

Yaser Fathi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Decoding Bilateral Hindlimb Kinematics From Cat Spinal Signals Using Three-Dimensional Convolutional Neural Network. <i>Frontiers in Neuroscience</i> , 2022, 16, 801818.	2.8	4
2	Decoding hindlimb kinematics from descending and ascending neural signals during cat locomotion. <i>Journal of Neural Engineering</i> , 2021, 18, 026015.	3.5	4
3	Robust multi-input multi-output adaptive fuzzy terminal sliding mode control of deep brain stimulation in Parkinson's disease: a simulation study. <i>Scientific Reports</i> , 2021, 11, 21169.	3.3	3
4	A probabilistic recurrent neural network for decoding hind limb kinematics from multi-segment recordings of the dorsal horn neurons. <i>Journal of Neural Engineering</i> , 2019, 16, 036023.	3.5	5
5	Decoding hind limb kinematics from neuronal activity of the dorsal horn neurons using multiple level learning algorithm. <i>Scientific Reports</i> , 2018, 8, 577.	3.3	15
6	Stacked recurrent neural network for decoding of reaching movement using local field potentials and single-unit spikes. , 2017, , .		0
7	GPU-based adaptive beamformer for medical ultrasound imaging. , 2012, , .		2