

Mohamed Bellaredj

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16
papers

123
citations

7
h-index

10
g-index

19
ext. papers

179
ext. citations

2.3
avg, IF

2.81
L-index

#	Paper	IF	Citations
16	Design and Characterization of Package-Embedded Solenoidal Magnetic Core Inductors for High-Frequency and High-Efficiency SIP Integrated Voltage Regulators. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2021 , 11, 625-634	1.7	
15	Magnetic Core Solenoid Power Inductors on Organic Substrate for System-in-Package Integrated High-Frequency Voltage Regulators. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2020 , 8, 2682-2695	5.6	4
14	Open and Closed Loop Inductors for High-Efficiency System-on-Package Integrated Voltage Regulators 2019 ,		5
13	Design Exploration of Package-Embedded Inductors for High-Efficiency Integrated Voltage Regulators. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2019 , 9, 96-106	1.7	7
12	Design, Fabrication, and Characterization of Package Embedded Solenoidal Magnetic Core Inductors for High-Efficiency System-In-Package Integrated Voltage Regulators. <i>IEEE Transactions on Magnetics</i> , 2019 , 55, 1-7	2	3
11	Multi-Physics Modeling and Characterization of Components on Flexible Substrates. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2019 , 9, 1730-1740	1.7	7
10	RF Wireless Power Transfer Using Integrated Inductor. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2019 , 9, 913-920	1.7	3
9	RF Near-Field Coupling System Using Reverse PDN and Considering Electromagnetic Effects. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2019 , 61, 1904-1912	2	
8	Design and Characterization of Inductors for Self-Powered IoT Edge Devices. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2018 , 8, 1263-1271	1.7	11
7	A Global Bayesian Optimization Algorithm and Its Application to Integrated System Design. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2018 , 26, 792-802	2.6	46
6	Reverse Power Delivery Network for Wireless Power Transfer. <i>IEEE Microwave and Wireless Components Letters</i> , 2018 , 28, 624-626	2.6	1
5	Multi-physics Modeling Characterization of Aerosol Jet Printed Transmission Lines 2018 ,		1
4	Fabrication, characterization and comparison of composite magnetic materials for high efficiency integrated voltage regulators with embedded magnetic core micro-inductors. <i>Journal Physics D: Applied Physics</i> , 2017 , 50, 455001	3	10
3	Fabrication, Characterization and Comparison of FR4-Compatible Composite Magnetic Materials for High Efficiency Integrated Voltage Regulators with Embedded Magnetic Core Micro-Inductors 2017 ,		13
2	Wireless power transfer integrated board for low power IoT applications 2017 ,		3
1	Modeling and design of system-in-package integrated voltage regulator with thermal effects 2016 ,		8