

Weiping Zhu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3866518/publications.pdf>

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