

# Davide Alghisi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7999320/publications.pdf>

Version: 2024-02-01

11  
papers

144  
citations

1478280

6  
h-index

1474057

9  
g-index

11  
all docs

11  
docs citations

11  
times ranked

144  
citing authors

#	ARTICLE	IF	CITATIONS
1	Triaxial ball-impact piezoelectric converter for autonomous sensors exploiting energy harvesting from vibrations and human motion. <i>Sensors and Actuators A: Physical</i> , 2015, 233, 569-581.	2.0	42
2	Single- and multi-source battery-less power management circuits for piezoelectric energy harvesting systems. <i>Sensors and Actuators A: Physical</i> , 2017, 264, 234-246.	2.0	28
3	A new nano-power trigger circuit for battery-less power management electronics in energy harvesting systems. <i>Sensors and Actuators A: Physical</i> , 2017, 263, 305-316.	2.0	24
4	Nonlinear Multi-Frequency Converter Array for Vibration Energy Harvesting in Autonomous Sensors. <i>Procedia Engineering</i> , 2012, 47, 410-413.	1.2	17
5	Multi-frequency array of nonlinear piezoelectric converters for vibration energy harvesting. <i>Smart Materials and Structures</i> , 2020, 29, 085047.	1.8	12
6	Active rectifier circuits with sequential charging of storage capacitors (SCSC) for energy harvesting in autonomous sensors. <i>Procedia Engineering</i> , 2011, 25, 211-214.	1.2	7
7	Battery-less non-contact temperature measurement system powered by energy harvesting from intentional human action. <i>IET Circuits, Devices and Systems</i> , 2015, 9, 96-104.	0.9	6
8	Ball-impact Piezoelectric Converter for Multi-degree-of-freedom Energy Harvesting from Broadband Low-frequency Vibrations in Autonomous Sensors. <i>Procedia Engineering</i> , 2014, 87, 1529-1532.	1.2	5
9	Trigger Circuits in Battery-less Multi-source Power Management Electronics for Piezoelectric Energy Harvesters. <i>Procedia Engineering</i> , 2014, 87, 1286-1289.	1.2	3
10	Wireless noncontact temperature measurement system powered by intentional human action. , 2013, , .		0
11	Portable Wireless Distance Measurement System Powered By Intentional Human Action. <i>Lecture Notes in Electrical Engineering</i> , 2015, , 403-407.	0.3	0