

Cui Meng

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

115
citations

1478505

6
h-index

1372567

10
g-index

24
all docs

24
docs citations

24
times ranked

85
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical Simulation of the HEMP Environment. IEEE Transactions on Electromagnetic Compatibility, 2013, 55, 440-445.	2.2	23
2	3-D Simulation of Cavity SGEMP Interference Generated by Pulsed X-Rays. IEEE Transactions on Nuclear Science, 2020, 67, 425-433.	2.0	17
3	Experimental Verification of a Stochastic Topology Approach for High-Power Microwave Effects. IEEE Transactions on Electromagnetic Compatibility, 2015, 57, 448-453.	2.2	16
4	Numerical Simulation of the SGEMP Inside a Target Chamber of a Laser Inertial Confinement Facility. IEEE Transactions on Nuclear Science, 2017, 64, 2618-2625.	2.0	11
5	Evaluation of Cable SGEMP Response Using Monte Carlo and Finite-Difference Time-Domain Methods. IEEE Transactions on Nuclear Science, 2017, 64, 2829-2836.	2.0	10
6	Simulation of electromagnetic pulses generated by escaped electrons in a high-power laser chamber. Plasma Science and Technology, 2018, 20, 115201.	1.5	10
7	Research on calibration accuracy of D-Dot transient electric field sensor. , 2017, , .		6
8	A Code Verification for the Cavity SGEMP Simulation Code LASER-SGEMP. IEEE Transactions on Nuclear Science, 2021, 68, 1251-1257.	2.0	4
9	Relationship between the shape of electric field probes and their measuring performances. , 2010, , .		3
10	Development of high power transient electromagnetic field sensors. , 2015, , .		3
11	Synergistic effects of total ionizing dose and radiated electromagnetic interference on analog-to-digital converter. Nuclear Science and Techniques/Hewuli, 2022, 33, 1.	3.4	3
12	The experiment study of effects on ADC chip against radiation and electromagnetic environment. , 2019, , .		2
13	Experimental research for γ-ray interference threshold of high electromagnetic pulse sensor. , 2010, , .		1
14	Numerical Study of deposition of energy of Active Denial Weapon in human skin. , 2012, , .		1
15	High electromagnetic pulse environment test technology in pulse power research. , 2013, , .		1
16	Theoretical research on calibration accuracy of high power transient electromagnetic field sensors. , 2016, , .		1
17	Determining the effect of relative size of sensor on calibration accuracy of TEM cells. Nuclear Science and Techniques/Hewuli, 2019, 30, 1.	3.4	1
18	SIMULATION AND MEASUREMENT OF EXTERNAL ELECTROMAGNETIC ENVIRONMENT OF TOKAMAK DEVICE. Radiation Protection Dosimetry, 2021, 194, 187-195.	0.8	1

#	ARTICLE	IF	CITATIONS
19	Kron's Model for the Radiated Immunity and Signal Integrity Analysis of Multi-Conductor Shielded Cable. IEEE Transactions on Electromagnetic Compatibility, 2021, 63, 2093-2104.	2.2	1
20	Calculation of the SAR distribution in human heads from mobile phone radiation based on FDTD algorithm. , 2012, , .		0
21	Simulation of electromagnetic pulse generation in laser-plasma interaction. , 2016, , .		0
22	Numerical simulation of EMP environment radiated by X-rays inside a high-power laser facility. , 2018, , .		0
23	NUMERICAL ANALYSIS OF SAFETY ZONE OF A LARGE FLAT-PLATE BOUNDED-WAVE EMP SIMULATOR. Radiation Protection Dosimetry, 2020, 188, 205-212.	0.8	0
24	Electric Field Characteristics of a Low-impedance EMP Simulator Based on Circuit Model. , 2020, , .		0