

# Xianhui Zhao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9681820/publications.pdf>

Version: 2024-02-01

12  
papers

433  
citations

1040056

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1281871

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12  
docs citations

12  
times ranked

241  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation into the effect of calcium on the existence form of geopolymerized gel product of fly ash based geopolymers. Cement and Concrete Composites, 2019, 103, 279-292.	10.7	103
2	Physical and mechanical properties and micro characteristics of fly ash-based geopolymers incorporating soda residue. Cement and Concrete Composites, 2019, 98, 125-136.	10.7	94
3	Synthesis and characterization of fly ash geopolymer paste for goaf backfill: Reuse of soda residue. Journal of Cleaner Production, 2020, 260, 121045.	9.3	72
4	Preparation and properties of bio-geopolymer composites with waste cotton stalk materials. Journal of Cleaner Production, 2020, 245, 118842.	9.3	57
5	Effect of Soda Residue Addition and Its Chemical Composition on Physical Properties and Hydration Products of Soda Residue-Activated Slag Cementitious Materials. Materials, 2020, 13, 1789.	2.9	31
6	Preparation and characterization of press-formed fly ash cement incorporating soda residue. Materials Letters, 2020, 259, 126852.	2.6	24
7	Performance Optimization and Characterization of Soda Residue-Fly Ash Geopolymer Paste for Goaf Backfill: Beta-Hemihydrate Gypsum Alternative to Sodium Silicate. Materials, 2020, 13, 5604.	2.9	17
8	Resistance of Soda Residue-Fly Ash Based Geopolymer Mortar to Acid and Sulfate Environments. Materials, 2021, 14, 785.	2.9	14
9	Properties and Hydration Mechanism of Soda Residue-Activated Ground Granulated Blast Furnace Slag Cementitious Materials. Materials, 2021, 14, 2883.	2.9	12
10	Long-Term Physical and Mechanical Properties and Microstructures of Fly-Ash-Based Geopolymer Composite Incorporating Carbide Slag. Materials, 2021, 14, 6692.	2.9	6
11	Experiment on the Properties of Soda Residue-Activated Ground Granulated Blast Furnace Slag Mortars with Different Activators. Materials, 2022, 15, 3578.	2.9	3
12	Determination of Gel Products in Alkali-Activated Fly Ash-Based Composites Incorporating Inorganic Calcium Additives. Advances in Materials Science and Engineering, 2022, 2022, 1-13.	1.8	0