

Ke Zhu

List of Publications by Year in descending order

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16
papers

365
citations

1040056

9
h-index

1281871

11
g-index

16
all docs

16
docs citations

16
times ranked

414
citing authors

#	ARTICLE	IF	CITATIONS
1	Magneto-resistive Sensor Development Roadmap (Non-Recording Applications). IEEE Transactions on Magnetics, 2019, 55, 1-30.	2.1	138
2	Overview of Spintronic Sensors With Internet of Things for Smart Living. IEEE Transactions on Magnetics, 2019, 55, 1-22.	2.1	41
3	Non-Contact Capacitive-Coupling-Based and Magnetic-Field-Sensing-Assisted Technique for Monitoring Voltage of Overhead Power Transmission Lines. IEEE Sensors Journal, 2017, 17, 1069-1083.	4.7	39
4	On-Site Non-Invasive Current Monitoring of Multi-Core Underground Power Cables With a Magnetic-Field Sensing Platform at a Substation. IEEE Sensors Journal, 2017, 17, 1837-1848.	4.7	32
5	Non-Contact Voltage Monitoring of HVDC Transmission Lines Based on Electromagnetic Fields. IEEE Sensors Journal, 2019, 19, 3121-3129.	4.7	24
6	Magnetic-Field-Sensing-Based Approach for Current Reconstruction, Sag Detection, and Inclination Detection for Overhead Transmission System. IEEE Transactions on Magnetics, 2019, 55, 1-7.	2.1	23
7	Performance Study on Commercial Magnetic Sensors for Measuring Current of Unmanned Aerial Vehicles. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 1397-1407.	4.7	17
8	Energization-Status Identification of Three-Phase Three-Core Shielded Distribution Power Cables Based on Non-Destructive Magnetic Field Sensing. IEEE Sensors Journal, 2017, 17, 7405-7417.	4.7	15
9	Curved Trapezoidal Magnetic Flux Concentrator Design for Current Measurement of Multi-Core Power Cable With Magnetic Sensing. IEEE Transactions on Magnetics, 2019, 55, 1-9.	2.1	13
10	Fault-Line Identification of HVDC Transmission Lines by Frequency-Spectrum Correlation Based on Capacitive Coupling and Magnetic Field Sensing. IEEE Transactions on Magnetics, 2018, 54, 1-5.	2.1	8
11	Curved trapezoidal magnetic flux concentrator design for improving sensitivity of magnetic sensor in multi-conductor current measurement. , 2016, , .		5
12	Adaptive neuro-fuzzy inference system-based grey time-varying sliding mode control for power conditioning applications. Neural Computing and Applications, 2018, 30, 699-707.	5.6	5
13	On-Site Real-Time Current Monitoring of Three-Phase Three-Core Power Distribution Cables with Magnetic Sensing. , 2018, , .		5
14	Adaptive Neuro-Fuzzy Inference System-Based Grey Time-Varying Sliding Mode Control for Power Conditioning Applications. , 2015, , .		0
15	Voltage-energized status identification of three-phase underground power cables via non-destructive magneto-resistive sensor. , 2016, , .		0
16	Identification and Location for Phase-to-Ground Fault with Magnetic Sensing in Power Distribution Network: Principle and Practical Implementation. , 2019, , .		0