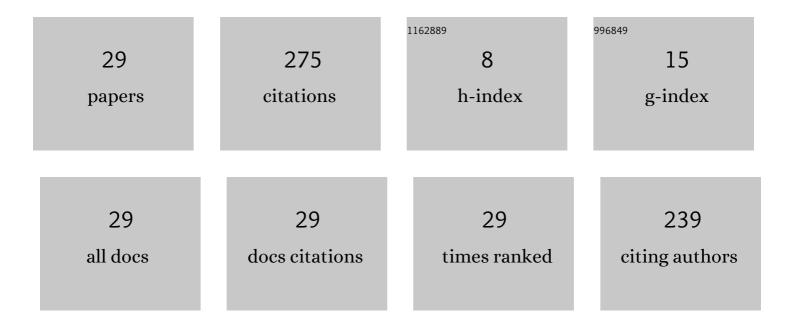
Bahareh Zaghari

List of Publications by Year in descending order

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ВЛИЛОЕН 7АСИЛО

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | E-Textile Technology Review–From Materials to Application. IEEE Access, 2021, 9, 97152-97179. | 2.6 | 40 |
| 3 | 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 |
| 4 | 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 |
| 5 | Wearable and autonomous computing for future smart cities: Open challenges. , 2017, , . | | 19 |
| 6 | Application of Probabilistic Set-Based Design Exploration on the Energy Management of a Hybrid-Electric Aircraft. Aerospace, 2022, 9, 147. | 1.1 | 12 |
| 7 | Improved Modelling of a Nonlinear Parametrically Excited System with Electromagnetic Excitation. Vibration, 2018, 1, 157-171. | 0.9 | 11 |
| 8 | Phase dependent nonlinear parametrically excited systems. JVC/Journal of Vibration and Control, 2019, 25, 497-505. | 1.5 | 11 |
| 9 | 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 |
| 10 | Wearable Wireless Power Transfer using Direct-Write Dispenser Printed Flexible Coils. , 2020, , . | | 10 |
| 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 | Dynamic response of a nonlinear parametrically excited system subject to harmonic base excitation. Journal of Physics: Conference Series, 2016, 744, 012125. | 0.3 | 7 |
| 13 | Instantaneous Electromagnetic Torque Waveform Calculations for Switched Reluctance Machines Exploiting Vector Analysis. IEEE Transactions on Magnetics, 2021, 57, 1-11. | 1.2 | 7 |
| 14 | A Strategy to Decarbonize Civil Aviation: A phased innovation approach to hydrogen technologies. IEEE Electrification Magazine, 2022, 10, 27-33. | 1.8 | 7 |
| 15 | Modelling and Validation of a Guided Acoustic Wave Temperature Monitoring System. Sensors, 2021, 21, 7390. | 2.1 | 6 |
| 16 | A Smart Cycling Platform for Textile-Based Sensing and Wireless Power Transfer in Smart Cities. Proceedings (mdpi), 2019, 32, . | 0.2 | 5 |
| 17 | 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 |
| 18 | Extraction of BIS™ index sub-parameters in different anesthetic and sedative levels. , 2008, , | | 4 |

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Design and Testing of a Sensing System for Aero-Engine Smart Bearings. Proceedings (mdpi), 2019, 2, . | 0.2 | 4 |
| 20 | 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 |
| 21 | An experimentally validated parametrically excited vibration energy harvester with time-varying stiffness. Proceedings of SPIE, 2015, , . | 0.8 | 3 |
| 22 | Opportunities and challenges for energy harvesting sensor systems for harsh environments. , 2017, , . | | 3 |
| 23 | Energy Harvesting: An Overview of Techniques for Use Within the Transport Industry. IEEE Electrical Insulation Magazine, 2022, 38, 24-32. | 1.1 | 3 |
| 24 | Minimising the effect of degradation of fuel cell stacks on an integrated propulsion architecture for an electrified aircraft. , 2022, , . | | 3 |
| 25 | Electroencephalogram Fractral Dimension as a Measure of Depth of Anesthesia. , 2008, , . | | 2 |
| 26 | Parametrically Excited Nonlinear Two-Degree-of-Freedom Electromechanical Systems. Journal of Physics: Conference Series, 2019, 1264, 012024. | 0.3 | 2 |
| 27 | Oil-cooled thermoelectric energy harvesting for aero-engine sensing system. Proceedings (mdpi), 2018, 2, . | 0.2 | 1 |
| 28 | QUANTIFICATION OF DEPTH OF ANESTHESIA BY MEANS OF ADAPTIVE CALCULATION OF CORRELATION DIMENSION PARAMETERS. Fractals, 2009, 17, 473-483. | 1.8 | 0 |
| 29 | Fault detection in small diameter pipes using ultrasonic guided wave technology. Proceedings of SPIE, 2015 | 0.8 | Ο |