

# Janaide Cavalcante Rocha

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,062  
citations

567144

15  
h-index

414303

32  
g-index

40  
all docs

40  
docs citations

40  
times ranked

912  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pozzolanic properties of pulverized coal combustion bottom ash. Cement and Concrete Research, 1999, 29, 1387-1391.	4.6	247
2	Influence of coal bottom ash as fine aggregate on fresh properties of concrete. Construction and Building Materials, 2009, 23, 609-614.	3.2	128
3	Evaluation of concrete incorporating bottom ash as a natural aggregates replacement. Waste Management, 2007, 27, 1190-1199.	3.7	102
4	Microstructure, mineralogy and environmental evaluation of cementitious composites produced with red mud waste. Construction and Building Materials, 2014, 67, 29-36.	3.2	70
5	Effect of alkalis content on calcium sulfoaluminate (CSA) cement hydration. Cement and Concrete Research, 2020, 128, 105953.	4.6	55
6	Use of sulfoaluminate cement and bottom ash in the solidification/stabilization of galvanic sludge. Journal of Hazardous Materials, 2006, 136, 837-845.	6.5	54
7	Behaviour of calcium sulfoaluminate cement in presence of high concentrations of chromium salts. Cement and Concrete Research, 2007, 37, 624-629.	4.6	42
8	Influence of the calcination temperature of phosphogypsum on the performance of supersulfated cements. Construction and Building Materials, 2020, 262, 119961.	3.2	40
9	Valorization of galvanic sludge in sulfoaluminate cement. Construction and Building Materials, 2009, 23, 595-601.	3.2	38
10	Aspects of moisture kinetics of coal bottom ash in concrete. Cement and Concrete Research, 2007, 37, 231-241.	4.6	37
11	Measurements of water penetration and leakage in masonry wall: Experimental results and numerical simulation. Building and Environment, 2013, 61, 18-26.	3.0	22
12	Production of Synthetic Phosphoanhydrite and Its Use as a Binder in Self-Leveling Underlayments (SLU). Materials, 2017, 10, 958.	1.3	21
13	Effect of partial replacement of the cement by glass waste on cementitious pastes. Construction and Building Materials, 2021, 273, 121704.	3.2	20
14	Influence of pigment on biodeterioration of acrylic paint films in Southern Brazil. Journal of Coatings Technology Research, 2011, 8, 619-628.	1.2	18
15	Mechanical Properties of Mortars Reinforced with Amazon Rainforest Natural Fibers. Materials, 2021, 14, 155.	1.3	18
16	Effect of partial substitution of superplasticizer by silanes in Portland cement pastes. Journal of Building Engineering, 2020, 29, 101226.	1.6	16
17	Investigation of the properties of pervious concrete with a recycled aggregate designed with a new combination of admixture. Construction and Building Materials, 2022, 340, 127710.	3.2	16
18	Influence of different sources of coal gangue used as aluminosilicate powder on the mechanical properties and microstructure of alkali-activated cement. Materiales De Construccion, 2019, 69, 199.	0.2	14

#	ARTICLE	IF	CITATIONS
19	Development of Alkaline-Activated Self-Leveling Hybrid Mortar Ash-Based Composites. <i>Materials</i> , 2018, 11, 1829.	1.3	11
20	Effect of lead in mortars with recycled aggregate and lightweight aggregate. <i>Construction and Building Materials</i> , 2020, 239, 117702.	3.2	11
21	Effect of Alkaline Salts on Calcium Sulfoaluminate Cement Hydration. <i>Molecules</i> , 2021, 26, 1938.	1.7	11
22	A cleaner material production by the incorporation of the rockwool waste into portland cement matrices. <i>Journal of Cleaner Production</i> , 2021, 293, 126059.	4.6	11
23	Effect of the nanosilica source on the rheology and early-age hydration of calcium sulfoaluminate cement pastes. <i>Construction and Building Materials</i> , 2022, 327, 126942.	3.2	10
24	Study of the solidification/stabilization process in a mortar with lightweight aggregate or recycled aggregate. <i>Journal of Cleaner Production</i> , 2021, 326, 129415.	4.6	8
25	Sistema de apoio ao gerenciamento de resíduos de construção e demolição para municípios de pequeno porte. <i>Engenharia Sanitaria E Ambiental</i> , 2014, 19, 203-206.	0.1	7
26	Effects of pre-wetting aggregate on the properties of mortars made with recycled concrete and lightweight aggregates. <i>Revista Materia</i> , 2019, 24, .	0.1	7
27	Effect of bottom ash waste on the rheology and durability of alkali activation pastes. <i>Case Studies in Construction Materials</i> , 2022, 16, e00790.	0.8	7
28	The Influence of Fine Sand from Construction-Demolition Wastes (CDW) in the Mortar Properties. <i>Key Engineering Materials</i> , 2014, 600, 357-366.	0.4	5
29	Pozzolanic Reaction Effects of Red Mud on Hygrothermal and Microstructural Properties of Cementitious Composites. <i>Key Engineering Materials</i> , 0, 600, 319-328.	0.4	2
30	Effect of filler nature on mechanical performance and drying shrinkage of self-leveling mortars. <i>Revista IBRACON De Estruturas E Materiais</i> , 2021, 14, .	0.3	2
31	Influence of the physical characteristics of sand and the crushed filler content on the properties of self-leveling mortars. <i>Ceramica</i> , 2021, 67, 179-187.	0.3	2
32	Potential Use of the Prewetting of Recycled and Lightweight Aggregates to Improve Cement Pastes for Residue Solidification/Stabilization Systems with Chromium and Zinc. <i>Journal of Materials in Civil Engineering</i> , 2021, 33, .	1.3	2
33	<strong>Estudo do comportamento de lixiviação de argamassas produzidas com agregados reciclados</strong>   DOI: 10.5585/exacta.v5i2.1172. <i>Exacta</i> , 2007, 5, 243-252.	0.1	2
34	Efeito da composição granulométrica e da área superficial específica de resíduos de polimento de porcelanato em argamassas autoadensáveis. <i>Ambiente Construído</i> , 2020, 20, 385-402.	0.2	2
35	Evaluation of the effect of nanosilica and recycled fine aggregate in Portland cement rendering mortars. <i>Revista IBRACON De Estruturas E Materiais</i> , 2022, 15, .	0.3	2
36	Evaluation of coppe slag as aggregate addition on properties of cementitious matrix. <i>Revista Materia</i> , 2020, 25, .	0.1	1

#	ARTICLE	IF	CITATIONS
37	Blasted copper slag as artificial fines in ecofriendly concrete. Revista Materia, 2022, 27, .	0.1	1
38	Evaluation of the Influence of Heavy Metals in the Hydration Process of Mortars through Electric Measurements. Key Engineering Materials, 0, 600, 271-281.	0.4	0
39	Estudo da gipsita e fosfogesso como fonte de sulfato de cálcio no cimento supersulfatado (CSS) frente ao ataque por sulfato. Revista Materia, 2021, 26, .	0.1	0
40	Análisis de propiedades del transporte de humedad en bloques de hormigón. Informes De La Construcción, 2013, 65, 381-386.	0.1	0