

Patrick Sturm

List of Publications by Year in descending order

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13
papers

381
citations

1307594

7
h-index

1372567

10
g-index

14
all docs

14
docs citations

14
times ranked

441
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a sample preparation procedure for Sr isotope analysis of Portland cements. Analytical and Bioanalytical Chemistry, 2022, , 1.	3.7	2
2	Calcined brick clays and mixed clays as supplementary cementitious materials: Effects on the performance of blended cement mortars. Construction and Building Materials, 2021, 266, 120990.	7.2	21
3	Properties of alkali-activated mortars with salt aggregate for sealing structures in evaporite rock. Open Ceramics, 2021, 5, 100041.	2.0	1
4	Comparison of Brick Clays and a Kaolinitic Clay Regarding Calcination and Performance in Blended Cement Mortars. RILEM Bookseries, 2020, , 85-93.	0.4	2
5	Comparison of calcined illitic clays (brick clays) and low-grade kaolinitic clays as supplementary cementitious materials. Materials and Structures/Materiaux Et Constructions, 2019, 52, 1.	3.1	35
6	One-Part Geopolymers and Aluminosilicate Gel-Zeolite Composites Based On Silica: Factors Influencing Microstructure and Engineering Properties. Ceramic Engineering and Science Proceedings, 2019, , 183-196.	0.1	1
7	A Novel Approach to Additive Manufacturing of Alkali-activated Materials: Laser-induced Slip Casting (LIS) of Lithium Aluminate/Silica Slurries. Ceramics in Modern Technologies, 2019, 1, 138-144.	0.3	1
8	²⁹ Si{ ²⁷ Al}, ²⁷ Al{ ²⁹ Si} and ²⁷ Al{ ¹ H} double-resonance NMR spectroscopy study of cementitious sodium aluminosilicate gels (geopolymers) and gelâ€“zeolite composites. RSC Advances, 2018, 8, 40164-40171.	3.6	27
9	Differentiation of the solid-state NMR signals of gel, zeolite phases and water species in geopolymer-zeolite composites. Ceramics International, 2017, 43, 2202-2208.	4.8	24
10	The effect of heat treatment on the mechanical and structural properties of one-part geopolymer-zeolite composites. Thermochimica Acta, 2016, 635, 41-58.	2.7	58
11	Synthesizing one-part geopolymers from rice husk ash. Construction and Building Materials, 2016, 124, 961-966.	7.2	153
12	Degree of reaction and phase content of silica-based one-part geopolymers investigated using chemical and NMR spectroscopic methods. Journal of Materials Science, 2015, 50, 6768-6778.	3.7	48
13	SealWasteSafe: materials technology, monitoring techniques, and quality assurance for safe sealing structures in underground repositories. , 0, 1, 127-128.		3