

Valentina Temkina

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Research on the Methods and Algorithms Improving the Measurements Precision and Market Competitive Advantages of Fiber Optic Current Sensors. <i>Sensors</i> , 2020, 20, 5995.	3.8	17
2	Fiber Optic Current Meter for IIoT in Power Grid. <i>Lecture Notes in Computer Science</i> , 2018, , 631-640.	1.3	10
3	Manufacturing Method and Stability Research of the Fiber Quarter-Wave Plate for Fiber Optic Current Sensor. , 2019, , .		5
4	Compensation of Fiber Quarter-Wave Plate Temperature Deviation in Fiber Optic Current Sensor. , 2019, , .		4
5	Computer Modeling of Fiber Optic Current Sensor. <i>Springer Proceedings in Physics</i> , 2021, , 263-276.	0.2	4
6	CPU-Based FPGA Algorithm Model of Fiber Optic Current Sensor Demodulator. <i>Springer Proceedings in Physics</i> , 2021, , 455-461.	0.2	3
7	On the Experience of Using NI ELVIS III in Remote Laboratory Practice During Pandemic Lockdown. <i>Springer Proceedings in Physics</i> , 2022, , 77-83.	0.2	3
8	Experimental Study of Temperature Impact on Fiber Optic Current Sensor Elements. <i>Lecture Notes in Computer Science</i> , 2022, , 240-253.	1.3	2
9	Digital Twin-Based Research on Fiber Optic Current Sensor Behavior and Stability. <i>Lecture Notes in Computer Science</i> , 2020, , 373-383.	1.3	1
10	Improvement of Fiber-Optic Current Sensor Technology for Relay Protection and Commercial Metering in Power Grid. , 2020, , .		1