

# Patrick Sturm

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7984884/publications.pdf>

Version: 2024-02-01

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