

AgustÃ-n MartÃ-n MuÃ±oz

List of Publications by Year in descending order

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38
papers

447
citations

1305906

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799663

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g-index

41
all docs

41
docs citations

41
times ranked

550
citing authors

#	ARTICLE	IF	CITATIONS
1	Using Free Mathematical Software in Engineering Classes. <i>Axioms</i> , 2021, 10, 253.	0.9	4
2	On-the-Fly Testing an Implementation of Arrow Lightweight PRNG Using a LabVIEW Framework. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 175-184.	0.5	2
3	Limits and apparent paradoxes in economics and engineering. , 2020, , 1-14.		0
4	A Modular and Optimized Toolbox for Side-Channel Analysis. <i>IEEE Access</i> , 2019, 7, 21889-21903.	2.6	4
5	Secure Elliptic Curves in Cryptography. , 2018, , 283-298.		3
6	Bifurcation Diagram of a Map with Multiple Critical Points. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2018, 28, 1850065.	0.7	5
7	A Proposal for Using a Cryptographic National Identity Card in Social Networks. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 651-660.	0.5	0
8	A comparative study of three Spanish eGovernment smart cards. <i>Logic Journal of the IGPL</i> , 2017, 25, 42-53.	1.3	3
9	A Lightweight Pseudorandom Number Generator for Securing the Internet of Things. <i>IEEE Access</i> , 2017, 5, 27800-27806.	2.6	23
10	A Comparison of Computer-Based Technologies Suitable for Cryptographic Attacks. <i>Advances in Intelligent Systems and Computing</i> , 2017, , 621-630.	0.5	0
11	A characterization of nonprime powers. <i>Turkish Journal of Mathematics</i> , 2017, 41, 1248-1259.	0.3	0
12	Thermal conductivity of silver loaded conductive epoxy from cryogenic to ambient temperature and its application for precision cryogenic noise measurements. <i>Cryogenics</i> , 2016, 76, 23-28.	0.9	9
13	Hidden and Nonstandard Bifurcation Diagram of an Alternate Quadratic System. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2016, 26, 1650036.	0.7	3
14	Implementation of Cryptographic Algorithms for Elliptic Curves. <i>Springer Proceedings in Mathematics and Statistics</i> , 2016, , 121-133.	0.1	1
15	Breaking Points in Quartic Maps. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2015, 25, 1550051.	0.7	6
16	Design of a Set of Software Tools for Side-Channel Attacks. <i>IEEE Latin America Transactions</i> , 2015, 13, 1966-1978.	1.2	0
17	Using Smart Cards for Authenticating in Public Services: A Comparative Study. <i>Advances in Intelligent Systems and Computing</i> , 2015, , 437-446.	0.5	2
18	A Toolbox for DPA Attacks to Smart Cards. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 399-408.	0.5	2

#	ARTICLE	IF	CITATIONS
19	A Method to Solve the Limitations in Drawing External Rays of the Mandelbrot Set. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-9.	0.6	1
20	A Comparative Analysis of Hybrid Encryption Schemes Based on Elliptic Curves. <i>Open Mathematics Journal</i> , 2013, 6, 1-8.	0.2	3
21	Harmonic Analysis in Discrete Dynamical Systems. <i>International Journal of Modern Nonlinear Theory and Application</i> , 2012, 01, 14-31.	0.1	1
22	Calculation of the Structure of a Shrub in the Mandelbrot Set. <i>Discrete Dynamics in Nature and Society</i> , 2011, 2011, 1-23.	0.5	1
23	Comparison of SAR and induced current densities in adults and children exposed to electromagnetic fields from electronic article surveillance devices. <i>Physics in Medicine and Biology</i> , 2010, 55, 1041-1055.	1.6	14
24	FDTD assessment of human exposure to electromagnetic fields from WiFi and bluetooth devices in some operating situations. <i>Bioelectromagnetics</i> , 2009, 30, 142-151.	0.9	25
25	An efficient FDTD time-domain equivalent currents method for safety assessment in human exposure to base-station antennas in presence of obstacles. <i>Microwave and Optical Technology Letters</i> , 2006, 48, 1987-1991.	0.9	2
26	On the safety assessment of human exposure in the proximity of cellular communications base-station antennas at 900, 1800 and 2170 MHz. <i>Physics in Medicine and Biology</i> , 2005, 50, 4125-4137.	1.6	24
27	Comparison of FDTD-calculated specific absorption rate in adults and children when using a mobile phone at 900 and 1800 MHz. <i>Physics in Medicine and Biology</i> , 2004, 49, 345-354.	1.6	256
28	Near-field time-domain physical-optics and FDTD method for safety assessment near a base-station antenna. <i>Microwave and Optical Technology Letters</i> , 2003, 39, 393-395.	0.9	8
29	On the calculation of safety distances for human exposure to electromagnetic fields from base-station antennas. <i>Microwave and Optical Technology Letters</i> , 2002, 34, 364-367.	0.9	6
30	A combination of time-domain versions of PO and PTD with the FDTD method to evaluate human exposure to an electromagnetic field in an urban environment. <i>Microwave and Optical Technology Letters</i> , 2001, 31, 371-374.	0.9	6
31	FDTD analysis of the maximum SAR when operating a mobile phone near a human eye and a wall. <i>Microwave and Optical Technology Letters</i> , 2001, 28, 83-85.	0.9	6
32	Using a combination of FDTD with a surface integration method for electromagnetic scattering analysis in large regions. <i>Microwave and Optical Technology Letters</i> , 1999, 22, 74-78.	0.9	4
33	High-frequency approximation for cone-tip backscattering at arbitrary aspects from bodies of revolution. <i>IEEE Transactions on Magnetics</i> , 1999, 35, 1514-1517.	1.2	2
34	GMT study of the telephone-operator interaction in mobile communications. <i>Microwave and Optical Technology Letters</i> , 1997, 15, 123-127.	0.9	3
35	Backscattering from a discontinuity in curvature. <i>IEEE Transactions on Magnetics</i> , 1995, 31, 1670-1673.	1.2	1
36	Uniform PO and PTD solution for calculating plane wave backscattering from a finite cylindrical shell of arbitrary cross section. <i>IEEE Transactions on Antennas and Propagation</i> , 1993, 41, 1336-1339.	3.1	11

#	ARTICLE	IF	CITATIONS
37	High-frequency backscattering from a singly curved screen. IEEE Transactions on Magnetics, 1991, 27, 3880-3882.	1.2	3
38	Design and optimization of the input modules of a DPA toolbox. Logic Journal of the IGPL, 0, , jzv041.	1.3	0