

Antonio Massarini

List of Publications by Year in descending order

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13
papers

956
citations

1163117

8
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

788
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-capacitance of inductors. IEEE Transactions on Power Electronics, 1997, 12, 671-676.	7.9	400
2	Stray capacitances of single-layer solenoid air-core inductors. IEEE Transactions on Industry Applications, 1999, 35, 1162-1168.	4.9	194
3	High-frequency small-signal model of ferrite core inductors. IEEE Transactions on Magnetics, 1999, 35, 4185-4191.	2.1	93
4	Model of Laminated Iron-Core Inductors for High Frequencies. IEEE Transactions on Magnetics, 2004, 40, 1839-1845.	2.1	92
5	Feedforward control of DC-DC PWM boost converter. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 1997, 44, 143-148.	0.1	84
6	Analysis of networks with ideal switches by state equations. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 1997, 44, 692-697.	0.1	47
7	Transform method for calculating low-frequency shielding effectiveness of planar linear multilayered shields. IEEE Transactions on Magnetics, 2000, 36, 3910-3919.	2.1	19
8	Multidimensional models for the analysis of linear MHD generator channel plasma flows. IEEE Transactions on Plasma Science, 1992, 20, 473-476.	1.3	9
9	Experimental verification of predicted electromagnetic fields radiated by straight interconnect cables carrying high-frequency currents. , 0, , .		7
10	Time-dependent quasi-one-dimensional flow models for linear magnetohydrodynamic generator channels. Physics of Fluids B, 1992, 4, 2823-2829.	1.7	5
11	Optimization of magnetic multilayered shields. , 0, , .		3
12	Shielding effectiveness of multilayered shields for magnetic field nonsinusoidal sources. , 0, , .		2
13	Conditions for the existence of an X-point in a magnetic field. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 1998, 17, 773-780.	0.9	1