

Javid Abderezaei

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

103
citations

1307594

7
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

75
citing authors

#	ARTICLE	IF	CITATIONS
1	Predictive Helmet Optimization Framework Based on Reduced-Order Modeling of the Brain Dynamics. <i>Annals of Biomedical Engineering</i> , 2022, , 1.	2.5	0
2	Viscoelasticity of children and adolescent brains through MR elastography. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 115, 104229.	3.1	16
3	3D amplified MRI (aMRI). <i>Magnetic Resonance in Medicine</i> , 2021, 86, 1674-1686.	3.0	17
4	Development, calibration, and testing of 3D amplified MRI (aMRI) for the quantification of intrinsic brain motion. <i>Brain Multiphysics</i> , 2021, 2, 100022.	2.3	12
5	An Overview of the Effectiveness of Bicycle Helmet Designs in Impact Testing. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 718407.	4.1	8
6	Brain-mimicking phantom for biomechanical validation of motion sensitive MR imaging techniques. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 122, 104680.	3.1	7
7	Amplified Flow Imaging (aFlow): A Novel MRI-Based Tool to Unravel the Coupled Dynamics Between the Human Brain and Cerebrovasculature. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 4113-4123.	8.9	13
8	A Nonlinear Reduced-Order Model of the Corpus Callosum Under Planar Coronal Excitation. <i>Journal of Biomechanical Engineering</i> , 2020, 142, .	1.3	9
9	Nonlinear Dynamical Behavior of the Deep White Matter during Head Impact. <i>Physical Review Applied</i> , 2019, 12, .	3.8	20