

# Ali Marjaninejad

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/929855/publications.pdf>

Version: 2024-02-01

15  
papers

131  
citations

2258059

3  
h-index

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