Prabir Kolay

List of Publications by Year
in descending order

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Version: 2024-02-01

47	733	623574	552653
papers	citations	14 h-index	26 g-index

47	47	47	718
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Physical, chemical, mineralogical, and thermal properties of cenospheres from an ash lagoon. Cement and Concrete Research, 2001, 31, 539-542.	4.6	123
2	Effect of Multiwalled Carbon Nanotubes on Mechanical Strength of Cement Paste. Journal of Materials in Civil Engineering, 2012, 24, 84-91.	1.3	102
3	Recovery of hollow spherical particles with two different densities from coal fly ash and their characterization. Fuel, 2014, 117, 118-124.	3.4	57
4	Simulation of ashâ€“water interaction and its influence on ash characteristics. Progress in Energy and Combustion Science, 2002, 28, 267-299.	15.8	55
5	Reduction of Expansive Index, Swelling and Compression Behavior of Kaolinite and Bentonite Clay with Sand and Class C Fly Ash. Geotechnical and Geological Engineering, 2016, 34, 87-101.	0.8	42
6	Improvement of Bearing Capacity of Shallow Foundation on Geogrid Reinforced Silty Clay and Sand. Journal of Construction Engineering, 2013, 2013, 1-10.	0.9	40
7	Synthesis of zeolites from a lagoon ash. Fuel, 2001, 80, 739-745.	3.4	35
8	Stabilization of Tropical Peat Soil from Sarawak with Different Stabilizing Agents. Geotechnical and Geological Engineering, 2011, 29, 1135-1141.	0.8	26
9	Characterization of an alkali activated lagoon ash and its application for heavy metal retention. Fuel, 2002, 81, 483-489.	3.4	23
10	Effect of Liquid Acrylic Polymer on Geotechnical Properties of Fine-Grained Soils. International Journal of Geosynthetics and Ground Engineering, 2016, 2, 1.	0.9	22
11	Application of Coal Ash in Fluidized Thermal Beds. Journal of Materials in Civil Engineering, 2002, 14, 441-444.	1.3	17
12	Ground Bottom Ash Application for Conventional Mortar and Geopolymer Paste. Journal of Hazardous, Toxic, and Radioactive Waste, 2020, 24, .	1.2	17
13	Long-Term Durability of Ordinary Portland Cement and Polypropylene Fibre Stabilized Kaolin Soil Using Wettingâ€“Drying and Freezingâ€“Thawing Test. International Journal of Geosynthetics and Ground Engineering, 2020, 6, 1.	0.9	16
14	A Critical Appraisal of Soil Stabilization Using Geopolymers: The Past, Present and Future. International Journal of Geosynthetics and Ground Engineering, 2021, 7, 1.	0.9	16
15	Effect of zeolitization on physicochemico-mineralogical and geotechnical properties of lagoon ash. Canadian Geotechnical Journal, 2001, 38, 1105-1112.	1.4	14
16	Effects of Fly Ash on Liquefaction Characteristics of Ottawa Sand. International Journal of Geosynthetics and Ground Engineering, 2019, 5, 1.	0.9	13
17	Geotechnical Properties and Microstructure of Liquid Polymer Amended Fine-Grained Soils. Geotechnical and Geological Engineering, 2020, 38, 2479-2491.	0.8	13
18	Analysis of Coal Ash for Trace Elements and their Geo-environmental Implications. Water, Air, and Soil Pollution, 2009, 198, 87-94.	1.1	12

#	Article	IF	Citations
19	Physico-geotechnical properties of peat and its stabilisation. Proceedings of the Institution of Civil Engineers: Ground Improvement, 2016, 169, 206-216.	0.7	10
20	Effect of Multiwalled Carbon Nanotube in Cement Composite on Mechanical Strength and Freeze-Thaw Susceptibility. Advances in Civil Engineering Materials, 2015, 4, 257-274.	0.2	10
21	Studies of lagoon ash from Sarawak to assess the impact on the environment. Fuel, 2010, 89, 346-351.	3.4	8
22	Physical and geotechnical characteristics of stabilized and unstabilized tropical peat soil. World Journal of Engineering, 2011, 8, 223-230.	1.0	8
23	Effect of salt and NAPL on electrical resistivity of fine-grained soil-sand mixtures. International Journal of Geotechnical Engineering, 2018, 12, 13-19.	1.1	8
24	Correlation between Different Physical and Engineering Properties of Tropical Peat Soils from Sarawak. , 2010, , .		7
25	Effect of alkali on tropical peat stabilized with different stabilizers. International Journal of Geotechnical Engineering, 2011, 5, 189-197.	1.1	6
26	Freeze-Thaw Durability of Concrete with Natural and Recycled Concrete Aggregates Using Air-Entraining Admixture. Advances in Civil Engineering Materials, 2018, 7, 328-346.	0.2	6
27	Physical and Geotechnical Properties of Tropical Peat and Its Stabilization. , 0, , .		5
28	Remediation of the side friction in conventional oedometer tests by using large diameter consolidometer ring. International Journal of Geotechnical Engineering, 2008, 2, 161-167.	1.1	4
29	Compressibility characteristics of tropical peat using Rowe cell consolidation. World Journal of Engineering, 2012, 9, 277-284.	1.0	4
30	Characterization and Utilization of Recycled Concrete Aggregate from Illinois as a Construction Material. , 2014, , .		4
31	Geotechnical Characterization of Coal Ashes from Sarawak for Bulk Utilization. Journal of Solid Waste Technology and Management, 2009, 35, 78-87.	0.2	4
32	Resilient Modulus of a Blended Mixture of Recycled Asphalt Pavement and Natural Aggregate as Road Pavement Base Material. , 2016, , .		2
33	Corrosion of Steel in MSE Walls Due to Deicers and Backfill Aggregates. Geotechnical and Geological Engineering, 2020, 38, 2493-2507.	0.8	2
34	Freeze-Thaw Durability of Air-Entrained Concrete Incorporating Natural and Recycled Concrete Aggregate Mixtures. Sustainable Civil Infrastructures, 2018, , 185-196.	0.1	1
35	Effect of Lime Sludge andÂFly Ash on Unconfined Compression and Linear Shrinkage Behavior of Kaolinite Clay. Lecture Notes in Civil Engineering, 2021, , 317-326.	0.3	1
36	Image Processing in Measuring and Observing the Profile for Soil Displacement. HKIE Transactions, 2009, 16, 36-42.	1.9	0

#	Article	IF	Citations
37	Laboratory Measurement of Displacement on Shallow Foundation in Uniform Sand using Particle Image Velocimetry Technique. Jurnal Teknologi (Sciences and Engineering), 2013, 61, .	0.3	0
38	Leaching studies of pulverised fuel ash from coal-based thermal power plant and its environmental impact. International Journal of Environmental Engineering, 2016, 8, 200.	0.1	0
39	Analysis of foundation system partially on shafts and partially on mat foundation and its influence on adjacent existing drilled shafts. International Journal of Geotechnical Engineering, 2016, 10, 358-365.	1.1	0
40	Effect of Plasticity on Liquefaction of a Selected Fine-Grained Soil. , 2019, , .		0
41	Effect of Lime Sludge, Polypropylene Fiber on Unconfined Compressive Strength and Shrinkage Behavior of Kaolinite Clay. , 2019, , .		0
42	Editorial: Geotechnical Innovation for Transport Infrastructures. Frontiers in Built Environment, 2020, 6, .	1.2	0
43	Liquefaction Characteristics of Sand With Polypropylene Fiber at Low Confining Stress. Frontiers in Built Environment, 2020, 6, .	1.2	0
44	Guest Editorial for the Special Issue on â€œSustainable Ground Improvement Technologiesâ€• International Journal of Geosynthetics and Ground Engineering, 2021, 7, 1.	0.9	0
45	Leaching studies of pulverised fuel ash from coal-based thermal power plant and its environmental impact. International Journal of Environmental Engineering, 2016, 8, 200.	0.1	0
46	Combined NDT Correlation to Estimate the Compressive Strength of Concrete. , 0, , .		0
47	Effect of Polypropylene Fiber and Curing on the Unconfined Compressive Strength of Geopolymer Stabilized Kaolin Clay. , 2022, , .		0