

Francois Morini

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

310
citations

1163117

8
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

538
citing authors

#	ARTICLE	IF	CITATIONS
1	Challenges of low-temperature synthesized ZnO nanostructures and their integration into nano-systems. <i>Materials Science in Semiconductor Processing</i> , 2019, 91, 404-408.	4.0	11
2	Solid state generators and energy harvesters for waste heat recovery and thermal energy harvesting. <i>Thermal Science and Engineering Progress</i> , 2019, 9, 235-247.	2.7	46
3	Double buffer circuit for the characterization of piezoelectric nanogenerators based on ZnO nanowires. <i>Applied Physics Letters</i> , 2018, 112, .	3.3	21
4	Organic/Inorganic Hybrid Stretchable Piezoelectric Nanogenerators for Self-Powered Wearable Electronics. <i>Advanced Materials Technologies</i> , 2018, 3, 1700249.	5.8	107
5	Zinc oxide nanowire-parylene nanocomposite based stretchable piezoelectric nanogenerators for self-powered wearable electronics. <i>Journal of Physics: Conference Series</i> , 2018, 1052, 012028.	0.4	6
6	A facile hydrothermal approach for the density tunable growth of ZnO nanowires and their electrical characterizations. <i>Scientific Reports</i> , 2017, 7, 15187.	3.3	59
7	Synthesis and characterization of low work function alkali oxide thin films for unconventional thermionic energy converters. <i>Journal of Applied Physics</i> , 2016, 120, .	2.5	6
8	Thermoelectric energy conversion: How good can silicon be?. <i>Materials Letters</i> , 2015, 157, 193-196.	2.6	21
9	Fabrication of integrated micrometer platform for thermoelectric measurements. , 2014, , .		10
10	Low work function thin film growth for high efficiency thermionic energy converter: Coupled Kelvin probe and photoemission study of potassium oxide. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2014, 211, 1334-1337.	1.8	12
11	Structure and electrical properties in the $K_{1/2}Bi_{1/2}TiO_3$ – $K_{1/2}Bi_{1/2}ZrO_3$ solid solution (KBZ). <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2012, 209, 2063-2072.	1.8	11