds-recycled glass geopolymers. <i>Road Materials and Pavement Design</i> , 2019, 20, 623-638.	4.0	23
135	Strength prediction of cement-stabilised reclaimed asphalt pavement and lateritic soil blends. <i>International Journal of Pavement Engineering</i> , 2019, 20, 332-338.	4.4	24
136	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.	3.1	25
137	Durability against wetting-drying cycles for cement-stabilized reclaimed asphalt pavement blended with crushed rock. <i>Soils and Foundations</i> , 2018, 58, 333-343.	3.1	26
138	Compressive and Flexural Strength of Polyvinyl Alcohol-Modified Pavement Concrete Using Recycled Concrete Aggregates. <i>Journal of Materials in Civil Engineering</i> , 2018, 30, .	2.9	54
139	Bearing capacity of soft soil model treated with end-bearing bottom ash columns. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	14
140	Sustainable Improvement of Clays Using Low-Carbon Nontraditional Additive. <i>International Journal of Geomechanics</i> , 2018, 18, .	2.7	52
141	Effects of industrial by-product based geopolymers on the strength development of a soft soil. <i>Soils and Foundations</i> , 2018, 58, 716-728.	3.1	100
142	Failure of riverbank protection structure and remedial approach: A case study in Suraburi province, Thailand. <i>Engineering Failure Analysis</i> , 2018, 91, 243-254.	4.0	12
143	Sustainable Improvement of Marine Clay Using Recycled Blended Tiles. <i>Geotechnical and Geological Engineering</i> , 2018, 36, 3135-3147.	1.7	42
144	Investigation into the tempo-spatial distribution of recent fire hazards in China. <i>Natural Hazards</i> , 2018, 92, 1889-1907.	3.4	11

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145	Recycled concrete aggregate/municipal glass blends as a low-carbon resource material for footpaths. <i>Road Materials and Pavement Design</i> , 2018, 19, 727-740.	4.0	21
146	Impact of curing on behaviour of basaltic expansive clay. <i>Road Materials and Pavement Design</i> , 2018, 19, 624-645.	4.0	18
147	A new approach for determining resilient moduli of marginal pavement base materials using the staged repeated load CBR test method. <i>Road Materials and Pavement Design</i> , 2018, 19, 1848-1867.	4.0	19
148	Practical approach to predict the shear strength of fibre-reinforced clay. <i>Geosynthetics International</i> , 2018, 25, 50-66.	2.9	62
149	Explicit stress-strain equations for modeling frictional materials. <i>Marine Georesources and Geotechnology</i> , 2018, 36, 722-734.	2.1	1
150	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.	12.4	215
151	Marginal lateritic soil/crushed slag blends as an engineering fill material. <i>Soils and Foundations</i> , 2018, 58, 786-795.	3.1	24
152	Evaluation of fly ash- and slag-based geopolymers for the improvement of a soft marine clay by deep soil mixing. <i>Soils and Foundations</i> , 2018, 58, 1358-1370.	3.1	106
153	Field Performance of Open-Ended Prestressed High-Strength Concrete Pipe Piles Jacked into Clay. <i>Sensors</i> , 2018, 18, 4216.	3.8	12
154	Solidification-Stabilization of Heavy Metal-Contaminated Clays Using Gypsum: Multiscale Assessment. <i>International Journal of Geomechanics</i> , 2018, 18, .	2.7	33
155	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.	1.7	36
156	A review of studies on bricks using alternative materials and approaches. <i>Construction and Building Materials</i> , 2018, 188, 1101-1118.	7.2	119
157	Strength and Microstructural Study of Recycled Asphalt Pavement: Slag Geopolymer as a Pavement Base Material. <i>Journal of Materials in Civil Engineering</i> , 2018, 30, .	2.9	52
158	Flexural responses of nanobeams with coupled effects of nonlocality and surface energy. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2018, 98, 1771-1793.	1.6	7
159	Environmental Suitability and Carbon Footprint Savings of Recycled Tyre Crumbs for Road Applications. <i>International Journal of Environmental Research</i> , 2018, 12, 693-702.	2.3	9
160	Alkali-activation of fly ash and cement kiln dust mixtures for stabilization of demolition aggregates. <i>Construction and Building Materials</i> , 2018, 186, 71-78.	7.2	46
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326	Clay-Water-Cement Ratio Identity for Cement Admixed Soft Clays. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2005, 131, 187-192.	3.0	200
327	Compressibility of cement-admixed clays at high water content. <i>Geotechnique</i> , 2004, 54, 151-154.	4.0	125
328	Undrained Shear Behavior of Cement Admixed Clay at High Water Content. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2004, 130, 1096-1105.	3.0	184
329	Analysis of strength development in deep mixing: a field study. <i>Proceedings of the Institution of Civil Engineers: Ground Improvement</i> , 2004, 8, 59-68.	1.0	49
330	Assessment of strength development in cement-admixed high water content clays with Abrams' law as a basis. <i>Geotechnique</i> , 2003, 53, 439-444.	4.0	305
331	Engineering Behavior of Cement Stabilized Clay at High Water Content. <i>Soils and Foundations</i> , 2001, 41, 33-45.	3.1	298
332	Pullout resistance mechanism of bearing reinforcement embedded in residual clayey soils. <i>Geosynthetics International</i> , 0, , 1-9.	2.9	1
333	Environmental assessment of cement-stabilised lateritic soil/melamine debris for Thailand's pavement. <i>Environmental Geotechnics</i> , 0, , 1-7.	2.3	3
334	Development of Green Construction Material from MWA Water Treatment Sludge. , 0, , .		1