

Augusto C S Bezerra

List of Publications by Year in descending order

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50
papers

495
citations

686830

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752256

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51
all docs

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docs citations

51
times ranked

294
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron ore tailings as a supplementary cementitious material in the production of pigmented cements. <i>Journal of Cleaner Production</i> , 2020, 274, 123260.	4.6	55
2	Influence of quartz powder and silica fume on the performance of Portland cement. <i>Scientific Reports</i> , 2020, 10, 21461.	1.6	39
3	Red Mud from the Aluminium Industry: Production, Characteristics, and Alternative Applications in Construction Materials—A Review. <i>Sustainability</i> , 2021, 13, 12741.	1.6	35
4	The effect of calcination conditions on the physical and chemical characteristics of sugar cane bagasse ash. <i>Revista Escola De Minas</i> , 2014, 67, 33-39.	0.1	26
5	Activated carbon of <i>Coriandrum sativum</i> for adsorption of methylene blue: Equilibrium and kinetic modeling. <i>Cleaner Materials</i> , 2022, 3, 100052.	1.9	24
6	Photocatalytic performance of cementitious materials with addition of red mud and Nb ₂ O ₅ particles. <i>Construction and Building Materials</i> , 2020, 259, 119851.	3.2	20
7	Alkaline activation of high-calcium ash and iron ore tailings and their recycling potential in building materials. <i>Ambiente Constru�do</i> , 2019, 19, 99-112.	0.2	19
8	Effect of High Temperature on the Mechanical Properties of Steel Fiber-Reinforced Concrete. <i>Fibers</i> , 2019, 7, 100.	1.8	19
9	Cementitious binders and reclaimed asphalt aggregates for sustainable pavement base layers: Potential, challenges and research needs. <i>Construction and Building Materials</i> , 2020, 265, 120325.	3.2	19
10	Thermal and mechanical analyses of colored mortars produced using Brazilian iron ore tailings. <i>Construction and Building Materials</i> , 2021, 268, 121073.	3.2	17
11	Low-Carbon Concrete Based on Binary Biomass Ash—Silica Fume Binder to Produce Eco-Friendly Paving Blocks. <i>Materials</i> , 2020, 13, 1534.	1.3	15
12	Adding value to polystyrene waste by chemically transforming it into sulfonated polystyrene. <i>Revista Materia</i> , 2019, 24, .	0.1	15
13	Effect of Non-Calcined Sugarcane Bagasse Ash as an Alternative Precursor on the Properties of Alkali-Activated Pastes. <i>Molecules</i> , 2022, 27, 1185.	1.7	15
14	Iron Ore Tailing as Addition to Partial Replacement of Portland Cement. <i>Materials Science Forum</i> , 0, 930, 125-130.	0.3	13
15	Magnesium industry waste and red mud to eco-friendly ternary binder: Producing more sustainable cementitious materials. <i>Construction and Building Materials</i> , 2021, 310, 125172.	3.2	13
16	Sterile Clay Pozzolans from Phosphate Mining. <i>Materials Research</i> , 2015, 18, 230-234.	0.6	11
17	Influence of Reburning on the Pozzolanicity of Sugar-Cane Bagasse Ashes with Different Characteristics. <i>Materials Science Forum</i> , 2016, 869, 141-146.	0.3	10
18	Ecological geopolymer produced with a ternary system of red mud, glass waste, and Portland cement. <i>Cleaner Engineering and Technology</i> , 2022, 6, 100379.	2.1	10

#	ARTICLE	IF	CITATIONS
19	Alkali-activated materials produced using high-calcium, high-carbon biomass ash. <i>Cement and Concrete Composites</i> , 2022, 132, 104646.	4.6	10
20	Effect of partial replacement with thermally processed sugar cane bagasse on the properties of mortars. <i>Revista Materia</i> , 2017, 22, .	0.1	8
21	Hydraulic binder obtained from recycled cement and sand powder. <i>Revista IBRACON De Estruturas E Materiais</i> , 2018, 11, 1178-1185.	0.3	8
22	Influence of Cooling Methods on the Residual Mechanical Behavior of Fire-Exposed Concrete: An Experimental Study. <i>Materials</i> , 2019, 12, 3512.	1.3	8
23	Microstructure and hardness of cement pastes with mineral admixture. <i>Revista Materia</i> , 2017, 22, .	0.1	7
24	Activated carbon obtained from cardboard tube waste of immersion thermocouple and adsorption of methylene blue. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 3297-3308.	2.9	7
25	The Effect of Reclaimed Asphalt Pavement (RAP) Aggregates on the Reaction, Mechanical Properties and Microstructure of Alkali-Activated Slag. <i>CivilEng</i> , 2021, 2, 794-810.	0.8	7
26	A review on some properties of alkali-activated materials. <i>Innovative Infrastructure Solutions</i> , 2022, 7, 1.	1.1	7
27	Valorization of ceramic sludge waste as alternative flux: A way to clean production in the sanitary ware industry. <i>Cleaner Engineering and Technology</i> , 2022, 7, 100453.	2.1	7
28	Thin Slabs Made of High-Performance Steel Fibre-Reinforced Cementitious Composite: Mechanical Behaviour, Statistical Analysis and Microstructural Investigation. <i>Materials</i> , 2019, 12, 3297.	1.3	6
29	Eucalyptus Chip Ashes in Cementitious Composites. <i>Materials Science Forum</i> , 2014, 775-776, 205-209.	0.3	5
30	Recycling ceramic waste as a raw material in sanitary ware production. <i>Ceramica</i> , 2019, 65, 426-431.	0.3	5
31	The influence of specimen capping on the results of compression strength tests of cementitious composites. <i>Revista Escola De Minas</i> , 2012, 65, 291-296.	0.1	5
32	Sericitic Phyllite as Addition in Portland Cement. <i>Materials Science Forum</i> , 2018, 930, 131-136.	0.3	4
33	Substituição parcial do cimento Portland pela cinza de bagaço de cana-de-açúcar em habitações de interesse social. <i>Revista Agrogeoambiental</i> , 2017, 9, .	0.0	4
34	A multiscale investigation on the performance improvement of fiber-reinforced cementitious composites after exposure to high temperatures. <i>Cement and Concrete Composites</i> , 2022, 133, 104657.	4.6	4
35	Evaluation of Sample Preparation Parameters in the Compressive Strength of Cementitious Composites. <i>Materials Science Forum</i> , 2016, 869, 93-97.	0.3	3
36	Activated carbon impregnated with copper to remove l-cysteine in an aqueous medium. <i>International Journal of Environmental Science and Technology</i> , 2021, 18, 809-818.	1.8	3

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37	Resíduos refratários para argamassa para proteção passiva contra incêndio. Ambiente Construído, 2020, 20, 297-304.	0.2	3
38	EQUILÍBRIO DE ADSORÇÃO DO CORANTE RODAMINA B EM CARVÃO ATIVADO OBTIDO DOS RESÍDUOS DO COCO VERDE. The Journal of Engineering and Exact Sciences, 2017, 3, 1051-1058.	0.0	3
39	Propriedades mecânicas de compostos cimentícios produzidos com lodo de estação de tratamento de efluentes da indústria de batata pré-fritas. Revista Escola De Minas, 2012, 65, 169-174.	0.1	2
40	Metal magnesium industry waste for partial replacement of Portland cement. Revista IBRACON De Estruturas E Materiais, 2020, 13, .	0.3	2
41	Efeito do teor de água e tamanho de partícula na decomposição térmica de pastas de cimento moídas. Revista Materia, 2020, 25, .	0.1	1
42	COMPORTAMENTO MECÂNICO DE ALVENARIAS DE TERRA COM RESÍDUOS DE CONSTRUÇÃO E DEMOLIÇÃO. Mix Sustentável, 2019, 5, 53-62.	0.0	1
43	Post-fire Behavior of Ordinary Concrete Reinforced with Short Steel Fibers. Journal of Civil Engineering and Architecture, 2015, 9, .	0.0	0
44	FIRE RESISTANCE OF COMPOSITE FLOORS: NUMERICAL EVALUATION OF DESIGN PARAMETERS. , 0, , .		0
45	Desempenho de ureia revestida compoliuretano como fertilizante de Phaseolus vulgaris L.. Revista Materia, 2018, 23, .	0.1	0
46	[ARTIGO RETRATADO]Desempenho de ureia revestida com poliuretano como fertilizante de Phaseolus vulgaris L.. Revista Materia, 2019, 24, .	0.1	0
47	PLATAFORMA PORTÁTIL E DE BAIXO CUSTO PARA A AQUISIÇÃO DA CURVA CARACTERÍSTICA DE CÉLULAS SOLARES FOTOVOLTAICAS. , 0, , 246-254.		0
48	PROKNOW-C: DA SELEÇÃO DE UM PORTFÓLIO DE ARTIGOS A ANÁLISE SISTÊMICA SOBRE BLOCOS DE TERRA COMPRIMIDA. Pensar Acadêmico, 2019, 17, .	0.0	0
49	Effect of different fine recycled aggregates and superplasticizer on microconcretes™ performance. Journal of Building Pathology and Rehabilitation, 2022, 7, .	0.7	0
50	Reclaimed Asphalt and Alkali-Activated Slag Systems: The Effect of Metakaolin. , 0, , .		0