

Felipe Basquioto de Souza

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

484
citations

1162889

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1125617

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g-index

13
all docs

13
docs citations

13
times ranked

389
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene-based nanosheets for stronger and more durable concrete: A review. <i>Construction and Building Materials</i> , 2018, 183, 642-660.	3.2	252
2	Dispersion of graphene oxide-silica nanohybrids in alkaline environment for improving ordinary Portland cement composites. <i>Cement and Concrete Composites</i> , 2020, 106, 103488.	4.6	71
3	Exfoliation and dispersion of boron nitride nanosheets to enhance ordinary Portland cement paste. <i>Nanoscale</i> , 2018, 10, 1004-1014.	2.8	55
4	Controlled growth and ordering of poorly-crystalline calcium-silicate-hydrate nanosheets. <i>Communications Materials</i> , 2021, 2, .	2.9	19
5	Effective strategies to realize high-performance graphene-reinforced cement composites. <i>Construction and Building Materials</i> , 2022, 324, 126636.	3.2	19
6	Lightweight high-strength concrete with the use of waste cenosphere as fine aggregate. <i>Revista Materia</i> , 2019, 24, .	0.1	15
7	A century of research on calcium silicate hydrate (C-S-H): Leaping from structural characterization to nanoengineering. <i>Journal of the American Ceramic Society</i> , 2022, 105, 3081-3099.	1.9	15
8	Graphene Oxide-Based Mesoporous Calcium Silicate Hydrate Sandwich-like Structure: Synthesis and Application for Thermal Energy Storage. <i>ACS Applied Energy Materials</i> , 2022, 5, 958-969.	2.5	10
9	Pathways to Commercialisation for Brown Coal Fly Ash-Based Geopolymer Concrete in Australia. <i>Sustainability</i> , 2021, 13, 4350.	1.6	8
10	Determining the disordered nanostructure of calcium silicate hydrate (C-S-H) from broad X-ray diffractograms. <i>Journal of the American Ceramic Society</i> , 2022, 105, 1491-1502.	1.9	6
11	Proposed mechanism for the enhanced microstructure of graphene oxide-Portland cement composites. <i>Journal of Building Engineering</i> , 2022, 54, 104604.	1.6	5
12	Limestone calcined clay cement: mechanical properties, crystallography, and microstructure development. <i>Journal of Sustainable Cement-Based Materials</i> , 2023, 12, 427-440.	1.7	5
13	Multistep nucleation and growth mechanism of aluminosilicate gel observed by cryo-electron microscopy. <i>Cement and Concrete Research</i> , 2022, 159, 106873.	4.6	4