

# Zoltan Szabo

## List of Publications by Year in descending order

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26  
papers

95  
citations

1684188

5  
h-index

1474206

9  
g-index

26  
all docs

26  
docs citations

26  
times ranked

73  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Evaluation of Noise Spectroscopy Tests. Entropy, 2016, 18, 443.	2.2	20
2	Measuring Light Air Ions in a Speleotherapeutic Cave. Measurement Science Review, 2017, 17, 27-36.	1.0	8
3	Magnetic circuit modifications in resonant vibration harvesters. Mechanical Systems and Signal Processing, 2018, 99, 832-845.	8.0	8
4	A Real Model of a Micro-Grid to Improve Network Stability. Applied Sciences (Switzerland), 2017, 7, 757.	2.5	6
5	Modeling of Saturation Characteristic of an Aspiration Condenser. Progress in Electromagnetics Research Symposium: [proceedings] Progress in Electromagnetics Research Symposium, 2010, 6, 26-30.	0.4	6
6	Mini- and microgenerators applicable in the MEMS technology. Proceedings of SPIE, 2017, , .	0.8	5
7	Optimal Structural Design of a Magnetic Circuit for Vibration Harvesters Applicable in MEMS. Symmetry, 2020, 12, 110.	2.2	5
8	Energy Sources for an Experimental Electrical Network: PV Panel and Micro-Hydroelectric Power Plants. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 449-454.	0.4	4
9	Stabilisation of low voltage distribution networks with renewable energy sources. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 455-460.	0.4	4
10	Transistor Amplifier as an Electrochemical Transducer with Intuitive Optical Read-out: Improving Its Performance with Simple Electronic Solutions. Electrochimica Acta, 2016, 216, 147-151.	5.2	4
11	Remotely Controlled Smart Metering for the Smart Home. IFAC-PapersOnLine, 2016, 49, 235-240.	0.9	3
12	Model of a Reactor Chamber with Microwave Heating. Progress in Electromagnetics Research Symposium: [proceedings] Progress in Electromagnetics Research Symposium, 2006, 2, 681-684.	0.4	3
13	Modeling and Experimental Verification of Plasma Jet Electromagnetic Signals. Modelling, 2022, 3, 70-91.	1.4	3
14	Evaluating the Parameters of a Systematic Long-Term Measurement of the Concentration and Mobility of Air Ions in the Environment inside CĂsaĂ™skĂ; Cave. Atmosphere, 2021, 12, 1615.	2.3	3
15	Smart Energo Model. IFAC-PapersOnLine, 2015, 48, 404-408.	0.9	2
16	Parameter identification of PMSM. , 2016, , .		2
17	Periodic material structures tested by the noise spectroscopy method. Microsystem Technologies, 2016, 22, 2783-2799.	2.0	2
18	Coupled Numerical Model of Vibration-Based Harvester. Applied Sciences (Switzerland), 2020, 10, 2725.	2.5	2

#	ARTICLE	IF	CITATIONS
19	Methods and Experiments for Sensing Variations in Solar Activity and Defining Their Impact on Heart Variability. Sensors, 2021, 21, 4817.	3.8	2
20	The energy efficiency of a hydrogen circuit in a smart grid. IFAC-PapersOnLine, 2015, 48, 386-391.	0.9	1
21	Design, Numerical Analysis and Test of HF Absorber. Progress in Electromagnetics Research Symposium: [proceedings] Progress in Electromagnetics Research Symposium, 2006, 2, 676-680.	0.4	1
22	Characterisation and Testing Shielding Fabrics. Progress in Electromagnetics Research Symposium: [proceedings] Progress in Electromagnetics Research Symposium, 2009, 5, 609-612.	0.4	1
23	The efficiency of a microgrid hydrogen circuit. , 2016, , .		0
24	Smart Energo Model control system. IFAC-PapersOnLine, 2016, 49, 218-222.	0.9	0
25	Structure of the Smart Energo model control system. , 2016, , .		0
26	Tools for the evaluation of broadband signal tasks. , 2016, , .		0