Armin Eilaghi

List of Publications by Year
in descending order

21 papers	919 citations	759233 12 h-index	752698 20 g-index
21 all docs	21 docs citations	21 times ranked	1742 citing authors

#	Article	IF	Citations
1	Dimensions of the human sclera: Thickness measurement and regional changes with axial length. Experimental Eye Research, 2010, 90, 277-284.	2.6	179
2	Biaxial mechanical testing of human sclera. Journal of Biomechanics, 2010, 43, 1696-1701.	2.1	114
3	Radiomics analysis at PET/CT contributes to prognosis of recurrence and survival in lung cancer treated with stereotactic body radiotherapy. Scientific Reports, 2018, 8, 4003.	3.3	114
4	CT texture features are associated with overall survival in pancreatic ductal adenocarcinoma – a quantitative analysis. BMC Medical Imaging, 2017, 17, 38.	2.7	112
5	Reperfusion Is a Stronger Predictor of Good Clinical Outcome than Recanalization in Ischemic Stroke. Radiology, 2013, 269, 240-248.	7.3	81
6	Strain Uniformity in Biaxial Specimens is Highly Sensitive to Attachment Details. Journal of Biomechanical Engineering, 2009, 131, 091003.	1.3	67
7	Effects of Scleral Stiffness Properties on Optic Nerve Head Biomechanics. Annals of Biomedical Engineering, 2010, 38, 1586-1592.	2.5	63
8	Robust Perfusion Deficits in Cognitively Impaired Patients with Secondary-Progressive Multiple Sclerosis. American Journal of Neuroradiology, 2013, 34, 62-67.	2.4	38
9	Decreased Frontal Lobe Gray Matter Perfusion in Cognitively Impaired Patients with Secondary-Progressive Multiple Sclerosis Detected by the Bookend Technique. American Journal of Neuroradiology, 2012, 33, 1779-1785.	2.4	28
10	Final infarct volume estimation on 1-week follow-up MR imaging is feasible and is dependent on recanalization status. NeuroImage: Clinical, 2015, 7, 1-6.	2.7	28
11	A new strategy for wind turbine selection using optimization based on rated wind speed. Energy Procedia, 2019, 160, 582-589.	1.8	21
12	Toward Patient-Tailored Perfusion Thresholds for Prediction of Stroke Outcome. American Journal of Neuroradiology, 2014, 35, 472-477.	2.4	17
13	Quantitative Perfusion and Permeability Biomarkers in Brain Cancer from Tomographic CT and MR Images. Biomarkers in Cancer, 2016, 8s2, BIC.S31801.	3.6	11
14	Hypoxia Detection in Infiltrative Astrocytoma: Ferumoxytol-based Quantitative BOLD MRI with Intraoperative and Histologic Validation. Radiology, 2018, 288, 821-829.	7.3	11
15	Optimization of capacity factors based on rated wind speeds of wind turbines. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-22.	2.3	8
16	Detection of Volume-Changing Metastatic Brain Tumors on Longitudinal MRI Using a Semiautomated Algorithm Based on the Jacobian Operator Field. American Journal of Neuroradiology, 2017, 38, 2059-2066.	2.4	6
17	The Effect of Enzymatic Crosslink Degradation on the Mechanics of the Anterior Cruciate Ligament: A Hybrid Multi-Domain Model. Applied Sciences (Switzerland), 2021, 11, 8580.	2.5	6
18	Normal-Appearing White Matter Permeability Distinguishes Poor Cognitive Performance in Processing Speed and Working Memory. American Journal of Neuroradiology, 2013, 34, 2119-2124.	2.4	5

#	Article	IF	Citations
19	Inertia-magnetic particle sorting in microfluidic devices: a numerical parametric investigation. Microfluidics and Nanofluidics, 2019, 23, 1.	2.2	5
20	Multiscale modeling of knee ligament biomechanics. International Journal for Numerical Methods in Biomedical Engineering, 2021, 37, e3413.	2.1	3
21	Elasto-inertial microparticle focusing in straight microchannels: A numerical parametric investigation. Physics of Fluids, 2021, 33, 092002.	4.0	2