

Christos D Nikolopoulos

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

153
citations

1307594

7
h-index

1199594

12
g-index

34
all docs

34
docs citations

34
times ranked

104
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and Interdisciplinary Simulations of a Hand-Held Device for Internal-Body Temperature Sensing Using Microwave Radiometry. IEEE Sensors Journal, 2018, 18, 2421-2433.	4.7	27
2	Electromagnetic Emission Modeling in Case of Shielded Cabling With Respect to the Ground Dielectric Properties. IEEE Transactions on Electromagnetic Compatibility, 2016, 58, 1694-1700.	2.2	18
3	Hydrochars as Emerging Biofuels: Recent Advances and Application of Artificial Neural Networks for the Prediction of Heating Values. Energies, 2020, 13, 4572.	3.1	15
4	Wearable Textile Antenna with a Graphene Sheet or Conductive Fabric Patch for the 2.45 GHz Band. Electronics (Switzerland), 2021, 10, 2571.	3.1	14
5	Embroidered Bow-Tie Wearable Antenna for the 868 and 915 MHz ISM Bands. Electronics (Switzerland), 2021, 10, 1983.	3.1	9
6	On the Modeling of ELF Electric Fields for Space Mission Equipment. IEEE Transactions on Electromagnetic Compatibility, 2017, 59, 1457-1464.	2.2	8
7	Verification of Radiated Emissions Modeling for SpaceWire/LVDS Links Routed on CFRP Ground. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 393-402.	4.7	7
8	On Achieving Spacecraft Level Magnetic Cleanliness With Proper Equipment Ordinance of DC and ELF Magnetic Sources. IEEE Transactions on Electromagnetic Compatibility, 2020, 62, 2714-2724.	2.2	7
9	An equivalent dipole method with novel measurement positioning for modeling electric emissions in space missions. Electromagnetics, 2017, 37, 439-453.	0.7	6
10	Measuring Transient and Steady State Electric Field Emissions of Space Equipment for EMC and Cleanliness Purposes. , 2018, , .		6
11	Towards Engineered Hydrochars: Application of Artificial Neural Networks in the Hydrothermal Carbonization of Sewage Sludge. Energies, 2021, 14, 3000.	3.1	6
12	Assessment of Radiofrequency Exposure in the Vicinity of School Environments in Crete Island, South Greece. Applied Sciences (Switzerland), 2022, 12, 4701.	2.5	6
13	Proper Equipment Ordinance for Achieving EM Cleanliness in Space Missions: The Case of ELF Electric Sources. IEEE Transactions on Electromagnetic Compatibility, 2020, 62, 1686-1692.	2.2	5
14	Early breast cancer detection method based on a simulation study of single-channel passive microwave radiometry imaging. Journal of Physics: Conference Series, 2015, 633, 012120.	0.4	3
15	Effect of LVDS link speed and pattern length on spectrum measurements of a Spacewire harness. , 2017, , .		3
16	Measurement and Modeling of SpaceWire Radiation for Electromagnetic Compatibility Assessment. , 2020, , .		2
17	Towards the Prediction of SpaceWire Radiated Emissions Employing an LVDS Signal Emulator. IEEE Access, 2021, 9, 34090-34097.	4.2	2
18	Spacecraft Hull Effect on Radiated Emissions and Optimal Onboard Payload Allocation. , 2020, , .		2

#	ARTICLE	IF	CITATIONS
19	A Novel Approach to Radiated Emissions Modeling of Low Voltage Differential Signal on SpaceWire Cable Employing Differential Evolution. , 2019, , .		1
20	Fluxgate Configuration for Obtaining Magnetic Properties of Catalytic Nanoparticles: A Feasibility Study. , 2020, , .		1
21	Experimental study of potential adverse effects on the auditory system of rabbits exposed to short-term GSM-1800 radiation. International Journal of Radiation Biology, 2021, 97, 421-430.	1.8	1
22	Near Field Considerations for Modeling Harness in Low Frequencies. , 2021, , .		1
23	Reconfigurable Antennas. , 2016, , 203-236.		1
24	Extremely Low Frequency Electric Field Emissions for Space Applications. Advances in Computer and Electrical Engineering Book Series, 2018, , 1-37.	0.3	1
25	Effect of Buildings on the Radiation Characteristics of MF Broadcast Antennas. Applied Sciences (Switzerland), 2022, 12, 6525.	2.5	1
26	Hybrid method of moments â€“ induced EMF method for analysing multiâ€“element planar inverted F antenna arrays. IET Microwaves, Antennas and Propagation, 2015, 9, 657-663.	1.4	0
27	A novel reconfigurable antenna array with controllable tuning and beam steering. Microwave and Optical Technology Letters, 2016, 58, 1782-1786.	1.4	0
28	Recent Advances on Measuring and Modeling ELF-Radiated Emissions for Space Applications. Advances in Mechatronics and Mechanical Engineering, 2021, , 1-38.	1.0	0
29	Aspects of Extremely Low Frequency Electric and Magnetic Cleanliness on Space Platforms. Advances in Mechatronics and Mechanical Engineering, 2021, , 127-146.	1.0	0
30	RF Field and ESD Immunity Test on Cable Assembly Type AL SpaceWire Link. , 2021, , .		0
31	UWB Patch Antenna with Composite Dielectric Substrate for Subcutaneous Biomedical Sensing. International Journal on Communications Antenna and Propagation, 2019, 9, 92.	0.3	0
32	EMC Assessment on SpaceWire Link ELF Magnetic Behavior for Modeling Purposes. , 2020, , .		0
33	An ELF Radiation Model for Estimating the Transient Electric Behavior of Space Units. , 2020, , .		0
34	An Approach for Modelling Harnesses in the Extreme near Field for Low Frequencies. Applied Sciences (Switzerland), 2022, 12, 3202.	2.5	0