

Zoran PrijiÄ

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2606868/publications.pdf>

Version: 2024-02-01

21
papers

206
citations

1307594

7
h-index

996975

15
g-index

21
all docs

21
docs citations

21
times ranked

275
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of donor and acceptor dopants on the microstructure and dielectric properties of barium titanate based ceramics. <i>Science of Sintering</i> , 2022, 54, 81-91.	1.4	1
2	Response of Commercial P-Channel Power VDMOS Transistors to Ionizing Irradiation and Bias Temperature Stress. <i>Journal of Circuits, Systems and Computers</i> , 2022, 31, .	1.5	1
3	A Transient Modeling of the Thermoelectric Generators for Application in Wireless Sensor Network Nodes. <i>Electronics (Switzerland)</i> , 2020, 9, 1015.	3.1	7
4	Modeling of NBTS Effects in P-Channel Power VDMOSFETs. <i>IEEE Transactions on Device and Materials Reliability</i> , 2020, 20, 204-213.	2.0	23
5	Modeling of NBTI degradation in p-channel VDMOSFETs. <i>Journal of Applied Engineering Science</i> , 2020, 18, 515-519.	0.9	1
6	Enhanced dielectric properties in la modified barium titanate ceramics. <i>Facta Universitatis - Series Electronics and Energetics</i> , 2019, 32, 179-193.	0.9	4
7	On the node ordering of progressive polynomial approximation for the sensor linearization. <i>Facta Universitatis - Series Electronics and Energetics</i> , 2019, 32, 539-554.	0.9	0
8	NBT stress and radiation related degradation and underlying mechanisms in power VDMOSFETs. <i>Facta Universitatis - Series Electronics and Energetics</i> , 2018, 31, 367-388.	0.9	7
9	Characterization of commercial thermoelectric modules for application in energy harvesting wireless sensor nodes. <i>Applied Thermal Engineering</i> , 2017, 121, 74-82.	6.0	26
10	Photovoltaic Energy Harvesting Wireless Sensor Node for Telemetry Applications Optimized for Low Illumination Levels. <i>Electronics (Switzerland)</i> , 2016, 5, 26.	3.1	18
11	NBTI and Irradiation Effects in P-Channel Power VDMOS Transistors. <i>IEEE Transactions on Nuclear Science</i> , 2016, 63, 1268-1275.	2.0	25
12	Effects of pulsed negative bias temperature stressing in p-channel power VDMOSFETs. <i>Facta Universitatis - Series Electronics and Energetics</i> , 2016, 29, 49-60.	0.9	4
13	High frequency characterization and modelling of ceramic capacitors. , 2015, , .		1
14	Thermal Energy Harvesting Wireless Sensor Node in Aluminum Core PCB Technology. <i>IEEE Sensors Journal</i> , 2015, 15, 337-345.	4.7	40
15	Modeling and PSPICE simulation of NBTI effects in VDMOS transistors. <i>Serbian Journal of Electrical Engineering</i> , 2015, 12, 69-79.	0.4	0
16	Practical aspects of cellular M2M systems design. <i>Facta Universitatis - Series Electronics and Energetics</i> , 2015, 28, 541-556.	0.9	0
17	Microstructural and dielectrical characterization of Ho doped BaTiO ₃ ceramics. <i>Serbian Journal of Electrical Engineering</i> , 2014, 11, 35-46.	0.4	5
18	An Electromechanical Approach to a Printed Circuit Board Design Course. <i>IEEE Transactions on Education</i> , 2013, 56, 470-477.	2.4	9

#	ARTICLE	IF	CITATIONS
19	Capacitive Pressure Sensing Based Key in PCB Technology for Industrial Applications. IEEE Sensors Journal, 2012, 12, 1496-1503.	4.7	5
20	Design and Optimization of S-Type Thermal Cutoffs. IEEE Transactions on Components and Packaging Technologies, 2008, 31, 904-912.	1.3	2
21	Dependence of static dielectric constant of silicon on resistivity at room temperature. Serbian Journal of Electrical Engineering, 2004, 1, 237-247.	0.4	27