Peng Xiao

List of Publications by Year
in descending order

15	128	1478505	1281871
papers	citations	6	11
		h-index	g-index

15	15	15	95
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Review on Surface Flashover Phenomena at DC Voltage in Vacuum and Compressed Gas. IEEE Transactions on Dielectrics and Electrical Insulation, 2022, 29, 1-14.	2.9	27
2	A review on factors that affect surface charge accumulation and charge-induced surface flashover. Nanotechnology, 2021, 32, 262001.	2.6	26
3	A Half-Duplex Self-Protection Jamming Approach for Improving Secrecy of Block Transmissions in Underwater Acoustic Channels. IEEE Sensors Journal, 2016, 16, 4100-4109.	4.7	18
4	Micro-Cracks Identification and Characterization on the Sheds of Composite Insulators by Fractal Dimension. IEEE Transactions on Smart Grid, 2021, 12, 1821-1824.	9.0	10
5	Efficient sequential and parallel algorithms for finding edit distance based motifs. BMC Genomics, 2016, 17, 465.	2.8	9
6	qPMS10: A randomized algorithm for efficiently solving quorum Planted Motif Search problem. , 2016, , .		8
7	Investigation on the Effect of Accumulated Charge-Induced Degradation on Multilayer Photovoltaic Insulating Backsheets Based on Atomic Force Microscopy. ACS Applied Energy Materials, 2020, 3, 8946-8952.	5.1	8
8	A novel MAC protocol for wireless network using multi-beam directional antennas. , 2017, , .		7
9	Randomised sequential and parallel algorithms for efficient quorum planted motif search. International Journal of Data Mining and Bioinformatics, 2017, 18, 105.	0.1	6
10	Study on the characteristics of elongation at break and tensile strength of photovoltaic insulating backsheets subjected to partial discharge degradation. AIP Advances, 2021, 11, .	1.3	3
11	Novel algorithms for LDD motif search. BMC Genomics, 2019, 20, 424.	2.8	2
12	Efficient exact algorithms for LDD motif search. , 2017, , .		1
13	EMS3: An Improved Algorithm for Finding Edit-distance Based Motifs. , 2018, , .		1
14	Efficient Algorithms for Finding Edit-Distance Based Motifs. Lecture Notes in Computer Science, 2019, , 212-223.	1.3	1
15	EMS3: An Improved Algorithm for Finding Edit-Distance Based Motifs. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 27-37.	3.0	1