

Chen Wang

List of Publications by Year in descending order

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285
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#	ARTICLE	IF	CITATIONS
1	Size effect on creep behaviour and creep model of slate rockfill with oversized particles. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 2023, 176, 3-14.	1.6	3
2	A cellulose nanocrystal templating approach to synthesize size-controlled gold nanoparticles with high catalytic activity. International Journal of Biological Macromolecules, 2022, 209, 464-471.	7.5	7
3	Deep insight into interaction mechanisms between ESBR and silica modified by different silane coupling agents. Journal of Applied Polymer Science, 2020, 137, 49112.	2.6	4
4	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. ACS Sustainable Chemistry and Engineering, 2019, 7, 1973-1979.	6.7	10
5	Biocompatible graphene-based nanoagent with NIR and magnetism dual-responses for effective bacterial killing and removal. Colloids and Surfaces B: Biointerfaces, 2019, 173, 266-275.	5.0	35
6	Grain Size Effect on the Mechanical Behavior of Cohesionless Coarse-Grained Soils with the Discrete Element Method. Advances in Civil Engineering, 2018, 2018, 1-6.	0.7	14
7	One-pot synthesis of highly hemocompatible polyurethane/polyethersulfone composite membranes. Polymer Bulletin, 2017, 74, 3797-3818.	3.3	6
8	A facile way to prepare anti-fouling and blood-compatible polyethersulfone membrane via blending with heparin-mimicking polyurethanes. Materials Science and Engineering C, 2017, 78, 1035-1045.	7.3	41
9	Factors Affecting the Mechanical Properties of Cement-Mixed Gravel. Advances in Materials Science and Engineering, 2016, 2016, 1-7.	1.8	3
10	Research on knowledge support technology for product innovation design based on quality function knowledge deployment. Advances in Mechanical Engineering, 2016, 8, 168781401665179.	1.6	9
11	An innovative approach to predict technology evolution for the desoldering of printed circuit boards: A perspective from China and America. Waste Management and Research, 2016, 34, 491-501.	3.9	7
12	Study of medical device innovation design strategy based on demand analysis and process case base. Multimedia Tools and Applications, 2016, 75, 14351-14365.	3.9	13
13	The Analysis of Stress, Deformation and Arch Effect of the Lianghekou Earth-rockfill Dam. Indian Geotechnical Journal, 2016, 46, 77-84.	1.4	12
14	Innovative Product Design Based on Comprehensive Customer Requirements of Different Cognitive Levels. Scientific World Journal, The, 2014, 2014, 1-11.	2.1	10
15	Assessment of Hydro Project-Related Geohazards Supported by RIMS-Like Systems. , 2014, , .		0
16	Gravel Content Effect on the Shear Strength of Clay-Gravel Mixtures. Applied Mechanics and Materials, 0, 71-78, 4685-4688.	0.2	8
17	Particle Breakage of Gypsum Granular Materials in Triaxial Compression Tests. Advanced Materials Research, 0, 374-377, 2261-2264.	0.3	1
18	The Strength and Stress-Strain Behavior of the Cemented Rockfill. Advanced Materials Research, 0, 598, 565-568.	0.3	1