

Chen Wang

List of Publications by Year in descending order

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1163117

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285
citing authors

#	ARTICLE	IF	CITATIONS
1	A facile way to prepare anti-fouling and blood-compatible polyethersulfone membrane via blending with heparin-mimicking polyurethanes. <i>Materials Science and Engineering C</i> , 2017, 78, 1035-1045.	7.3	41
2	Biocompatible graphene-based nanoagent with NIR and magnetism dual-responses for effective bacterial killing and removal. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 173, 266-275.	5.0	35
3	Grain Size Effect on the Mechanical Behavior of Cohesionless Coarse-Grained Soils with the Discrete Element Method. <i>Advances in Civil Engineering</i> , 2018, 2018, 1-6.	0.7	14
4	Study of medical device innovation design strategy based on demand analysis and process case base. <i>Multimedia Tools and Applications</i> , 2016, 75, 14351-14365.	3.9	13
5	The Analysis of Stress, Deformation and Arch Effect of the Lianghekou Earth-rockfill Dam. <i>Indian Geotechnical Journal</i> , 2016, 46, 77-84.	1.4	12
6	Innovative Product Design Based on Comprehensive Customer Requirements of Different Cognitive Levels. <i>Scientific World Journal</i> , The, 2014, 2014, 1-11.	2.1	10
7	Controlling Self-Assembly of Cellulose Nanocrystal to Synergistically Regulate (001) Reactive Facets and Hierarchical Pore Structure of Anatase Nano-TiO ₂ for High Photocatalytic Activity. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 1973-1979.	6.7	10
8	Research on knowledge support technology for product innovation design based on quality function knowledge deployment. <i>Advances in Mechanical Engineering</i> , 2016, 8, 168781401665179.	1.6	9
9	Gravel Content Effect on the Shear Strength of Clay-Gravel Mixtures. <i>Applied Mechanics and Materials</i> , 0, 71-78, 4685-4688.	0.2	8
10	An innovative approach to predict technology evolution for the desoldering of printed circuit boards: A perspective from China and America. <i>Waste Management and Research</i> , 2016, 34, 491-501.	3.9	7
11	A cellulose nanocrystal templating approach to synthesize size-controlled gold nanoparticles with high catalytic activity. <i>International Journal of Biological Macromolecules</i> , 2022, 209, 464-471.	7.5	7
12	One-pot synthesis of highly hemocompatible polyurethane/polyethersulfone composite membranes. <i>Polymer Bulletin</i> , 2017, 74, 3797-3818.	3.3	6
13	Deep insight into interaction mechanisms between ESBR and silica modified by different silane coupling agents. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49112.	2.6	4
14	Factors Affecting the Mechanical Properties of Cement-Mixed Gravel. <i>Advances in Materials Science and Engineering</i> , 2016, 2016, 1-7.	1.8	3
15	Size effect on creep behaviour and creep model of slate rockfill with oversized particles. <i>Proceedings of the Institution of Civil Engineers: Geotechnical Engineering</i> , 2023, 176, 3-14.	1.6	3
16	Particle Breakage of Gypsum Granular Materials in Triaxial Compression Tests. <i>Advanced Materials Research</i> , 0, 374-377, 2261-2264.	0.3	1
17	The Strength and Stress-Strain Behavior of the Cemented Rockfill. <i>Advanced Materials Research</i> , 0, 598, 565-568.	0.3	1
18	Assessment of Hydro Project-Related Geohazards Supported by RIMS-Like Systems. , 2014, , .		0