Shayan Hassantabar

List of Publications by Year
in descending order

6 papers	**283** citations	1683934 **5** h-index	1872570 **6** g-index
6 all docs	**6** docs citations	**6** times ranked	**324** citing authors

#	Article	IF	Citations
1	Diagnosis and detection of infected tissue of COVID-19 patients based on lung x-ray image using convolutional neural network approaches. Chaos, Solitons and Fractals, 2020, 140, 110170.	2.5	180
2	CovidDeep: SARS-CoV-2/COVID-19 Test Based on Wearable Medical Sensors and Efficient Neural Networks. IEEE Transactions on Consumer Electronics, 2021, 67, 244-256.	3.0	39
3	QAIS-DSNN: Tumor Area Segmentation of MRI Image with Optimized Quantum Matched-Filter Technique and Deep Spiking Neural Network. BioMed Research International, 2021, 2021, 1-16.	0.9	36
4	MHDeep: Mental Health Disorder Detection System Based on Wearable Sensors and Artificial Neural Networks. Transactions on Embedded Computing Systems, 2022, 21, 1-22.	2.1	14
5	SCANN: Synthesis of Compact and Accurate Neural Networks. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2022, 41, 3012-3025.	1.9	12
6	CURIOUS: Efficient Neural Architecture Search Based on a Performance Predictor and Evolutionary Search. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2022, 41, 4975-4990.	1.9	2