

Zheng-Chun Luo

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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1478505

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1281871

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11
times ranked

68
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-frequency fiber optic hydrophone based on weak value amplification. Optics Express, 2020, 28, 25935.	3.4	24
2	Measurement of Chiral Molecular Parameters Based on a Combination of Surface Plasmon Resonance and Weak Value Amplification. ACS Sensors, 2020, 5, 2398-2407.	7.8	22
3	Fiber optic multipoint remote methane sensing system based on pseudo differential detection. Optics and Lasers in Engineering, 2019, 114, 50-59.	3.8	13
4	Ultrasensitive Optical Refractive Index Detection of NaCl and Alcohol Solutions Based on Weak Value Amplification. Plasmonics, 2020, 15, 671-678.	3.4	11
5	High-Performance Fiber Optic Interferometric Hydrophone Based on Push-Pull Structure. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	4.7	11
6	Phase Measurement of Optical Fiber via Weak-Value Amplification. IEEE Sensors Journal, 2019, 19, 6742-6747.	4.7	7
7	A Case Study on Fiber Optic Interferometric Seafloor Seismic and Tsunami Monitoring System in South China Sea. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-12.	4.7	6
8	Shallow seafloor seismic wave monitoring using 3-component fiber optic interferometric accelerometer. Measurement Science and Technology, 2022, 33, 015101.	2.6	5
9	Effects of nonlinearity and technical noise on weak-value amplified phase measurement. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 125401.	1.5	3
10	Pragmatic Implementation With Non-Gaussian Devices of Noise-Limited Weak Value Amplification. IEEE Photonics Journal, 2021, 13, 1-10.	2.0	3
11	Methane Optical Sensing System With Polarization Rotation Gas Cell. IEEE Sensors Journal, 2019, 19, 7415-7424.	4.7	1