

Eftychios Christoforou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11654920/publications.pdf>

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9
papers

543
citations

1478505

6
h-index

1872680

6
g-index

9
all docs

9
docs citations

9
times ranked

527
citing authors

#	ARTICLE	IF	CITATIONS
1	Deformation of the human brain induced by mild angular head acceleration. Journal of Biomechanics, 2008, 41, 307-315.	2.1	183
2	Magnetic Resonance-â€Compatible Robotic and Mechatronics Systems for Image-Guided Interventions and Rehabilitation: A Review Study. Annual Review of Biomedical Engineering, 2007, 9, 351-387.	12.3	179
3	A Prototype Manipulator for Magnetic Resonance-Guided Interventions Inside Standard Cylindrical Magnetic Resonance Imaging Scanners. Journal of Biomechanical Engineering, 2005, 127, 972.	1.3	56
4	Performance of interventions with manipulator-driven real-time MR guidance: implementation and initial in vitro tests. Magnetic Resonance Imaging, 2007, 25, 69-77.	1.8	50
5	In vivo estimates of axonal stretch and 3D brain deformation during mild head impact. Brain Multiphysics, 2020, 1, 100015.	2.3	43
6	A General-Purpose MR-Compatible Robotic System. IEEE Engineering in Medicine and Biology Magazine, 2008, 27, 51-58.	0.8	19
7	Fast and Efficient Radiological Interventions via a Graphical User Interface Commanded Magnetic Resonance Compatible Robotic Device. , 2006, 2006, 1762-7.		9
8	Design of an actuated phantom to mimic the motion of cardiac landmarks for the study of image-guided intracardiac interventions. , 2010, , .		3
9	An actuated phantom for developing and studying MRI-guided interventions in dynamic environments. , 2012, , .		1