

# Mehran Azimbagirad

## List of Publications by Year in descending order

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1937685  
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59  
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#	ARTICLE	IF	CITATIONS
1	Deep CNN hyperparameter optimization algorithms for sensor-based human activity recognition. Neuroscience Informatics, 2022, 2, 100078.	4.5	17
2	A versatile induction heating system for magnetic hyperthermia studies under different experimental conditions. Review of Scientific Instruments, 2019, 90, 074701.	1.3	15
3	Prediction of Radiation-Related Dental Caries Through PyRadiomics Features and Artificial Neural Network on Panoramic Radiography. Journal of Digital Imaging, 2021, 34, 1237-1248.	2.9	12
4	Tsallis-Entropy Segmentation through MRF and Alzheimer anatomic reference for Brain Magnetic Resonance Parcellation. Magnetic Resonance Imaging, 2020, 65, 136-145.	1.8	6
5	Tsallis generalized entropy for Gaussian mixture model parameter estimation on brain segmentation application. Neuroscience Informatics, 2021, 1, 100002.	4.5	6
6	3D automated breast ultrasound imaging: equipment and image reconstruction. Research on Biomedical Engineering, 2021, 37, 519-533.	2.2	4
7	Partial volume transfer (PVT) conversion of cerebral tissue volumes between different magnetic fields MRI. Research on Biomedical Engineering, 2019, 35, 11-20.	2.2	2
8	Biomimetic phantom with anatomical accuracy for evaluating brain volumetric measurements with magnetic resonance imaging. Journal of Medical Imaging, 2021, 8, 013503.	1.5	2