

# Armin Eilaghi

## List of Publications by Year in descending order

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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	Multiscale modeling of knee ligament biomechanics. International Journal for Numerical Methods in Biomedical Engineering, 2021, 37, e3413.	2.1	3
2	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
3	Elasto-inertial microparticle focusing in straight microchannels: A numerical parametric investigation. Physics of Fluids, 2021, 33, 092002.	4.0	2
4	A new strategy for wind turbine selection using optimization based on rated wind speed. Energy Procedia, 2019, 160, 582-589.	1.8	21
5	Inertia-magnetic particle sorting in microfluidic devices: a numerical parametric investigation. Microfluidics and Nanofluidics, 2019, 23, 1.	2.2	5
6	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
7	Hypoxia Detection in Infiltrative Astrocytoma: Ferumoxytol-based Quantitative BOLD MRI with Intraoperative and Histologic Validation. Radiology, 2018, 288, 821-829.	7.3	11
8	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
9	CT texture features are associated with overall survival in pancreatic ductal adenocarcinoma – a quantitative analysis. BMC Medical Imaging, 2017, 17, 38.	2.7	112
10	Quantitative Perfusion and Permeability Biomarkers in Brain Cancer from Tomographic CT and MR Images. Biomarkers in Cancer, 2016, 8s2, BIC.S31801.	3.6	11
11	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
12	Toward Patient-Tailored Perfusion Thresholds for Prediction of Stroke Outcome. American Journal of Neuroradiology, 2014, 35, 472-477.	2.4	17
13	Robust Perfusion Deficits in Cognitively Impaired Patients with Secondary-Progressive Multiple Sclerosis. American Journal of Neuroradiology, 2013, 34, 62-67.	2.4	38
14	Reperfusion Is a Stronger Predictor of Good Clinical Outcome than Recanalization in Ischemic Stroke. Radiology, 2013, 269, 240-248.	7.3	81
15	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
16	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
17	Effects of Scleral Stiffness Properties on Optic Nerve Head Biomechanics. Annals of Biomedical Engineering, 2010, 38, 1586-1592.	2.5	63
18	Biaxial mechanical testing of human sclera. Journal of Biomechanics, 2010, 43, 1696-1701.	2.1	114

#	ARTICLE	IF	CITATIONS
19	Dimensions of the human sclera: Thickness measurement and regional changes with axial length. <i>Experimental Eye Research</i> , 2010, 90, 277-284.	2.6	179
20	Strain Uniformity in Biaxial Specimens is Highly Sensitive to Attachment Details. <i>Journal of Biomechanical Engineering</i> , 2009, 131, 091003.	1.3	67
21	Optimization of capacity factors based on rated wind speeds of wind turbines. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-22.	2.3	8