

Zoran PrijiÄ

List of Publications by Year in descending order

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21
papers

206
citations

1307594

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h-index

996975

15
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21
all docs

21
docs citations

21
times ranked

275
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal Energy Harvesting Wireless Sensor Node in Aluminum Core PCB Technology. IEEE Sensors Journal, 2015, 15, 337-345.	4.7	40
2	Dependence of static dielectric constant of silicon on resistivity at room temperature. Serbian Journal of Electrical Engineering, 2004, 1, 237-247.	0.4	27
3	Characterization of commercial thermoelectric modules for application in energy harvesting wireless sensor nodes. Applied Thermal Engineering, 2017, 121, 74-82.	6.0	26
4	NBTI and Irradiation Effects in P-Channel Power VDMOS Transistors. IEEE Transactions on Nuclear Science, 2016, 63, 1268-1275.	2.0	25
5	Modeling of NBTS Effects in P-Channel Power VDMOSFETs. IEEE Transactions on Device and Materials Reliability, 2020, 20, 204-213.	2.0	23
6	Photovoltaic Energy Harvesting Wireless Sensor Node for Telemetry Applications Optimized for Low Illumination Levels. Electronics (Switzerland), 2016, 5, 26.	3.1	18
7	An Electromechanical Approach to a Printed Circuit Board Design Course. IEEE Transactions on Education, 2013, 56, 470-477.	2.4	9
8	A Transient Modeling of the Thermoelectric Generators for Application in Wireless Sensor Network Nodes. Electronics (Switzerland), 2020, 9, 1015.	3.1	7
9	NBT stress and radiation related degradation and underlying mechanisms in power VDMOSFETs. Facta Universitatis - Series Electronics and Energetics, 2018, 31, 367-388.	0.9	7
10	Capacitive Pressure Sensing Based Key in PCB Technology for Industrial Applications. IEEE Sensors Journal, 2012, 12, 1496-1503.	4.7	5
11	Microstructural and dielectrical characterization of Ho doped BaTiO ₃ ceramics. Serbian Journal of Electrical Engineering, 2014, 11, 35-46.	0.4	5
12	Effects of pulsed negative bias temperature stressing in p-channel power VDMOSFETs. Facta Universitatis - Series Electronics and Energetics, 2016, 29, 49-60.	0.9	4
13	Enhanced dielectric properties in Ia modified barium titanate ceramics. Facta Universitatis - Series Electronics and Energetics, 2019, 32, 179-193.	0.9	4
14	Design and Optimization of S-Type Thermal Cutoffs. IEEE Transactions on Components and Packaging Technologies, 2008, 31, 904-912.	1.3	2
15	High frequency characterization and modelling of ceramic capacitors. , 2015, , .		1
16	Modeling of NBTI degradation in p-channel VDMOSFETs. Journal of Applied Engineering Science, 2020, 18, 515-519.	0.9	1
17	Effect of donor and acceptor dopants on the microstructure and dielectric properties of barium titanate based ceramics. Science of Sintering, 2022, 54, 81-91.	1.4	1
18	Response of Commercial P-Channel Power VDMOS Transistors to Ionizing Irradiation and Bias Temperature Stress. Journal of Circuits, Systems and Computers, 2022, 31, .	1.5	1

#	ARTICLE	IF	CITATIONS
19	Modeling and PSPICE simulation of NBTI effects in VDMOS transistors. Serbian Journal of Electrical Engineering, 2015, 12, 69-79.	0.4	0
20	Practical aspects of cellular M2M systems design. Facta Universitatis - Series Electronics and Energetics, 2015, 28, 541-556.	0.9	0
21	On the node ordering of progressive polynomial approximation for the sensor linearization. Facta Universitatis - Series Electronics and Energetics, 2019, 32, 539-554.	0.9	0