

Weiping Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

97
citations

1478505

6
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

79
citing authors

#	ARTICLE	IF	CITATIONS
1	Burst pressure analysis of pipes with geometric eccentricity and small thickness-to-diameter ratio. Journal of Petroleum Science and Engineering, 2015, 127, 452-458.	4.2	28
2	Elasticity solution for the casing under linear crustal stress. Engineering Failure Analysis, 2018, 84, 185-195.	4.0	13
3	Network Analysis Reveals TNF as a Major Hub of Reactive Inflammation Following Spinal Cord Injury. Scientific Reports, 2019, 9, 928.	3.3	12
4	The Path to Deliver the Most Realistic Follower Load for a Lumbar Spine in Standing Posture: A Finite Element Study. Journal of Biomechanical Engineering, 2019, 141, .	1.3	10
5	A novel flexible seal technology and its application in heat transfer of rotary air preheater. Applied Thermal Engineering, 2019, 163, 114414.	6.0	9
6	Lock-in prediction for vortex-induced vibrations of a long hanged and weighted riser in internal fluid flow and external currents. Journal of Fluids and Structures, 2022, 109, 103453.	3.4	8
7	A Mathematical Model of Regenerative Axon Growing along Glial Scar after Spinal Cord Injury. Computational and Mathematical Methods in Medicine, 2016, 2016, 1-9.	1.3	6
8	Mechanical behavior of a drilling riser with buoyant blocks when it enters into deep water. Ocean Engineering, 2020, 216, 107820.	4.3	6
9	Bidirectional molecular transport shapes cell polarization in a two-dimensional model of eukaryotic chemotaxis. Journal of Theoretical Biology, 2014, 363, 235-246.	1.7	4
10	Application of non-homogeneous solution for equations of slender ring shells to overall-bending problem of $\hat{\Gamma}$ -shaped bellows. Journal of Shanghai University, 1999, 3, 121-126.	0.1	1
11	Numerical characterization of regenerative axons growing along a spherical multifunctional scaffold after spinal cord injury. PLoS ONE, 2018, 13, e0205961.	2.5	0
12	Glial scar size, inhibitor concentration, and growth of regenerating axons after spinal cord transection. Neural Regeneration Research, 2012, 7, 1525-33.	3.0	0