

Ali Marjaninejad

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

131
citations

2258059

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2272923

4
g-index

15
all docs

15
docs citations

15
times ranked

121
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological underpinnings for lifelong learning machines. Nature Machine Intelligence, 2022, 4, 196-210.	16.0	62
2	Autonomous functional movements in a tendon-driven limb via limited experience. Nature Machine Intelligence, 2019, 1, 144-154.	16.0	23
3	Should Anthropomorphic Systems be "Redundant"? Springer Tracts in Advanced Robotics, 2019, , 7-34.	0.4	10
4	A low-cost real-time wheelchair navigation system using electrooculography. , 2014, , .		7
5	Finger movements are mainly represented by a linear transformation of energy in band-specific ECoG signals. , 2017, 2017, 986-989.		7
6	Model-Free Control of Movement in a Tendon-Driven Limb via a Modified Genetic Algorithm. , 2018, 2018, 1767-1770.		5
7	Autonomous Control of a Tendon-driven Robotic Limb with Elastic Elements Reveals that Added Elasticity can Enhance Learning. , 2020, 2020, 4680-4686.		4
8	insideOut: A Bio-Inspired Machine Learning Approach to Estimating Posture in Robots Driven by Compliant Tendons. Frontiers in Neurobotics, 2021, 15, 679122.	2.8	3
9	Online signal to noise ratio improvement of ECG signal based on EEMD of synchronized ECG beats. , 2014, , .		2
10	A model-based exploration of the role of pattern generating circuits during locomotor adaptation. , 2016, 2016, 21-24.		2
11	A Radial Basis Function Neural Network approximator with fast terminal sliding mode-based learning algorithm and its application in control systems. , 2017, , .		2
12	A Bio-Inspired Framework for Joint Angle Estimation from Non-Collocated Sensors in Tendon-driven Systems. , 2020, , .		2
13	An Analytical Approach to Posture-Dependent Muscle Force and Muscle Activation Patterns. , 2018, 2018, 2068-2071.		1
14	Simple Kinematic Feedback Enhances Autonomous Learning in Bio-Inspired Tendon-Driven Systems. , 2020, 2020, 4687-4693.		1
15	Data-efficient Causal Decoding of Spiking Neural Activity using Weighted Voting. , 2021, 2021, 5850-5855.		0