

Ming Jin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4438550/publications.pdf>

Version: 2024-02-01

19
papers

606
citations

759233

12
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

525
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancement of mechanical and electrical properties of graphene/cement composite due to improved dispersion of graphene by addition of silica fume. <i>Construction and Building Materials</i> , 2018, 164, 433-441.	7.2	156
2	Deoxyribonucleic acid as an inhibitor for chloride-induced corrosion of reinforcing steel in simulated concrete pore solutions. <i>Construction and Building Materials</i> , 2017, 150, 238-247.	7.2	76
3	Monitoring chloride ion penetration in concrete structure based on the conductivity of graphene/cement composite. <i>Construction and Building Materials</i> , 2017, 136, 394-404.	7.2	62
4	Degradation of concrete with addition of mineral admixture due to free chloride ion penetration under the effect of carbonation. <i>Corrosion Science</i> , 2018, 138, 42-53.	6.6	42
5	Research on electrical conductivity of graphene/cement composites. <i>Advances in Cement Research</i> , 2020, 32, 45-52.	1.6	41
6	Inhibition effect and mechanism of polyacrylamide for steel corrosion in simulated concrete pore solution. <i>Construction and Building Materials</i> , 2020, 259, 120425.	7.2	34
7	Monitoring chloride ion penetration in concrete with different mineral admixtures based on embedded chloride ion selective electrodes. <i>Construction and Building Materials</i> , 2017, 143, 1-15.	7.2	32
8	Electrochemical Characterization of a Solid Embeddable Ag/AgCl Reference Electrode for Corrosion Monitoring in Reinforced Concrete. <i>Electrochemistry</i> , 2014, 82, 1040-1046.	1.4	31
9	Characterization of Ag/AgCl electrode manufactured by immersion in sodium hypochloride acid for monitoring chloride content in concrete. <i>Construction and Building Materials</i> , 2016, 122, 310-319.	7.2	26
10	Investigation on the performance characteristics of chloride selective electrode in concrete. <i>Ionics</i> , 2015, 21, 2981-2992.	2.4	23
11	Electrochemical Characterization of Solid Ag/AgCl Reference Electrode with Different Electrolytes for Corrosion Monitoring of Steel in Concrete. <i>Electrochemistry</i> , 2016, 84, 383-389.	1.4	15
12	Characterization of internal damage of concrete subjected to freeze-thaw cycles by electrochemical impedance spectroscopy. <i>Construction and Building Materials</i> , 2017, 152, 702-707.	7.2	15
13	Fabrication and characterization of pseudo reference electrode based on graphene-cement composites for corrosion monitoring in reinforced concrete structure. <i>Construction and Building Materials</i> , 2019, 204, 144-157.	7.2	15
14	Corrosion Resistance of Steel in Cracked Reinforced Concrete after Electro-depositon Treatment. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2019, 34, 1127-1135.	1.0	9
15	A Method of Preparation of Ag/AgCl Chloride Selective Electrode. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2018, 33, 767-771.	1.0	8
16	Developing a Multi-Element Sensor to Non-Destructively Monitor Several Fundamental Parameters Related to Concrete Durability. <i>Sensors</i> , 2020, 20, 5607.	3.8	8
17	Prediction of Temperature Distribution in Concrete under Variable Environmental Factors through a Three-Dimensional Heat Transfer Model. <i>Materials</i> , 2022, 15, 1510.	2.9	7
18	Influence of retarders on hydration and microstructure development of cement containing high-volume limestone powder. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 141, 685-696.	3.6	3

#	ARTICLE	IF	CITATIONS
19	Influence of high-volume limestone powder on hydration and microstructural development of cement. <i>Advances in Cement Research</i> , 2021, 33, 197-209.	1.6	3