

# Jiahong

## List of Publications by Year in descending order

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21  
papers

187  
citations

1040056

9  
h-index

1058476

14  
g-index

21  
all docs

21  
docs citations

21  
times ranked

86  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Bias Angle Control System for $\text{LiNbO}_3$ Photonic Sensor Using Wavelength Tuning. IEEE Photonics Technology Letters, 2013, 25, 1993-1995.	2.5	25
2	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
3	3D Integrated Optical E-Field Sensor for Lightning Electromagnetic Impulse Measurement. IEEE Photonics Technology Letters, 2014, 26, 2353-2356.	2.5	19
4	Integrated Photonic Electric Field Sensor Operating More Than 26 GHz. IEEE Microwave and Wireless Components Letters, 2020, 30, 1009-1012.	3.2	17
5	Integrated Optical E-Field Sensor for Intense Nanosecond Electromagnetic Pulse Measurement. IEEE Photonics Technology Letters, 2014, 26, 275-277.	2.5	15
6	Optical Waveguide Electric Field Sensor Based on Dual Parallel Mach-Zehnder Interferometer. IEEE Sensors Journal, 2021, 21, 20099-20106.	4.7	15
7	Design and Analysis of Broadband $\text{LiNbO}_3$ Optical Waveguide Electric Field Sensor with Tapered Antenna. Sensors, 2021, 21, 3672.	3.8	14
8	Non-invasive measurement of intensive power-frequency electric field using a $\text{LiNbO}_3$ integrated optical waveguide sensor. IET Science, Measurement and Technology, 2021, 15, 101-108.	1.6	14
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	Integrated optical waveguide sensor for lightning impulse electric field measurement. Photonic Sensors, 2014, 4, 215-219.	5.0	5
11	Broad-Band Integrated Optical Electric Field Sensor Using Reflection Mach-Zehnder Waveguide Modulator. Fiber and Integrated Optics, 2017, 36, 157-164.	2.5	5
12	Instantaneous microwave frequency measurement using an asymmetric integrated optical waveguide Mach-Zehnder interferometer (AMZI). Optik, 2018, 169, 203-207.	2.9	5
13	Measurements of Excavation Damaged Zone by Using Fiber Bragg Grating Stress Sensors. Sensors, 2021, 21, 5008.	3.8	5
14	Nanosecond transient electric field measurement system using an integrated electro-optic sensor. Optical Engineering, 2014, 53, 117101.	1.0	3
15	Temperature effect on the thermal properties of insulation paper. Electrical Engineering, 2021, 103, 1083-1091.	2.0	3
16	A Single Chip $\text{LiNbO}_3$ Photonic 2D Electric Field Sensor Using Two Perpendicular Electrodes. IEEE Photonics Technology Letters, 2020, 32, 1501-1504.	2.5	3
17	An isotropic intense electromagnetic impulse (EMP) sensor using integrated electro-optic (EO) probe. Optik, 2017, 147, 385-390.	2.9	2
18	A $\text{LiNbO}_3$ Integrated Optics Sensor for Measurement of Pulsed Current. Crystals, 2022, 12, 265.	2.2	2

#	ARTICLE	IF	CITATIONS
19	A three-axis optical electric field sensor for high-altitude nuclear electromagnetic pulse (HNEMP) measurement. , 2015, , .		1
20	An Electro-Optic Sensor for Measurement of Intensive DC Electric Field. IEEE Photonics Journal, 2022, 14, 1-7.	2.0	1
21	Wavelength Tuning for LiNbO <sub>3</sub> Photonic Sensor to Have Linear Operation Point. Microwave and Optical Technology Letters, 2013, 55, 2326-2329.	1.4	0