

Andrés L González-Mancera

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2712309/publications.pdf>

Version: 2024-02-01

11
papers

119
citations

1478505

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h-index

1474206

9
g-index

12
all docs

12
docs citations

12
times ranked

194
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of fabrication on the mechanics, microstructure and micromechanical environment of small intestinal submucosa scaffolds for vascular tissue engineering. <i>Journal of Biomechanics</i> , 2014, 47, 2766-2773.	2.1	30
2	Observation of Bacterial Type I Pili Extension and Contraction under Fluid Flow. <i>PLoS ONE</i> , 2013, 8, e65563.	2.5	23
3	Analysis of the Design of a Poppet Valve by Transitory Simulation. <i>Energies</i> , 2019, 12, 889.	3.1	17
4	CFD Modeling of Hydrocyclones—A Study of Efficiency of Hydrodynamic Reservoirs. <i>Fluids</i> , 2020, 5, 118.	1.7	14
5	Slow Sedimentation and Deformability of Charged Lipid Vesicles. <i>PLoS ONE</i> , 2013, 8, e68309.	2.5	13
6	Energy Efficiency Comparison of Hydraulic Accumulators and Ultracapacitors. <i>Energies</i> , 2020, 13, 1632.	3.1	8
7	Open-source low-cost design of a buoy for remote water quality monitoring in fish farming. <i>PLoS ONE</i> , 2022, 17, e0270202.	2.5	7
8	Effects of a surfactant monolayer on the measurement of equilibrium interfacial tension of a drop in extensional flow. <i>Journal of Colloid and Interface Science</i> , 2009, 333, 570-578.	9.4	5
9	Experimental evaluation of permeable cable-supported façades subjected to wind and earthquake loads. <i>Engineering Structures</i> , 2020, 214, 110679.	5.3	2
10	Reverse Engineering and Optimization of a Steering Mechanism Component in a Competition Ground Vehicle. , 2019, , .		0
11	Multibody Simulation of an Electric Go-Kart: Influence of Power-Train's Weight Distribution on Dynamic Performance. , 2019, , .		0