

# 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	Family Experiences of Decreased Sound Tolerance in ASD. Journal of Autism and Developmental Disorders, 2022, 52, 4007-4021.	2.7	12
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	Design and evaluation of a dynamic air cushion for pressure ulcers prevention. Journal of Tissue Viability, 2022, 31, 491-500.	2.0	3
4	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
5	Viewpoint Selection for DermDrone using Deep Reinforcement Learning. , 2021, , .		0
6	Cylindrical Cam Electromagnetic Vibration Damper Utilizing Negative Shunt Resistance. IEEE/ASME Transactions on Mechatronics, 2020, 25, 996-1004.	5.8	6
7	Self-Tuning Active Tuned Mass Damper Utilizing Constrained Multi-Variable Sliding Mode Extremum-Seeking. , 2018, , .		4
8	Realization of an Energy-Efficient Adjustable Mechatronic Spring. IEEE/ASME Transactions on Mechatronics, 2018, 23, 1877-1885.	5.8	7
9	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
10	Power electronic shunt control for increasing the maximum available damping force in electromagnetic dampers. , 2017, , .		3
11	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
12	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
13	Real-time co-simulated platform for novel Volt-VAR Optimization of smart distribution network using AMI data. , 2015, , .		7
14	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
15	A fuzzy logic system for demand-side load management in residential buildings. , 2014, , .		14
16	Design and implementation of a rule-based learning algorithm using Zigbee wireless sensors for energy management. , 2014, , .		2
17	A Piezoelectric Energy Harvester for Rotary Motion Applications: Design and Experiments. IEEE/ASME Transactions on Mechatronics, 2013, 18, 1527-1534.	5.8	106