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## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

129  
citations

1478505

6  
h-index

1372567

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11  
docs citations

11  
times ranked

118  
citing authors

#	ARTICLE	IF	CITATIONS
1	Co3O4 nanoparticles embedded in laser-induced graphene for a flexible and highly sensitive enzyme-free glucose biosensor. <i>Sensors and Actuators B: Chemical</i> , 2021, 347, 130653.	7.8	42
2	Improving voltage output with PZT beam array for MEMS-based vibration energy harvester: theory and experiment. <i>Microsystem Technologies</i> , 2015, 21, 331-339.	2.0	25
3	Theoretical and experimental studies on piezoelectric-electromagnetic hybrid vibration energy harvester. <i>Microsystem Technologies</i> , 2017, 23, 935-943.	2.0	15
4	A MEMS based piezoelectric vibration energy harvester for fault monitoring system. <i>Microsystem Technologies</i> , 2018, 24, 3637-3644.	2.0	14
5	On the optimization of piezoelectric vibration energy harvester. <i>Journal of Intelligent Material Systems and Structures</i> , 2015, 26, 2489-2499.	2.5	11
6	Design and modeling a frequency self-tuning vibration energy harvester for rotational applications. <i>Energy</i> , 2021, 235, 121414.	8.8	8
7	A Novel 3-D Equivalent Circuit Model of Thermoelectric MEMS Microwave Power Sensors. <i>IEEE Transactions on Electron Devices</i> , 2021, 68, 2931-2937.	3.0	5
8	Design and optimization of a trapezoidal beam array energy harvester with operating wide speed rang for TPMS application. <i>Microsystem Technologies</i> , 2019, 25, 2869-2879.	2.0	4
9	Design and simulation of a frequency self-tuning vibration energy harvester for rotational applications. <i>Microsystem Technologies</i> , 2021, 27, 2857-2862.	2.0	4
10	An omnidirectional acoustic energy harvester based on six Helmholtz resonators. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2021, 67, 473-485.	0.6	1
11	Research on Frequency Doubling Effect of Thermoacoustic Speaker Based on Graphene Film. <i>Sensors</i> , 2021, 21, 6030.	3.8	0