

# Min Wu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5638099/publications.pdf>

Version: 2024-02-01

20  
papers

1,134  
citations

623188

14  
h-index

794141

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1035  
citing authors

#	ARTICLE	IF	CITATIONS
1	A review: Self-healing in cementitious materials and engineered cementitious composite as a self-healing material. <i>Construction and Building Materials</i> , 2012, 28, 571-583.	3.2	521
2	Microbiologically induced corrosion of concrete in sewer structures: A review of the mechanisms and phenomena. <i>Construction and Building Materials</i> , 2020, 239, 117813.	3.2	77
3	Self-healing of Engineered Geopolymer Composites prepared by fly ash and metakaolin. <i>Cement and Concrete Research</i> , 2019, 125, 105895.	4.6	60
4	Development and characterization of fly ash based PVA fiber reinforced Engineered Geopolymer Composites incorporating metakaolin. <i>Cement and Concrete Composites</i> , 2020, 108, 103521.	4.6	56
5	A study of the water vapor sorption isotherms of hardened cement pastes: Possible pore structure changes at low relative humidity and the impact of temperature on isotherms. <i>Cement and Concrete Research</i> , 2014, 56, 97-105.	4.6	54
6	Mechanical strengths and durability properties of pervious concretes with blended steel slag and natural aggregate. <i>Journal of Cleaner Production</i> , 2020, 271, 122590.	4.6	53
7	Feasibility study on using incineration fly ash from municipal solid waste to develop high ductile alkali-activated composites. <i>Journal of Cleaner Production</i> , 2020, 254, 120168.	4.6	53
8	Current understanding on microbiologically induced corrosion of concrete in sewer structures: a review of the evaluation methods and mitigation measures. <i>Construction and Building Materials</i> , 2020, 247, 118539.	3.2	44
9	Properties of polyvinyl alcohol fiber reinforced fly ash based Engineered Geopolymer Composites with zeolite replacement. <i>Construction and Building Materials</i> , 2020, 231, 117161.	3.2	33
10	Development of green binder systems based on flue gas desulfurization gypsum and fly ash incorporating slag or steel slag powders. <i>Construction and Building Materials</i> , 2020, 265, 120275.	3.2	30
11	Influence of steel slag on the properties of alkali-activated fly ash and blast-furnace slag based fiber reinforced composites. <i>Cement and Concrete Composites</i> , 2021, 116, 103875.	4.6	29
12	Application of water vapor sorption measurements for porosity characterization of hardened cement pastes. <i>Construction and Building Materials</i> , 2014, 66, 621-633.	3.2	26
13	Impact of sample saturation on the detected porosity of hardened concrete using low temperature calorimetry. <i>Thermochimica Acta</i> , 2014, 580, 66-78.	1.2	26
14	Determination of ice content in hardened concrete by low-temperature calorimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 115, 1335-1351.	2.0	21
15	Impact of sample crushing on porosity characterization of hardened cement pastes by low temperature calorimetry: Comparison of powder and cylinder samples. <i>Thermochimica Acta</i> , 2018, 665, 11-19.	1.2	13
16	An exploratory study on using red mud waste as a replacement for fly ash to prepare Engineered Cementitious Composites. <i>Construction and Building Materials</i> , 2022, 342, 127900.	3.2	13
17	Influence of frost damage and sample preconditioning on the porosity characterization of cement based materials using low temperature calorimetry. <i>Thermochimica Acta</i> , 2015, 607, 30-38.	1.2	10
18	A preliminary study of the influence of ions in the pore solution of hardened cement pastes on the porosity determination by low temperature calorimetry. <i>Thermochimica Acta</i> , 2014, 589, 215-225.	1.2	8

#	ARTICLE	IF	CITATIONS
19	Compressive stress-strain relationship for stressed concrete at high temperatures. Fire Safety Journal, 2022, 130, 103576.	1.4	7
20	Pore Size Distribution of Cement Based Materials Determined by Dynamic Water Vapor Sorption and Low Temperature Calorimetry. RILEM Bookseries, 2021, , 355-367.	0.2	0