

Wenbin Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9866410/publications.pdf>

Version: 2024-02-01

28
papers

157
citations

1478505

6
h-index

1199594

12
g-index

28
all docs

28
docs citations

28
times ranked

122
citing authors

#	ARTICLE	IF	CITATIONS
1	A Method Based on Multi-Sensor Data Fusion for UAV Safety Distance Diagnosis. Electronics (Switzerland), 2019, 8, 1467.	3.1	32
2	A Method for Autonomous Navigation and Positioning of UAV Based on Electric Field Array Detection. Sensors, 2021, 21, 1146.	3.8	26
3	Research on Low-Voltage AC Series Arc-Fault Detection Method Based on Electromagnetic Radiation Characteristics. Energies, 2022, 15, 1829.	3.1	10
4	Research and Experiments on an External Miniaturized VFTO Measurement System. Sensors, 2020, 20, 244.	3.8	9
5	Investigation of nano Pt and Pt-based alloys electrocatalysts for direct methanol fuel cells and their properties. AIP Advances, 2014, 4, 031340.	1.3	8
6	Design of Open-Ended Structure Wideband PCB Rogowski Coil Based on New Winding Method. Electronics (Switzerland), 2022, 11, 381.	3.1	7
7	Modelling and Simulation of MPPT Algorithm for PV Grid-Connected System. Integrated Ferroelectrics, 2015, 162, 18-23.	0.7	6
8	Transmission line voltage classes identification based on particle swarm optimization algorithm and PCNN. Ferroelectrics, 2017, 521, 6-17.	0.6	6
9	Research on path tracking of intelligent vehicle based on optimal deviation control. Integrated Ferroelectrics, 2018, 191, 80-91.	0.7	6
10	Torsional Free Vibration Characteristics of Hybrid Clinched Joints. , 2010, , .		5
11	Automatic identification method of voltage level of high voltage transmission line based on SVM. Ferroelectrics, 2017, 521, 86-93.	0.6	5
12	Method for Localization Aerial Target in AC Electric Field Based on Sensor Circular Array. Sensors, 2020, 20, 1585.	3.8	5
13	Design and Verification of VFTO Differentiating-Integrating Measurement Equivalent Circuit. Integrated Ferroelectrics, 2020, 207, 96-107.	0.7	4
14	Research on On-Line Detection Method of Transformer Winding Deformation Based on VFTO. Sensors, 2021, 21, 7386.	3.8	4
15	Research on UAV Three-Phase Transmission Line Tracking and Localization Method Based on Electric Field Sensor Array. Sensors, 2021, 21, 8400.	3.8	4
16	Design for boost DC-DC converter controller based on state-space average method. Integrated Ferroelectrics, 2016, 172, 152-159.	0.7	3
17	Research of electrostatic field measurement sensors. Ferroelectrics, 2019, 549, 172-183.	0.6	3
18	Research on the Three-Dimensional Power Frequency Electric Field Measurement System. Journal of Sensors, 2021, 2021, 1-15.	1.1	3

#	ARTICLE	IF	CITATIONS
19	Silicon-based Micro Direct Methanol Fuel Cell Stack to Power Portable Devices Using MEMS Technology. Integrated Ferroelectrics, 2014, 153, 133-139.	0.7	2
20	Study on wettability of low-melting alloy material on copper substrates. Ferroelectrics, 2019, 549, 160-171.	0.6	2
21	DC high voltage electricity inspection device based on vibration capacitance sensor. Ferroelectrics, 2019, 548, 150-164.	0.6	2
22	Fabrication of MEMS-based Micro Direct Methanol Fuel Cell Using Porous Silicon as Catalysts Substrates. Integrated Ferroelectrics, 2014, 153, 79-86.	0.7	1
23	Research on the non-contact early warning of dangerous electric field by overhead transmission lines. Integrated Ferroelectrics, 2017, 181, 141-150.	0.7	1
24	Influence of temperature and humidity on power frequency electric field intensity. Integrated Ferroelectrics, 2018, 191, 104-110.	0.7	1
25	Non-contact miniature lightning overvoltage sensor. Ferroelectrics, 2019, 549, 184-194.	0.6	1
26	Evaluation Method for Winding Performance of Distribution Transformer. Energies, 2021, 14, 5832.	3.1	1
27	Using least square support vector machine for reducing the cross-sensitivity of sensors. , 2012, , .		0
28	The analysis on the tracking features of electromagnetic sensor. , 2013, , .		0