

Li Guo

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

701
citations

623574

14
h-index

552653

26
g-index

26
all docs

26
docs citations

26
times ranked

1017
citing authors

#	ARTICLE	IF	CITATIONS
1	The Fate of miRNA* Strand through Evolutionary Analysis: Implication for Degradation As Merely Carrier Strand or Potential Regulatory Molecule?. PLoS ONE, 2010, 5, e11387.	1.1	198
2	A Comprehensive Survey of miRNA Repertoire and 3' Addition Events in the Placentas of Patients with Pre-Eclampsia from High-Throughput Sequencing. PLoS ONE, 2011, 6, e21072.	1.1	88
3	Global expression analysis of miRNA gene cluster and family based on isomiRs from deep sequencing data. Computational Biology and Chemistry, 2010, 34, 165-171.	1.1	70
4	Meso-fracture simulation of cracking process in concrete incorporating three-phase characteristics by peridynamic method. Construction and Building Materials, 2018, 161, 665-675.	3.2	62
5	Consistent isomiR expression patterns and 3' addition events in miRNA gene clusters and families implicate functional and evolutionary relationships. Molecular Biology Reports, 2012, 39, 6699-6706.	1.0	34
6	A mechanical-diffusive peridynamics coupling model for meso-scale simulation of chloride penetration in concrete under loadings. Construction and Building Materials, 2020, 241, 118021.	3.2	28
7	Haplotype Distribution and Evolutionary Pattern of miR-17 and miR-124 Families Based on Population Analysis. PLoS ONE, 2009, 4, e7944.	1.1	25
8	Cross-Mapping Events in miRNAs Reveal Potential miRNA-Mimics and Evolutionary Implications. PLoS ONE, 2011, 6, e20517.	1.1	25
9	A mesoscale model based on Monte-Carlo method for concrete fracture behavior study. Science China Technological Sciences, 2012, 55, 3278-3284.	2.0	23
10	Multi-scale peridynamic formulations for chloride diffusion in concrete. Engineering Analysis With Boundary Elements, 2020, 120, 107-117.	2.0	19
11	Multi-scale lattice method for mesoscopic crack growth simulation of concrete structures. Theoretical and Applied Fracture Mechanics, 2020, 106, 102475.	2.1	18
12	Transient meshless boundary element method for prediction of chloride diffusion in concrete with time dependent nonlinear coefficients. Engineering Analysis With Boundary Elements, 2012, 36, 104-111.	2.0	17
13	Tracking miRNA precursor metabolic products and processing sites through completely analyzing high-throughput sequencing data. Molecular Biology Reports, 2012, 39, 2031-2038.	1.0	14
14	Peridynamic investigation of chloride diffusion in concrete under typical environmental factors. Ocean Engineering, 2021, 239, 109770.	1.9	14
15	Improved Timoshenko beam-based micropolar peridynamic method incorporating particle geometry. Engineering Fracture Mechanics, 2021, 254, 107909.	2.0	10
16	A comprehensive study of multiple mapping and feature selection for correction strategy in the analysis of small RNAs from SOLiD sequencing. BioSystems, 2011, 104, 87-93.	0.9	9
17	Dual-Horizon Peridynamics Analysis of Debonding Failure in FRP-to-Concrete Bonded Joints. International Journal of Concrete Structures and Materials, 2019, 13, .	1.4	8
18	Modeling on coupled heat and moisture transfer in freezing soil using mixture theory. Science in China Series D: Earth Sciences, 1999, 42, 9-16.	0.9	7

#	ARTICLE	IF	CITATIONS
19	Investigation of mixed-mode fracture of UHPC using a hybrid digital image correlation and peridynamics approach. <i>Optics and Lasers in Engineering</i> , 2022, 151, 106918.	2.0	7
20	Peridynamics simulation of shotcrete lining damage characteristics under freeze-thaw cycles in cold region tunnels. <i>Engineering Analysis With Boundary Elements</i> , 2022, 141, 17-35.	2.0	7
21	Multi-scale finite element analysis of chloride diffusion in concrete incorporating paste/aggregate ITZs. <i>Science China: Physics, Mechanics and Astronomy</i> , 2012, 55, 1696-1702.	2.0	5
22	Multiscale Analysis of Concrete Damage and Crack Propagation Under High Cycle Loading. <i>International Journal of Computational Methods</i> , 2020, 17, 1844007.	0.8	4
23	Combining Thermal Loading System with Acoustic Emission Technology to Acquire the Complete Stress-Deformation Response of Plain Concrete in Direct Tension. <i>Materials</i> , 2021, 14, 602.	1.3	4
24	Constitutive relation of concrete containing meso-structural characteristics. <i>Results in Physics</i> , 2017, 7, 1155-1160.	2.0	3
25	Prediction of chloride penetration in unsaturated concrete using meshless BEM. <i>Scientia Sinica: Physica, Mechanica Et Astronomica</i> , 2011, 41, 309-318.	0.2	1
26	Correction of full-field rigid body rotation and strain using a hybrid peridynamics and digital image correlation approach. <i>Optics and Lasers in Engineering</i> , 2022, 158, 107162.	2.0	1