Zheng-Chun Luo

List of Publications by Year
in descending order

11	106	1478505 6	1281871 11
papers	citations	h-index	g-index

11	11	11	68
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Shallow seafloor seismic wave monitoring using 3-component fiber optic interferometric accelerometer. Measurement Science and Technology, 2022, 33, 015101.	2.6	5
2	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
3	Pragmatic Implementation With Non-Gaussian Devices of Noise-Limited Weak Value Amplification. IEEE Photonics Journal, 2021, 13, 1-10.	2.0	3
4	High-Performance Fiber Optic Interferometric Hydrophone Based on Pushâ€“Pull Structure. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	4.7	11
5	Ultrasensitive Optical Refractive Index Detection of NaCl and Alcohol Solutions Based on Weak Value Amplification. Plasmonics, 2020, 15, 671-678.	3.4	11
6	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
7	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
8	Low-frequency fiber optic hydrophone based on weak value amplification. Optics Express, 2020, 28, 25935.	3.4	24
9	Methane Optical Sensing System With Polarization Rotation Gas Cell. IEEE Sensors Journal, 2019, 19, 7415-7424.	4.7	1
10	Phase Measurement of Optical Fiber via Weak-Value Amplification. IEEE Sensors Journal, 2019, 19, 6742-6747.	4.7	7
11	Fiber optic multipoint remote methane sensing system based on pseudo differential detection. Optics and Lasers in Engineering, 2019, 114, 50-59.	3.8	13