

Jianqiao Guo

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

113
citations

1307594
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docs citations

9
times ranked

72
citing authors

#	ARTICLE	IF	CITATIONS
1	EMG-assisted forward dynamics simulation of subject-specific mandible musculoskeletal system. <i>Journal of Biomechanics</i> , 2022, 139, 111143.	2.1	10
2	Embodiment of intra-abdominal pressure in a flexible multibody model of the trunk and the spinal unloading effects during static lifting tasks. <i>Biomechanics and Modeling in Mechanobiology</i> , 2021, 20, 1599-1626.	2.8	14
3	Fractional-order viscoelastic model of musculoskeletal tissues: correlation with fractals. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2021, 477, 20200990.	2.1	11
4	Self-Similar Functional Circuit Models of Arteries and Deterministic Fractal Operators: Theoretical Revelation for Biomimetic Materials. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12897.	4.1	5
5	A mass-flowing muscle model with shape restrictive soft tissues: correlation with sonoelastography. <i>Biomechanics and Modeling in Mechanobiology</i> , 2020, 19, 911-926.	2.8	11
6	Self-similar network model for fractional-order neuronal spiking: implications of dendritic spine functions. <i>Nonlinear Dynamics</i> , 2020, 100, 921-935.	5.2	21
7	Modeling muscle wrapping and mass flow using a mass-variable multibody formulation. <i>Multibody System Dynamics</i> , 2020, 49, 315-336.	2.7	11
8	Abstraction and operator characterization of fractal ladder viscoelastic hyper-cell for ligaments and tendons. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2019, 40, 1429-1448.	3.6	11
9	Isokinetic angle-specific moments and ratios characterizing hamstring and quadriceps strength in anterior cruciate ligament deficient knees. <i>Scientific Reports</i> , 2017, 7, 7269.	3.3	19