

Jianbing Sang

List of Publications by Year in descending order

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14
papers

66
citations

1937685

4
h-index

1720034

7
g-index

14
all docs

14
docs citations

14
times ranked

63
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical simulation of deformed red blood cell by utilizing neural network approach and finite element analysis. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2020, 23, 1190-1200.	1.6	14
2	Effect of concentration of PEG coated gold nanoparticle on lung surfactant studied with coarse-grained molecular dynamics simulations. <i>Biophysical Chemistry</i> , 2020, 266, 106457.	2.8	12
3	Effects of h-BN on the thermal and mechanical properties of PBT/PC/ABS blend based composites. <i>RSC Advances</i> , 2015, 5, 58171-58175.	3.6	8
4	Inverse identification of hyperelastic constitutive parameters of skeletal muscles via optimization of AI techniques. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2021, 24, 1647-1659.	1.6	7
5	A Novel Constitutive Parameters Identification Procedure for Hyperelastic Skeletal Muscles Using Two-Way Neural Networks. <i>International Journal of Computational Methods</i> , 0, , 2150060.	1.3	7
6	Large deformation analysis and stability analysis of a cylindrical rubber tube under internal pressure. <i>Journal of Theoretical and Applied Mechanics</i> , 0, , 177.	0.5	6
7	Electromagnetic absorption and thermoelastic analysis of a functionally graded wave absorber. <i>Multidiscipline Modeling in Materials and Structures</i> , 2016, 12, 534-542.	1.3	3
8	Mechanical Property Analysis of Circular Polymer Membrane under Uniform Pressure. <i>International Journal of Polymer Science</i> , 2017, 2017, 1-9.	2.7	2
9	An inverse procedure for characterization of material parameters of passive skeletal muscle using FEM and experimental data. <i>Journal of Theoretical and Applied Mechanics</i> , 2020, 58, 247-259.	0.5	2
10	Mechanical Property Analysis of rubber-like materials under Large De-formation in Uniaxial Tension, Biaxial Tension and Expansion of Cylindrical Membrane. <i>Mechanika</i> , 2018, 24, .	0.5	2
11	Analysis of uniaxial Tension and circumferential Inflation on the Mechanical Property of Arterial Wall. <i>Mechanika</i> , 2015, 21, .	0.5	1
12	Research on mechanical properties of a polymer membrane with a void based on the finite deformation theory. <i>E-Polymers</i> , 2015, 15, 293-299.	3.0	1
13	Molecular basis of transport of surface functionalised gold nanoparticles to pulmonary surfactant. <i>RSC Advances</i> , 2022, 12, 18012-18021.	3.6	1
14	A Novel Approach for Identifying Hyper-Elastic Material Parameters of Cartilage based on FEM and Neural Networks. <i>International Journal of Computational Methods</i> , 0, , .	1.3	0