

Ali Shafti

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1177616/publications.pdf>

Version: 2024-02-01

19
papers

269
citations

2258059

3
h-index

2272923

4
g-index

20
all docs

20
docs citations

20
times ranked

322
citing authors

#	ARTICLE	IF	CITATIONS
1	Embroidered Electromyography: A Systematic Design Guide. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2017, 25, 1472-1480.	4.9	44
2	Embedded electro-conductive yarn for shape sensing of soft robotic manipulators. , 2015, 2015, 8026-9.		37
3	Gaze-based, Context-aware Robotic System for Assisted Reaching and Grasping. , 2019, , .		29
4	Dot-to-Dot: Explainable Hierarchical Reinforcement Learning for Robotic Manipulation. , 2019, , .		27
5	FourByThree: Imagine humans and robots working hand in hand. , 2016, , .		20
6	The measurement, evolution, and neural representation of action grammars of human behavior. Scientific Reports, 2021, 11, 13720.	3.3	17
7	Real-time pose estimation and obstacle avoidance for multi-segment continuum manipulator in dynamic environments. , 2016, , .		15
8	Embroidered Electrodes for Control of Affordable Myoelectric Prostheses. , 2018, , .		12
9	The Supernumerary Robotic 3 rd Thumb for Skilled Music Tasks. , 2018, , .		12
10	Real-World Human-Robot Collaborative Reinforcement Learning. , 2020, , .		10
11	Analysis of comfort and ergonomics for clinical work environments. , 2016, 2016, 1894-1897.		8
12	Playing the piano with a robotic third thumb: assessing constraints of human augmentation. Scientific Reports, 2021, 11, 21375.	3.3	8
13	Towards safer obstacle avoidance for continuum-style manipulator in dynamic environments. , 2016, , .		7
14	A gaze-contingent intention decoding engine for human augmentation. , 2018, , .		6
15	Semantic fovea. , 2018, , .		5
16	Gaze-contingent decoding of human navigation intention on an autonomous wheelchair platform. , 2021, , .		5
17	Non-invasive Cognitive-level Human Interfacing for the Robotic Restoration of Reaching & Grasping. , 2021, , .		3
18	A zero-crossing based 10-bit 100 MS/s pipeline ADC with controlled current in 90Ånm CMOS. Analog Integrated Circuits and Signal Processing, 2014, 80, 141-151.	1.4	2

#	ARTICLE	IF	CITATIONS
19	REACTIVE MOTION PLANNING FOR MOBILE CONTINUUM ARM IN DYNAMIC INDUSTRIAL ENVIRONMENT. , 2016, , 178-185.		0