Artur Noga

List of Publications by Year
in descending order

28 papers	112 citations	1684188 5 h-index	1372567 10 g-index
28 all docs	28 docs citations	28 times ranked	101 citing authors

#	Article	IF	Citations
1	A Tunable Microstrip Bandpass Filter with Two Concurrently Tuned Transmission Zeros. Electronics (Switzerland), 2022, 11, 807.	3.1	1
2	FPGA Acceleration of Matrix-Assembly Phase of RWG-Based MoM. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1847-1851.	4.0	1
3	A Compact Widely Tunable Bandpass Filter Dedicated to Preselectors. Electronics (Switzerland), 2021, 10, 2315.	3.1	2
4	On the Design of Dual-Polarised Linear Antenna Arrays with Enhanced Port-to-Port Isolation. Sensors, 2020, 20, 6105.	3.8	2
5	High Port-to-Port Isolation Dual-Polarized Antenna Array Dedicated for Full-Duplex Base Stations. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1098-1102.	4.0	24
6	PeÅ‚nofalowa analiza odpornoÅ›ci elektroencefalografu na zaburzenia promieniowane. Przeglad Elektrotechniczny, 2018, 1, 72-75.	0.2	0
7	Influence of Layer Stackup and Decoupling Capacitors Placement on Power Delivery Network Impedance. Przeglad Elektrotechniczny, 2018, 1, 68-71.	0.2	0
8	Evaluation of the Magnetic Field Inside Grid-Like Large Volume. Przeglad Elektrotechniczny, 2018, 1, 64-67.	0.2	0
9	Weryfikacja pomiarowa podatnoÅ›ci wzmacniaczy operacyjnych na zaburzenia radioelektryczne. Przeglad Elektrotechniczny, 2018, 1, 86-89.	0.2	0
10	An Efficient Framework for Analysis of Wire-Grid Shielding Structures over a Broad Frequency Range. Radioengineering, 2016, 25, 629-636.	0.6	5
11	Accelerating frequency-domain simulations using small shared-memory CPU/GPU cluster. , 2016, , .		0
12	Design of dual-polarized MIMO linear antenna arrays with increased port-to-port isolation. , 2016, , .		2
13	OdpornoÅ›Ä‡ elektroencefalografu na zaburzenia promieniowane - przykÅ‚ady analizy numerycznej. Przeglad Elektrotechniczny, 2016, 1, 111-114.	0.2	0
14	Kernel execution strategies for GPU-accelerated version of method of moments. , 2014, , .		0
15	Accelerating method of moments by using modern GPU hardware. , 2014, , .		0
16	Interpolating broadband shielding behaviour of wire-grid cages from full-wave electromagnetic simulation. , 2012, , .		0
17	Using GPU accelerated version of MoM for solving scattering and radiation electromagnetic problems. , 2012, , .		2
18	Using GPU With CUDA to Accelerate MoM-Based Electromagnetic Simulation of Wire-Grid Models. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 342-345.	4.0	34

#	Article	IF	Citations
19	Adapting MoM With RWG Basis Functions to GPU Technology Using CUDA. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 480-483.	4.0	22
20	FDTD/PO hybrid method for analysis of planar antennas radiating near large conducting objects. , 2011, , .		1
21	GPU-accelerated MoM-based broadband simulations using Stoer-Bulirsch algorithm. , 2011, , .		0
22	Physical optics approximation for PEC objects coated with lossy material. , 2011, , .		4
23	Using the MoM impedance matrix interpolation with domain decomposition to increase computational efficiency of the wide-band performance evaluation of antennas. , 2010, , .		0
24	On the interpolation of the frequency variations of the MoM-PO impedance matrix over a wide bandwidth. Microwave and Optical Technology Letters, 2008, 50, 738-741.	1.4	4
25	Fast MM-PO-based numerical modelling technique for wideband analysis of antennas near conducting objects. Electronics Letters, 2007, 43, 486.	1.0	6
26	Wide-Band Hybrid MM-PO Computational Electromagnetics Technique Using [Z] Matrix Interpolation and Adaptive Frequency Sampling. , 2007, , .		1
27	Application of the Improved PO Technique for Analysis of Scattering Problems. , 2006, , .		1
28	Computationally efficient wide-band analysis of transmission line on-platform antennas. , 0, , .		0