

Juncai Xu

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

127
citations

1163117

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h-index

1281871

11
g-index

20
all docs

20
docs citations

20
times ranked

85
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of Smart Materials in Tactile Actuators for Information Delivery. Journal of Carbon Research, 2017, 3, 38.	2.7	15
2	Recognition of the Typical Distress in Concrete Pavement Based on GPR and 1D-CNN. Remote Sensing, 2021, 13, 2375.	4.0	15
3	Ultrasonic Testing Analysis of Concrete Structure Based on S Transform. Shock and Vibration, 2019, 2019, 1-9.	0.6	14
4	Data Interpretation Technology of GPR Survey Based on Variational Mode Decomposition. Applied Sciences (Switzerland), 2019, 9, 2017.	2.5	14
5	Prediction of Rubber Fiber Concrete Strength Using Extreme Learning Machine. Frontiers in Materials, 2021, 7, .	2.4	11
6	Finite element simulation of prevention thermal cracking in mass concrete. International Journal of Computing Science and Mathematics, 2019, 10, 327.	0.3	10
7	ECO Driving Control for Intelligent Electric Vehicle with Real-Time Energy. Electronics (Switzerland), 2021, 10, 2613.	3.1	10
8	Experiment on frost heave failure mechanism of PPR water pipe. Engineering Failure Analysis, 2020, 117, 104831.	4.0	8
9	GPR data reconstruction method based on compressive sensing and Kâ€šVD. Near Surface Geophysics, 2018, 16, 13-21.	1.2	6
10	Magnetic transforms of modulus type applied at region of lower latitudes in SE China. Journal of Applied Geophysics, 2017, 139, 188-194.	2.1	4
11	Detection of Concrete Structural Defects Using Impact Echo Based on Deep Networks. Journal of Testing and Evaluation, 2021, 49, 20190801.	0.7	4
12	Experimental Research on the Properties of Rock-Filled Concrete. Applied Sciences (Switzerland), 2019, 9, 3767.	2.5	3
13	Simulation analysis of low strain dynamic testing of pile with inhomogeneous elastic modulus. Journal of Measurements in Engineering, 2017, 5, 152-160.	0.6	3
14	Analysis method of impact echo based on variational mode decomposition. Journal of Vibroengineering, 2018, 20, 2593-2603.	1.0	3
15	Combined multiple spectralâ€šspatial features and multikernel support tensor machine for hyperspectral image classification. Journal of Applied Remote Sensing, 2019, 14, 1.	1.3	3
16	Intelligent rail lubrication system based on fuzzy group analysis. Journal of Intelligent and Fuzzy Systems, 2021, 40, 1137-1146.	1.4	2
17	Concrete pavement forward computation of GPR with FDTD. , 2011, , .		1
18	Influence of truss rod damage on prestressed concrete chord-stayed truss T-frame bridge. Journal of Vibroengineering, 2020, 22, 1571-1582.	1.0	1

#	ARTICLE	IF	CITATIONS
19	Optimizing Scheme of Concrete Large Dam Temperature Operation. , 2010, , .		0
20	Research on 1/f noise degradation of GaN LED caused by \hat{I}^3 radiation under high bias. Semiconductor Science and Technology, 2020, 35, 085012.	2.0	0