

A K Davis

List of Publications by Citations

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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.

17
papers

147
citations

7
h-index

12
g-index

19
ext. papers

192
ext. citations

2.1
avg, IF

2.9
L-index

#	Paper	IF	Citations
17	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
16	Design of High Efficiency Integrated Voltage Regulators with Embedded Magnetic Core Inductors 2016 ,		30
15	Fabrication, Characterization and Comparison of FR4-Compatible Composite Magnetic Materials for High Efficiency Integrated Voltage Regulators with Embedded Magnetic Core Micro-Inductors 2017 ,		13
14	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
13	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
12	Modeling and design of system-in-package integrated voltage regulator with thermal effects 2016 ,		8
11	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
10	Microprocessor-conducted noise reduction with switched supercapacitors. <i>Electronics Letters</i> , 2015 , 51, 92-94	1.1	4
9	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
8	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
7	RF Wireless Power Transfer Using Integrated Inductor. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2019 , 9, 913-920	1.7	3
6	Miniaturization of Planar Packaged Inductor Using NiZn and Low Cost Screen Printing Technique 2017 ,		2
5	Effect of a magnetically coupled resistive loop on antiresonance. <i>Electronics Letters</i> , 2016 , 52, 1162-1164	1.1	2
4	Effect of magnetic coupling between the mounting loops of two parallel capacitors on antiresonance. <i>IET Science, Measurement and Technology</i> , 2016 , 10, 889-899	1.5	2
3	Reverse Power Delivery Network for Wireless Power Transfer. <i>IEEE Microwave and Wireless Components Letters</i> , 2018 , 28, 624-626	2.6	1
2	IPv4-IPv6 translator for VoIP and video conferencing 2011 ,		1
1	An Inductive Voltage Regulator With Overdrive Tracking Across Input Voltage in Cascoded Power Stage. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 3083-3087	3.5	

