

Jiahong

List of Publications by Year in descending order

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docs citations

21
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86
citing authors

#	ARTICLE	IF	CITATIONS
1	A LiNbO ₃ Integrated Optics Sensor for Measurement of Pulsed Current. Crystals, 2022, 12, 265.	2.2	2
2	An Electro-Optic Sensor for Measurement of Intensive DC Electric Field. IEEE Photonics Journal, 2022, 14, 1-7.	2.0	1
3	Temperature effect on the thermal properties of insulation paper. Electrical Engineering, 2021, 103, 1083-1091.	2.0	3
4	Design and Analysis of Broadband LiNbO ₃ Optical Waveguide Electric Field Sensor with Tapered Antenna. Sensors, 2021, 21, 3672.	3.8	14
5	Measurements of Excavation Damaged Zone by Using Fiber Bragg Grating Stress Sensors. Sensors, 2021, 21, 5008.	3.8	5
6	Optical Waveguide Electric Field Sensor Based on Dual Parallel Mach-Zehnder Interferometer. IEEE Sensors Journal, 2021, 21, 20099-20106.	4.7	15
7	Noninvasive measurement of intensive power-frequency electric field using a LiNbO ₃ integrated optical waveguide sensor. IET Science, Measurement and Technology, 2021, 15, 101-108.	1.6	14
8	Integrated Photonic Electric Field Sensor Operating More Than 26 GHz. IEEE Microwave and Wireless Components Letters, 2020, 30, 1009-1012.	3.2	17
9	Study of an integrated optical waveguide sensor with a tapered antenna for measurement of intense pulsed electric field. Optik, 2020, 218, 164837.	2.9	10
10	A Single Chip LiNbO ₃ Photonic 2D Electric Field Sensor Using Two Perpendicular Electrodes. IEEE Photonics Technology Letters, 2020, 32, 1501-1504.	2.5	3
11	Design and Application of Integrated Optics Sensor for Measurement of Intense Pulsed Electric Field. Journal of Lightwave Technology, 2019, 37, 1440-1448.	4.6	23
12	Instantaneous microwave frequency measurement using an asymmetric integrated optical waveguide Mach-Zehnder interferometer (AMZI). Optik, 2018, 169, 203-207.	2.9	5
13	An isotropic intense electromagnetic impulse (EMP) sensor using integrated electro-optic (EO) probe. Optik, 2017, 147, 385-390.	2.9	2
14	Broad-Band Integrated Optical Electric Field Sensor Using Reflection Mach-Zehnder Waveguide Modulator. Fiber and Integrated Optics, 2017, 36, 157-164.	2.5	5
15	A three-axis optical electric field sensor for high-altitude nuclear electromagnetic pulse (HNEMP) measurement. , 2015, , .		1
16	3D Integrated Optical E-Field Sensor for Lightning Electromagnetic Impulse Measurement. IEEE Photonics Technology Letters, 2014, 26, 2353-2356.	2.5	19
17	Nanosecond transient electric field measurement system using an integrated electro-optic sensor. Optical Engineering, 2014, 53, 117101.	1.0	3
18	Integrated Optical E-Field Sensor for Intense Nanosecond Electromagnetic Pulse Measurement. IEEE Photonics Technology Letters, 2014, 26, 275-277.	2.5	15

#	ARTICLE	IF	CITATIONS
19	Integrated optical waveguide sensor for lightning impulse electric field measurement. Photonic Sensors, 2014, 4, 215-219.	5.0	5
20	Wavelength Tuning for LiNbO ₃ Photonic Sensor to Have Linear Operation Point. Microwave and Optical Technology Letters, 2013, 55, 2326-2329.	1.4	0
21	A Novel Bias Angle Control System for LiNbO_3 Photonic Sensor Using Wavelength Tuning. IEEE Photonics Technology Letters, 2013, 25, 1993-1995.	2.5	25