

# Kyu-Pyung Hwang

## List of Publications by Year in descending order

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14  
papers

343  
citations

1307594

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h-index

1372567

10  
g-index

14  
all docs

14  
docs citations

14  
times ranked

283  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Fourth-Order Accurate Numerical Boundary Scheme for the Planar Dielectric Interface: a 2-D TM Case. Journal of the Korean Institute of Electromagnetic Engineering and Science, 2011, 11, 11-15.	3.0	0
2	On-package magnetic materials for embedded inductor applications. , 2009, , .		5
3	Small-Resistance and High-Quality-Factor Magnetic Integrated Inductors on PCB. IEEE Transactions on Advanced Packaging, 2009, 32, 780-787.	1.6	24
4	Fabrication and Analysis of High-Performance Integrated Solenoid Inductor With Magnetic Core. IEEE Transactions on Magnetics, 2008, 44, 4089-4095.	2.1	117
5	High-frequency responses of granular CoFeHfO and amorphous CoZrTa magnetic materials. Journal of Applied Physics, 2007, 101, 123912.	2.5	25
6	Tensor Nature of Permeability and Its Effects in Inductive Magnetic Devices. IEEE Transactions on Magnetics, 2007, 43, 2373-2375.	2.1	19
7	A stable fourth-order FDTD method for modeling electrically long dielectric waveguides. Journal of Lightwave Technology, 2006, 24, 1048-1056.	4.6	21
8	Package compatibility and substrate dependence of granular soft magnetic material CoFeHfO developed by reactive sputtering. Journal of Applied Physics, 2006, 99, 08M301.	2.5	6
9	A fourth-order accurate FDTD scheme with long-time stability. IEEE Microwave and Wireless Components Letters, 2005, 15, 271-273.	3.2	12
10	Computational Efficiency of Fang's Fourth-Order FDTD Schemes. Electromagnetics, 2003, 23, 89-102.	0.7	5
11	Effective permittivities for second-order accurate FDTD equations at dielectric interfaces. IEEE Microwave and Wireless Components Letters, 2001, 11, 158-160.	3.2	85
12	Application of a hyperbolic grid generation technique to a conformal PML implementation. , 1999, 9, 137-139.		14
13	A total-variation-diminishing finite-difference scheme for the transient response of a lossless transmission line. IEEE Transactions on Microwave Theory and Techniques, 1998, 46, 1193-1196.	4.6	4
14	Direct generation of Spice compatible passive reduced order models of ground/power planes. , 0, , .		6