

# Ehsan Asadi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3224817/publications.pdf>

Version: 2024-02-01

10  
papers

348  
citations

1163117

8  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

386  
citing authors

#	ARTICLE	IF	CITATIONS
1	A hybridized electromagnetic-triboelectric self-powered sensor for traffic monitoring: concept, modelling, and optimization. <i>Nano Energy</i> , 2017, 32, 105-116.	16.0	87
2	A new adaptive hybrid electromagnetic damper: modelling, optimization, and experiment. <i>Smart Materials and Structures</i> , 2015, 24, 075003.	3.5	45
3	Modeling and performance analysis of duck-shaped triboelectric and electromagnetic generators for water wave energy harvesting. <i>International Journal of Energy Research</i> , 2017, 41, 2392-2404.	4.5	45
4	Analysis, Prototyping, and Experimental Characterization of an Adaptive Hybrid Electromagnetic Damper for Automotive Suspension Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2017, 66, 3703-3713.	6.3	43
5	A heaving point absorber-based triboelectric-electromagnetic wave energy harvester: An efficient approach toward blue energy. <i>International Journal of Energy Research</i> , 2018, 42, 2431-2447.	4.5	41
6	Multi-objective optimization of a hybrid electromagnetic suspension system for ride comfort, road holding and regenerated power. <i>JVC/Journal of Vibration and Control</i> , 2017, 23, 782-793.	2.6	40
7	A flexible tube-based triboelectric-electromagnetic sensor for knee rehabilitation assessment. <i>Sensors and Actuators A: Physical</i> , 2018, 279, 694-704.	4.1	22
8	Hybrid variable damping control: design, simulation, and optimization. <i>Microsystem Technologies</i> , 2014, 20, 1723-1732.	2.0	21
9	A New Low-Profile Electromagnetic-Pneumatic Actuator for High-Bandwidth Applications. <i>IEEE/ASME Transactions on Mechatronics</i> , 2018, 23, 2207-2217.	5.8	4
10	Development and investigation of a semi-active polar planar haptic interface using the digital resistance map concept. <i>Smart Materials and Structures</i> , 2014, 23, 055012.	3.5	0