

Jose E Rubio

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

61
citations

1684188
5
h-index

1720034
7
g-index

14
all docs

14
docs citations

14
times ranked

51
citing authors

#	ARTICLE	IF	CITATIONS
1	The importance of modeling the human cerebral vasculature in blunt trauma. BioMedical Engineering OnLine, 2021, 20, 11.	2.7	12
2	Does Blast Exposure to the Torso Cause a Blood Surge to the Brain?. Frontiers in Bioengineering and Biotechnology, 2020, 8, 573647.	4.1	10
3	Experimental structural dynamic measurements of an artificial insect-sized wing biomimicking a crane fly forewing. Acta Mechanica, 2019, 230, 4273-4286.	2.1	7
4	Investigation of the direct and indirect mechanisms of primary blast insult to the brain. Scientific Reports, 2021, 11, 16040.	3.3	7
5	Animal Orientation Affects Brain Biomechanical Responses to Blast-Wave Exposure. Journal of Biomechanical Engineering, 2021, 143, .	1.3	6
6	A 3-D virtual human model for simulating heat and cold stress. Journal of Applied Physiology, 2022, 133, 288-310.	2.5	6
7	An Investigation of the Aerodynamic Performance of a Biomimetic Insect-Sized Wing for Micro Air Vehicles. , 2016, , .		3
8	A Strain Rate-Dependent Constitutive Model for Göttingen Minipig Cerebral Arteries. Journal of Biomechanical Engineering, 2022, 144, .	1.3	3
9	Modal characterization and structural aerodynamic response of a crane fly forewing. Acta Mechanica, 2018, 229, 2307-2325.	2.1	2
10	Cerebral Vasculature Influences Blast-Induced Biomechanical Responses of Human Brain Tissue. Frontiers in Bioengineering and Biotechnology, 2021, 9, 744808.	4.1	2
11	A 3-D Finite-Element Minipig Model to Assess Brain Biomechanical Responses to Blast Exposure. Frontiers in Bioengineering and Biotechnology, 2021, 9, 757755.	4.1	2
12	A Structural Dynamic Analysis of a Crane Fly Forewing. , 2014, , .		1
13	Characterization of the Electromechanical Response of a Dielectric Elastomer Membrane. , 2014, , .		0
14	An Experimental Study of the Structural Dynamic Response of a Biomimetic Insect-Sized Wing. , 2017, , .		0