

Mauro Ballicchia

List of Publications by Year in descending order

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18
papers

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citations

1478505

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1474206

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g-index

18
all docs

18
docs citations

18
times ranked

64
citing authors

#	ARTICLE	IF	CITATIONS
1	Electron Interference in a Double-Well Dopant Potential Structure. Physica Status Solidi - Rapid Research Letters, 2018, 12, 1800111.	2.4	13
2	Design and Modeling of Optimum Quality Spiral Inductors With Regularization and Debye Approximation. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2010, 29, 1669-1681.	2.7	12
3	System Level Modelling of RF IC in SystemC-WMS. Eurasip Journal on Embedded Systems, 2008, 2008, 371768.	1.2	11
4	Electron evolution around a repulsive dopant in a quantum wire: coherence effects. Nanoscale, 2018, 10, 23037-23049.	5.6	9
5	SystemC-WMS: wave mixed signal simulator for non-linear heterogeneous systems. International Journal of Embedded Systems, 2014, 6, 277.	0.3	7
6	A computational approach for investigating Coulomb interaction using Wigner-Poisson coupling. Journal of Computational Electronics, 2021, 20, 775-784.	2.5	7
7	Investigating Quantum Coherence by Negative Excursions of the Wigner Quasi-Distribution. Applied Sciences (Switzerland), 2019, 9, 1344.	2.5	6
8	Sensing Light with LEDs: Performance Evaluation for IoT Applications. Journal of Imaging, 2017, 3, 50.	3.0	5
9	A methodology for RF modeling of packages using IC known-loads. , 2011, , .		4
10	A Methodology for RF modeling of packages with external pin measurements. International Journal of RF and Microwave Computer-Aided Engineering, 2014, 24, 623-634.	1.2	4
11	Complex Systems in Phase Space. Entropy, 2020, 22, 1103.	2.2	4
12	Single Electron Control by a Uniform Magnetic Field in a Focusing Double-Well Potential Structure. , 2020, , .		3
13	A Parameterized Numerical Model of Integrated Inductors for Synthesis of RFIC Matching Networks. , 2007, , .		2
14	A Methodology for Design and Modeling of Optimum Quality Spiral Inductors. , 2008, , .		2
15	Circuit Modelling of Optimum Quality Spiral Inductors based on Regularization Theory. , 2007, , .		1
16	Multi-port de-embedding methodology based on exponential mapping. , 2014, , .		0
17	Multi-port de-embedding methodology based on exponential mapping. , 2014, , .		0
18	Electromagnetic Coherent Electron Control. , 2021, , .		0