Jakson M Vassoler

List of Publications by Year
in descending order

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19	106	1478505 6	1372567 10
papers	citations	h-index	g-index

19	19	19	82
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spine-Adjusting Instrument (ImpulseÂ®) Attenuates Nociception and Modulates Oxidative Stress Markers in the Spinal Cord and Sciatic Nerve of a Rat Model of Neuropathic Pain. Pain Medicine, 2022, 23, 761-773.	1.9	4
2	A variational full-network framework with anisotropic damage and viscoelasticity induced by deformation. Journal of the Mechanics and Physics of Solids, 2022, 160, 104777.	4.8	2
3	A numerical study of the constitutive characterization of thermoplastic materials submitted to finite strain. International Journal of Solids and Structures, 2020, 206, 456-471.	2.7	8
4	An experimental and numerical study on the transverse deformations in tensile test of tendons. Journal of Biomechanics, 2019, 87, 120-126.	2.1	11
5	A variational framework for fiberâ€reinforced viscoelastic soft tissues including damage. International Journal for Numerical Methods in Engineering, 2016, 108, 865-884.	2.8	15
6	Variational Constituive Models for Soft Biological Tissues. Advanced Structured Materials, 2016, , 67-88.	0.5	1
7	Torsion test method for mechanical characterization of PLDLA 70/30 ACL interference screws. Polymer Testing, 2014, 34, 34-41.	4.8	6
8	Evaluation of Peak Force of a Manually Operated Chiropractic Adjusting Instrument With an Adapter for Use in Animals. Journal of Manipulative and Physiological Therapeutics, 2014, 37, 236-241.	0.9	4
9	Strain Measurement in an Aluminium Foam by Means of Digital Image Correlation. Augmented Vision and Reality, 2014, , 137-149.	0.2	0
10	Variational Viscoelastic-Damage Model for Fiber Reinforced Soft Tissues. , 2013, , .		0
11	A variational framework for fiberâ€reinforced viscoelastic soft tissues. International Journal for Numerical Methods in Engineering, 2012, 89, 1691-1706.	2.8	22
12	Measurement of longitudinal and transverse strain in an aluminium foam. Materialwissenschaft Und Werkstofftechnik, 2011, 42, 342-349.	0.9	4
13	A variational constitutive update algorithm for a set of isotropic hyperelasticâ€“viscoplastic material models. Computer Methods in Applied Mechanics and Engineering, 2008, 197, 4132-4148.	6.6	20
14	Identification of the Strain Rate Parameters for Structural Adhesives. Journal of Adhesion Science and Technology, 2008, 22, 1523-1540.	2.6	8
15	An experimental methodology for arterial walls. Bioscience Journal, 0, , 1717-1728.	0.4	1
16	SKELETAL MUSCLE FORCE GENERATION: PARAMETER IDENTIFICATION OF DIFFERENT MATERIAL MODELS TO A CONTRACTION COMBINATION. , 0, , .		0
17	A VARIATIONAL CONSTITUTIVE MODEL FOR ACTIVE BEHAVIOR OF SKELETAL MUSCLES. , 0, , .		0
18	A NUMERICAL-EXPERIMENTAL METHODOLOGY TO CHARACTERIZE THERMOPLASTICS SUBJECT TO LARGE STRAIN USING A VARIATIONAL ELASTOPLASTIC MODEL. , 0, , .		0

#	Article	IF	Citations
19	A HYPERELASTIC CONSTITUTIVE MODEL FOR SOFT BIOLOGICAL TISSUES CONSIDERING INDIVIDUAL ASPECTS. Anais Do ... Congresso Ibero-Latino-Americano De MÃ©todos Computacionais Em Engenharia, 0, , .	0.0	0