

Jennifer L Zirnheld

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5430682/publications.pdf>

Version: 2024-02-01

20
papers

108
citations

2258059

3
h-index

1720034

7
g-index

20
all docs

20
docs citations

20
times ranked

138
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonthermal Plasma Needle: Development and Targeting of Melanoma Cells. IEEE Transactions on Plasma Science, 2010, 38, 948-952.	1.3	65
2	Electric Explosion of Aluminum Metallized Film. IEEE Transactions on Plasma Science, 2009, 37, 2378-2384.	1.3	13
3	Temporal Analysis of Exploding Film Burst Phenomenon. IEEE Transactions on Plasma Science, 2011, 39, 603-607.	1.3	7
4	Thermodynamic modeling with experimental validation of the pulsed and periodic operation of a high power resistor. , 2011, , .		5
5	Integration of solar technologies into the electric distribution system. , 2014, , .		3
6	Space charge accumulation as a contributor to partial discharge activity in dielectric elastomer actuators under high voltage DC. , 2016, , .		3
7	Novel combination therapy for melanoma induces apoptosis via a gap junction positive feedback mechanism. Oncotarget, 2020, 11, 3443-3458.	1.8	3
8	Methods to increase electrical breakdown threshold of polystyrene insulators. , 2009, , .		2
9	Examination of Initial Strike and Restrike Modes in Exploding Metallized Films. IEEE Transactions on Plasma Science, 2011, 39, 2426-2427.	1.3	2
10	Effects of Inductance on the Pressure Produced From Exploding Aluminum Metallized Capacitor Grade Polypropylene Films. IEEE Transactions on Radiation and Plasma Medical Sciences, 2018, 2, 624-628.	3.7	2
11	Comparison of circuits for generating nonthermal plasma to treat melanoma cells. IEEE Transactions on Dielectrics and Electrical Insulation, 2017, 24, 2241-2247.	2.9	2
12	Characterization of a non thermal plasma torch. , 2009, , .		1
13	Development of an atmospheric pressure non-thermal plasma needle for melanoma cell research. , 2009, , .		0
14	Design and analysis of a smart power management system for ultracapacitor-powered robotic platform. , 2010, , .		0
15	Nonthermal Plasma Torch Surface Attachment in Fluidic Environments. IEEE Transactions on Plasma Science, 2011, 39, 2372-2373.	1.3	0
16	PPPS-2013: Impulse voltage testing of high voltage cermaic resistors. , 2013, , .		0
17	PPPS-2013: Partial discharge monitoring in dielectric elastomer actuators. , 2013, , .		0
18	PPPS-2013: Process for evaluating effects of transient currents in pulse initiated systems. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
19	Evaluation of epoxy coated resistors in high voltage DC surge environments. , 2016, , .		0
20	Effect of electrode composition on the partial discharge characteristics of a dielectric elastomer actuator system. , 2016, , .		0