

Bahareh Zaghari

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

275
citations

1162889

8
h-index

996849

15
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29
all docs

29
docs citations

29
times ranked

239
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of Probabilistic principles to Set-Based Design for the optimisation of a hybrid-electric propulsion system. IOP Conference Series: Materials Science and Engineering, 2022, 1226, 012064.	0.3	4
2	Application of Probabilistic Set-Based Design Exploration on the Energy Management of a Hybrid-Electric Aircraft. Aerospace, 2022, 9, 147.	1.1	12
3	Energy Harvesting: An Overview of Techniques for Use Within the Transport Industry. IEEE Electrical Insulation Magazine, 2022, 38, 24-32.	1.1	3
4	A Strategy to Decarbonize Civil Aviation: A phased innovation approach to hydrogen technologies. IEEE Electrification Magazine, 2022, 10, 27-33.	1.8	7
5	Minimising the effect of degradation of fuel cell stacks on an integrated propulsion architecture for an electrified aircraft. , 2022, , .		3
6	E-Textile Technology Reviewâ€œFrom Materials to Application. IEEE Access, 2021, 9, 97152-97179.	2.6	40
7	Instantaneous Electromagnetic Torque Waveform Calculations for Switched Reluctance Machines Exploiting Vector Analysis. IEEE Transactions on Magnetics, 2021, 57, 1-11.	1.2	7
8	Surface temperature condition monitoring methods for aerospace turbomachinery: exploring the use of ultrasonic guided waves. Measurement Science and Technology, 2021, 32, 052002.	1.4	10
9	Modelling and Validation of a Guided Acoustic Wave Temperature Monitoring System. Sensors, 2021, 21, 7390.	2.1	6
10	Real-World Performance of Sub-1 GHz and 2.4 GHz Textile Antennas for RF-Powered Body Area Networks. IEEE Access, 2020, 8, 133746-133756.	2.6	21
11	Efficient Energy Conversion in Electrically Assisted Bicycles Using a Switched Reluctance Machine Under Torque Control. IEEE Access, 2020, 8, 202401-202411.	2.6	8
12	High-Temperature Self-Powered Sensing System for a Smart Bearing in an Aircraft Jet Engine. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 6165-6174.	2.4	25
13	Dual-Receiver Wearable 6.78 MHz Resonant Inductive Wireless Power Transfer Glove Using Embroidered Textile Coils. IEEE Access, 2020, 8, 24630-24642.	2.6	42
14	Separation-Independent Wearable 6.78 MHz Near-Field Radiative Wireless Power Transfer using Electrically Small Embroidered Textile Coils. Energies, 2020, 13, 528.	1.6	5
15	Wearable Wireless Power Transfer using Direct-Write Dispenser Printed Flexible Coils. , 2020, , .		10
16	Design and Testing of a Sensing System for Aero-Engine Smart Bearings. Proceedings (mdpi), 2019, 2, .	0.2	4
17	Phase dependent nonlinear parametrically excited systems. JVC/Journal of Vibration and Control, 2019, 25, 497-505.	1.5	11
18	Parametrically Excited Nonlinear Two-Degree-of-Freedom Electromechanical Systems. Journal of Physics: Conference Series, 2019, 1264, 012024.	0.3	2

#	ARTICLE	IF	CITATIONS
19	A Smart Cycling Platform for Textile-Based Sensing and Wireless Power Transfer in Smart Cities. Proceedings (mdpi), 2019, 32, .	0.2	5
20	Oil-cooled thermoelectric energy harvesting for aero-engine sensing system. Proceedings (mdpi), 2018, 2, .	0.2	1
21	Improved Modelling of a Nonlinear Parametrically Excited System with Electromagnetic Excitation. Vibration, 2018, 1, 157-171.	0.9	11
22	Wearable and autonomous computing for future smart cities: Open challenges. , 2017, , .		19
23	Opportunities and challenges for energy harvesting sensor systems for harsh environments. , 2017, , .		3
24	Dynamic response of a nonlinear parametrically excited system subject to harmonic base excitation. Journal of Physics: Conference Series, 2016, 744, 012125.	0.3	7
25	An experimentally validated parametrically excited vibration energy harvester with time-varying stiffness. Proceedings of SPIE, 2015, , .	0.8	3
26	Fault detection in small diameter pipes using ultrasonic guided wave technology. Proceedings of SPIE, 2015, , .	0.8	0
27	QUANTIFICATION OF DEPTH OF ANESTHESIA BY MEANS OF ADAPTIVE CALCULATION OF CORRELATION DIMENSION PARAMETERS. Fractals, 2009, 17, 473-483.	1.8	0
28	Electroencephalogram Fractal Dimension as a Measure of Depth of Anesthesia. , 2008, , .		2
29	Extraction of BIS™ index sub-parameters in different anesthetic and sedative levels. , 2008, , .		4