

Joseph W Spencer

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

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1163117

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18
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18
docs citations

18
times ranked

363
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust Load Frequency Control for Power System Considering Transmission Delay and Sampling Period. IEEE Transactions on Industrial Informatics, 2021, 17, 5292-5303.	11.3	129
2	Study of Multisampled Multilevel Inverters to Improve Control Performance. IEEE Transactions on Power Electronics, 2012, 27, 4409-4416.	7.9	71
3	Automated monitoring of behaviour in zebrafish after invasive procedures. Scientific Reports, 2019, 9, 9042.	3.3	46
4	Analysis of Boost PFC Converters Operating in the Discontinuous Conduction Mode. IEEE Transactions on Power Electronics, 2011, 26, 3621-3628.	7.9	45
5	Welfare Challenges Influence the Complexity of Movement: Fractal Analysis of Behaviour in Zebrafish. Fishes, 2019, 4, 8.	1.7	29
6	Investigation of $\{m SF\}_{6}$ Arc Characteristics Under Shock Condition in a Supersonic Nozzle With Hollow Contact. IEEE Transactions on Plasma Science, 2013, 41, 915-928.	1.3	20
7	Assessment of behaviour in groups of zebrafish (Danio rerio) using an intelligent software monitoring tool, the chromatic fish analyser. Journal of Neuroscience Methods, 2019, 328, 108433.	2.5	17
8	Acute and chronic stress prevents responses to pain in zebrafish: evidence for stress-induced analgesia. Journal of Experimental Biology, 2020, 223, .	1.7	15
9	Linear Voltage-Control Scheme With Duty-Ratio Feedforward for Digitally Controlled Parallel Inverters. IEEE Transactions on Power Electronics, 2011, 26, 3642-3652.	7.9	7
10	Control and Propulsion of an Atmospheric Pressure Plasma Ring. IEEE Transactions on Plasma Science, 2008, 36, 2795-2800.	1.3	6
11	Current Interruption Using Electromagnetically Convolved Electric Arcs in Gases. IEEE Transactions on Power Delivery, 2009, 24, 1924-1930.	4.3	6
12	Spectroscopic On-Line Monitoring of Cu/W Contacts Erosion in HVCBs Using Optical-Fibre Based Sensor and Chromatic Methodology. Sensors, 2017, 17, 519.	3.8	6
13	Invariant chromatic descriptor for LADAR data processing. Machine Vision and Applications, 2015, 26, 649-660.	2.7	5
14	The Production of Plasma Pulses With Convolved Arc Columns in Atmospheric Pressure Air. IEEE Transactions on Plasma Science, 2010, 38, 509-515.	1.3	2
15	Electromagnetically convolved arcs for the interruption of quasi direct current. , 2012, , .		1
16	Convolved Arc With Flux Concentrator for Current Interruption. IEEE Transactions on Plasma Science, 2018, 46, 175-179.	1.3	1
17	Further study of electromagnetically convolved arc plasmas in atmospheric pressure air. , 2010, , .		0
18	Influence of non-unique modified forms of Saha and Guldberg-Waage equations on thermophysical properties of two-temperature SF6 plasmas. , 2012, , .		0