

Jennifer L Zirnheld

List of Publications by Year in descending order

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

#	ARTICLE	IF	CITATIONS
19	Characterization of a non thermal plasma torch. , 2009, , .		1
20	Development of an atmospheric pressure non-thermal plasma needle for melanoma cell research. , 2009, , .		0