

Philippe Jean Paul Gleize

List of Publications by Year in descending order

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59
papers

2,137
citations

218381

26
h-index

233125

45
g-index

60
all docs

60
docs citations

60
times ranked

1739
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidences of chemical interaction between EVA and hydrating Portland cement. Cement and Concrete Research, 2002, 32, 1383-1390.	4.6	205
2	Degradation of recycled PET fibers in Portland cement-based materials. Cement and Concrete Research, 2005, 35, 1741-1746.	4.6	157
3	Effect of the Ca/Si Molar Ratio on the Micro/nanomechanical Properties of Synthetic C-S-H Measured by Nanoindentation. Journal of Physical Chemistry C, 2012, 116, 17219-17227.	1.5	139
4	Mechanical properties of recycled PET fibers in concrete. Materials Research, 2012, 15, 679-686.	0.6	123
5	Effects of metakaolin on autogenous shrinkage of cement pastes. Cement and Concrete Composites, 2007, 29, 80-87.	4.6	95
6	Microstructural investigation of a silica fume "cement" lime mortar. Cement and Concrete Composites, 2003, 25, 171-175.	4.6	94
7	Effect of carbon nanotubes on compressive, flexural and tensile strengths of Portland cement-based materials: A systematic literature review. Construction and Building Materials, 2020, 264, 120237.	3.2	85
8	Growth of tubular boron nitride filaments. Journal of Materials Science, 1994, 29, 1575-1580.	1.7	81
9	Effect of EVA on the fresh properties of cement paste. Cement and Concrete Composites, 2012, 34, 255-260.	4.6	78
10	Effect of HMEC on the consolidation of cement pastes: Isothermal calorimetry versus oscillatory rheometry. Cement and Concrete Research, 2009, 39, 440-445.	4.6	75
11	Exploring the potential of siloxane surface modified nano-SiO ₂ to improve the Portland cement pastes hydration properties. Construction and Building Materials, 2014, 54, 99-105.	3.2	71
12	Chemical interaction between EVA and Portland cement hydration at early-age. Construction and Building Materials, 2009, 23, 3332-3336.	3.2	68
13	Use of recycled water from mixer truck wash in concrete: Effect on the hydration, fresh and hardened properties. Construction and Building Materials, 2020, 230, 116981.	3.2	51
14	Rheology, Hydration, and Microstructure of Portland Cement Pastes Produced with Ground A β -Fibers. Applied Sciences (Switzerland), 2021, 11, 3036.	1.3	50
15	Effect of pristine and functionalized carbon nanotubes on microstructural, rheological, and mechanical behaviors of metakaolin-based geopolymer. Cement and Concrete Composites, 2019, 104, 103332.	4.6	49
16	Characterization of historical mortars from Santa Catarina (Brazil). Cement and Concrete Composites, 2009, 31, 342-346.	4.6	48
17	Development and evaluation of the efficiency of photocatalytic pavement blocks in the laboratory and after one year in the field. Construction and Building Materials, 2012, 37, 310-319.	3.2	47
18	Use of porcelain polishing residue as a supplementary cementitious material in self-compacting concrete. Construction and Building Materials, 2018, 193, 623-630.	3.2	45

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19	Structure and micro-nanomechanical characterization of synthetic calcium silicate hydrate with Poly(Vinyl Alcohol). <i>Cement and Concrete Composites</i> , 2014, 48, 1-8.	4.6	43
20	Eco-friendly ultra-high performance cement pastes produced with quarry wastes as alternative fillers. <i>Journal of Cleaner Production</i> , 2020, 269, 122308.	4.6	41
21	Utilization of ceramic tile demolition waste as supplementary cementitious material: An early-age investigation. <i>Journal of Building Engineering</i> , 2021, 38, 102187.	1.6	33
22	Effect of silicon carbide nanowhiskers on hydration and mechanical properties of a Portland cement paste. <i>Construction and Building Materials</i> , 2018, 169, 388-395.	3.2	30
23	Self-compacting mortars produced with fine fraction of calcined waste foundry sand (WFS) as alternative filler: Fresh-state, hydration and hardened-state properties. <i>Journal of Cleaner Production</i> , 2020, 252, 119871.	4.6	29
24	Comparison between methods for determining the yield stress of cement pastes. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2020, 42, 1.	0.8	29
25	Use of air-cooled blast furnace slag as supplementary cementitious material for self-compacting concrete production. <i>Construction and Building Materials</i> , 2020, 262, 120102.	3.2	29
26	Effect of porcelain tile polishing residue on geopolymer cement. <i>Journal of Cleaner Production</i> , 2018, 191, 297-303.	4.6	27
27	Characterization of tubular boron nitride filaments. <i>Journal of Materials Science Letters</i> , 1994, 13, 1413-1415.	0.5	25
28	The role of sodium and sulfate sources on the rheology and hydration of C3A polymorphs. <i>Cement and Concrete Research</i> , 2022, 151, 106639.	4.6	24
29	Effect of poly(diallyldimethylammonium chloride) on nanostructure and mechanical properties of calcium silicate hydrate. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2010, 527, 7045-7049.	2.6	23
30	Influence of Ultrasonication of Functionalized Carbon Nanotubes on the Rheology, Hydration, and Compressive Strength of Portland Cement Pastes. <i>Materials</i> , 2021, 14, 5248.	1.3	22
31	Effect of partial replacement of the cement by glass waste on cementitious pastes. <i>Construction and Building Materials</i> , 2021, 273, 121704.	3.2	20
32	Effect of porcelain tile polishing residue on eco-efficient geopolymer: Rheological performance of pastes and mortars. <i>Journal of Building Engineering</i> , 2020, 32, 101699.	1.6	17
33	Effect of partial substitution of superplasticizer by silanes in Portland cement pastes. <i>Journal of Building Engineering</i> , 2020, 29, 101226.	1.6	16
34	Functionalization of multi-walled carbon nanotubes with 3-aminopropyltriethoxysilane for application in cementitious matrix. <i>Construction and Building Materials</i> , 2021, 311, 125358.	3.2	16
35	Rheological and hydration behaviour of cement pastes containing porcelain polishing residue and different water-reducing admixtures. <i>Construction and Building Materials</i> , 2020, 262, 120850.	3.2	15
36	Effect of thermal treatment of SiC nanowhiskers on rheological, hydration, mechanical and microstructure properties of Portland cement pastes. <i>Cement and Concrete Composites</i> , 2021, 117, 103903.	4.6	14

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37	Thermal-mechanical properties of metakaolin-based geopolymer containing silicon carbide microwhiskers. <i>Cement and Concrete Composites</i> , 2021, 123, 104168.	4.6	13
38	Ancient rendering mortars from a Brazilian palace. <i>Cement and Concrete Research</i> , 2000, 30, 1609-1614.	4.6	12
39	Evaluation of different organosilanes on multi-walled carbon nanotubes functionalization for application in cementitious composites. <i>Journal of Building Engineering</i> , 2022, 51, 104292.	1.6	12
40	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
41	Effect of carbon nanotubes sonication on mechanical properties of cement pastes. <i>Revista IBRACON De Estruturas E Materiais</i> , 2020, 13, 455-463.	0.3	11
42	Combined Functionalization of Carbon Nanotubes (CNT) Fibers with H ₂ SO ₄ /HNO ₃ and Ca(OH) ₂ for Addition in Cementitious Matrix. <i>Fibers</i> , 2021, 9, 14.	1.8	10
43	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
44	Effect of Multiwalled Carbon Nanotube Functionalization with 3-Aminopropyltriethoxysilane on the Rheology and Early-Age Hydration of Portland Cement Pastes. <i>Journal of Materials in Civil Engineering</i> , 2022, 34, .	1.3	8
45	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
46	Effect of Carbon Nanotubes (CNTs) aspect ratio on the rheology, thermal conductivity and mechanical performance of Portland cement paste. <i>Revista IBRACON De Estruturas E Materiais</i> , 2021, 14, .	0.3	6
47	Incorpora��o de lodo calcinado de esta��o de tratamento de �gua como material ciment�cio suplementar. <i>Ambiente Constru�do</i> , 2020, 20, 243-260.	0.2	5
48	Techno-economic-environmental characteristics of polyurethane composite to thermal insulation for building with flame resistance: corroborative effect recycled of PVC and aluminum oxide. <i>Journal of Material Cycles and Waste Management</i> , 2022, 24, 452-465.	1.6	4
49	Comparative analysis of the properties of composite mortar with addition of rubber powder from worn tires. <i>Ambiente Constru�do</i> , 2012, 12, 257-267.	0.2	3
50	Utilization of Thermally Treated SiC Nanowhiskers and Superplasticizer for Cementitious Composite Production. <i>Materials</i> , 2021, 14, 4062.	1.3	3
51	Structure and nanomechanical characterization of synthetic calcium-silicate-hydrate with poly-methacrylic acid. <i>Revista IBRACON De Estruturas E Materiais</i> , 2020, 13, .	0.3	2
52	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
53	Workability maintenance of water-reducing admixtures in high-performance pastes produced with different types of Portland cement. <i>Revista Materia</i> , 2021, 26, .	0.1	1
54	Avalia��o do desempenho de aditivos comerciais superplastificantes a base de policarboxilato nas propriedades mec�nicas e microestruturais de pastas de cimento Portland. <i>Revista Materia</i> , 2020, 25, .	0.1	1

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55	Photocatalytic Concrete Blocks Nanomodified with Zinc Oxide for Paving: Mechanical Performance and Microstructural Characteristics. Journal of Testing and Evaluation, 2021, 49, 2860-2884.	0.4	1
56	Wall Coating Using the Escariola Technique. Studies in Conservation, 2010, 55, 293-300.	0.6	0
57	S�ntese de complexos de silicato de c�lcio hidratado/pol�meros. Revista IBRACON De Estruturas E Materiais, 2011, 4, 702-708.	0.3	0
58	Effect of water/cement ratio on micro-nanomechanical properties of the interface between cementitious matrix and steel microfibers in ultra-high performance cementitious composites. Revista IBRACON De Estruturas E Materiais, 2021, 14, .	0.3	0
59	An�lise da dispers�o de nanotubos de carbono de paredes m�ltiplas com diferentes aditivos dispersantes. Revista Materia, 2022, 27, .	0.1	0