

Siamak Arzanpour

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1309588/publications.pdf>

Version: 2024-02-01

17
papers

264
citations

1307594

7
h-index

1281871

11
g-index

17
all docs

17
docs citations

17
times ranked

296
citing authors

#	ARTICLE	IF	CITATIONS
1	A Piezoelectric Energy Harvester for Rotary Motion Applications: Design and Experiments. IEEE/ASME Transactions on Mechatronics, 2013, 18, 1527-1534.	5.8	106
2	CNN-RNN and Data Augmentation Using Deep Convolutional Generative Adversarial Network for Environmental Sound Classification. IEEE Signal Processing Letters, 2022, 29, 682-686.	3.6	37
3	Broadening the Frequency Bandwidth of a Tire-Embedded Piezoelectric-Based Energy Harvesting System Using Coupled Linear Resonating Structure. IEEE/ASME Transactions on Mechatronics, 2015, 20, 2085-2094.	5.8	30
4	Design and performance analysis of a 3-RR spherical parallel manipulator for hip exoskeleton applications. Journal of Rehabilitation and Assistive Technologies Engineering, 2017, 4, 205566831769759.	0.9	15
5	A fuzzy logic system for demand-side load management in residential buildings. , 2014, , .		14
6	Family Experiences of Decreased Sound Tolerance in ASD. Journal of Autism and Developmental Disorders, 2022, 52, 4007-4021.	2.7	12
7	The dynamics of electric powered wheelchair sideways tips and falls: experimental and computational analysis of impact forces and injury. Journal of NeuroEngineering and Rehabilitation, 2016, 13, 20.	4.6	11
8	Real-time co-simulated platform for novel Volt-VAR Optimization of smart distribution network using AMI data. , 2015, , .		7
9	Realization of an Energy-Efficient Adjustable Mechatronic Spring. IEEE/ASME Transactions on Mechatronics, 2018, 23, 1877-1885.	5.8	7
10	Cylindrical Cam Electromagnetic Vibration Damper Utilizing Negative Shunt Resistance. IEEE/ASME Transactions on Mechatronics, 2020, 25, 996-1004.	5.8	6
11	Maintenance Scheduling of Volt-VAR Control Assets in Smart Distribution Networks Using Advanced Metering Infrastructure. Canadian Journal of Electrical and Computer Engineering, 2016, 39, 26-33.	2.0	5
12	Self-Tuning Active Tuned Mass Damper Utilizing Constrained Multi-Variable Sliding Mode Extremum-Seeking. , 2018, , .		4
13	Power electronic shunt control for increasing the maximum available damping force in electromagnetic dampers. , 2017, , .		3
14	Design and evaluation of a dynamic air cushion for pressure ulcers prevention. Journal of Tissue Viability, 2022, 31, 491-500.	2.0	3
15	Design and implementation of a rule-based learning algorithm using Zigbee wireless sensors for energy management. , 2014, , .		2
16	Sample-Efficient Policy Adaptation for Exoskeletons Under Variations in the Users and the Environment. IEEE Robotics and Automation Letters, 2022, 7, 9020-9027.	5.1	2
17	Viewpoint Selection for DermDrone using Deep Reinforcement Learning. , 2021, , .		0