Jianbing Sang

List of Publications by Year
in descending order

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