

Jair de JesÃ³s Arrieta Baldovino

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

420
citations

840585

11
h-index

839398

18
g-index

37
all docs

37
docs citations

37
times ranked

193
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of lime addition on geotechnical properties of sedimentary soil in Curitiba, Brazil. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2018, 10, 188-194.	3.7	62
2	Effects of porosity, dry unit weight, cement content and void/cement ratio on unconfined compressive strength of roof tile waste-silty soil mixtures. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2019, 11, 369-378.	3.7	55
3	Sustainable Use of Recycled-Glass Powder in Soil Stabilization. <i>Journal of Materials in Civil Engineering</i> , 2020, 32, 04020080.	1.3	42
4	Strength, durability, and microstructure of geopolymers based on recycled-glass powder waste and dolomitic lime for soil stabilization. <i>Construction and Building Materials</i> , 2021, 271, 121874.	3.2	42
5	Empirical Relationships with Unconfined Compressive Strength and Split Tensile Strength for the Long Term of a Lime-Treated Silty Soil. <i>Journal of Materials in Civil Engineering</i> , 2018, 30, .	1.3	37
6	Optimizing the evolution of strength for lime-stabilized rammed soil. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2019, 11, 882-891.	3.7	35
7	Equations Controlling Tensile and Compressive Strength Ratio of Sedimentary Soil-Cement Mixtures under Optimal Compaction Conditions. <i>Journal of Materials in Civil Engineering</i> , 2020, 32, .	1.3	29
8	Effects of Freeze-thaw Cycles and Porosity/cement index on Durability, Strength and Capillary Rise of a Stabilized Silty Soil Under Optimal Compaction Conditions. <i>Geotechnical and Geological Engineering</i> , 2021, 39, 481-498.	0.8	23
9	Geopolymers Based on Recycled Glass Powder for Soil Stabilization. <i>Geotechnical and Geological Engineering</i> , 2020, 38, 4013-4031.	0.8	22
10	The role of rice husk ash, cement and polypropylene fibers on the mechanical behavior of a soil from Guabirota formation. <i>Transportation Geotechnics</i> , 2021, 31, 100673.	2.0	17
11	Equations controlling the strength of sedimentary silty soil-cement blends: influence of voids/cement ratio and types of cement. <i>International Journal of Geotechnical Engineering</i> , 2021, 15, 359-372.	1.1	16
12	Impact of Sustainable Granular Materials on the Behavior Sedimentary Silt for Road Application. <i>Geotechnical and Geological Engineering</i> , 2020, 38, 917-933.	0.8	11
13	RELAÃO POROSIDADE/CIMENTO COMO PARÃMETRO DE CONTROLE NA ESTABILIZAÃO DE UM SOLO SILTOSO. <i>Colloquium Exactarum</i> , 2019, 11, 89-100.	0.0	9
14	Experimental Study on Guabirota's Soil Stabilization Using Extreme Molding Conditions. <i>Geotechnical and Geological Engineering</i> , 2020, 38, 2591-2607.	0.8	8
15	Discussion of "Control factors for the long term compressive strength of lime treated sandy clay soil" by Nilo Cesar Consoli, Pedro Domingos Marques Prietto, Luizmar da Silva Lopes and Daniel Winter [Transport. Geotech. 1 (2014) 129-136] http://dx.doi.org/10.1016/j.trgeo.2014.07.005 . <i>Transportation Geotechnics</i> , 2018, 15, 1-3.	2.0	4
16	Advances on dosages for cement stabilized rammed Guabirota silt depending on climate conditions. <i>Soils and Rocks</i> , 2020, 43, 631-645.	0.2	2
17	An equation to estimate the compressive and tensile strengths of lime-stabilized soils in Curitiba, Brazil. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	0.6	2
18	Closure to "Equations Controlling Tensile and Compressive Strength Ratio of Sedimentary Soil-Cement Mixtures under Optimal Compaction Conditions" by Jair de Jesus Arrieta Baldovino, Ronaldo Luis dos Santos Izzo, Mirian Dayane Pereira, Eduardo Vieira de Goes Rocha, Juliana Lundgren Rose, and Vitor Reinaldo Bordignon. <i>Journal of Materials in Civil Engineering</i> , 2021, 33, .	1.3	1

#	ARTICLE	IF	CITATIONS
19	ESTABILIZAÇÃO DE UM SOLO DA CAMADA CINZA DA FORMAÇÃO GUABIROTUBA PARA FINS DE PAVIMENTAÇÃO URBANA EM CURITIBA, BRASIL. <i>Colloquium Exactarum</i> , 2020, 12, 39-52.	0.0	1
20	Parâmetros de resistência e de durabilidade de um silte sedimentar cimentado para aplicação em pavimentação. <i>Transportes</i> , 2020, 28, 117-135.	0.3	1
21	Green-reinforced Sedimentary Silt with Natural Curaua Fiber. <i>Journal of Natural Fibers</i> , 0, , 1-13.	1.7	1
22	Acknowledgement of Reviewers for 2019. <i>Geotechnical and Geological Engineering</i> , 2020, 38, 2391-2401.	0.8	0
23	Acknowledgement of Reviewers for 2020. <i>Geotechnical and Geological Engineering</i> , 2021, 39, 627-635.	0.8	0
24	Reply to Discussion "Geopolymers Based on Recycled Glass Powder for Soil Stabilization" by Jair de Jesus Arrieta Baldovino, Ronaldo Luis dos Santos Izzo, Juliana Lundgren Rose, and Mônica Angélica Avanci. <i>Geotechnical and Geological Engineering</i> , 2021, 39, 4655-4657.	0.8	0
25	Comportamento capilar em siltes sedimentares usando modelo reduzido e altas cargas de sucção. <i>Holos Environment</i> , 2021, 21, 231-248.	0.1	0
26	Closure to "Sustainable Use of Recycled-Glass Powder in Soil Stabilization" by Jair de Jesus Arrieta Baldovino, Ronaldo Luis dos Santos Izzo, Ricardo Rafael da Silva, and Juliana Lundgren Rose. <i>Journal of Materials in Civil Engineering</i> , 2021, 33, 07021004.	1.3	0
27	Influência da adição de cal e cinza de casca de arroz nas propriedades físicas de um solo silto-arenoso sedimentar. <i>Brazilian Journal of Development</i> , 2019, 5, 31107-31115.	0.0	0
28	Fundamentos de Ascensão Capilar em Solos não Saturados. <i>Brazilian Journal of Development</i> , 2019, 5, 30894-30911.	0.0	0
29	CO2 and cost optimization of reinforced concrete footings over a lime-treated soil using modified simulated annealing algorithm. <i>Inge Cuc</i> , 2020, 16, .	0.2	0
30	Variáveis que influenciam na resistência à tração e à compressão simples de dois solos sedimentares estabilizados com cimento. <i>Revista Materia</i> , 2020, 25, .	0.1	0
31	Silte da Formação Guabirotuba estabilizado com resíduo da indústria da celulose e papel. <i>Revista Materia</i> , 2020, 25, .	0.1	0
32	Avaliação da resistência mecânica e da sucção matricial de um solo siltooso cimentado artificialmente ao longo de 500 dias. <i>Revista Materia</i> , 2022, 27, .	0.1	0