

Davide Alghisi

List of Publications by Year in descending order

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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 | Multi-frequency array of nonlinear piezoelectric converters for vibration energy harvesting. <i>Smart Materials and Structures</i> , 2020, 29, 085047. | 1.8 | 12 |
| 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 | 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 |
| 5 | 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 |
| 6 | Portable Wireless Distance Measurement System Powered By Intentional Human Action. <i>Lecture Notes in Electrical Engineering</i> , 2015, , 403-407. | 0.3 | 0 |
| 7 | 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 |
| 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 | Wireless noncontact temperature measurement system powered by intentional human action. , 2013, , . | | 0 |
| 10 | Nonlinear Multi-Frequency Converter Array for Vibration Energy Harvesting in Autonomous Sensors. <i>Procedia Engineering</i> , 2012, 47, 410-413. | 1.2 | 17 |
| 11 | 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 |