

# Duo Yi

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Demonstration of Fiber-Optic Seismic Sensor With Improved Dynamic Response in Oilfield Application. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-8.	4.7	4
2	Analysis and Suppression of Aliased Noises in Time-Division-Multiplexing Interferometric Fiber-Optic Sensor Array. Journal of Lightwave Technology, 2022, 40, 2670-2678.	4.6	3
3	Common-mode noise self-suppressed 3-component fiber optic accelerometer based on low-reflectivity Bragg gratings. Optics Letters, 2021, 46, 1596.	3.3	4
4	Multiplexed Weak Waist-Enlarged Fiber Taper Curvature Sensor and Its Rapid Inline Fabrication. Sensors, 2021, 21, 6782.	3.8	1
5	Development of a flame spraying coating-based fiber composite structure: A thermo-mechanical finite element study. Journal of Intelligent Material Systems and Structures, 2020, 31, 1950-1958.	2.5	2
6	Downhole Microseismic Monitoring Using Time-Division Multiplexed Fiber-Optic Accelerometer Array. IEEE Access, 2020, 8, 120104-120113.	4.2	17
7	Thermo-Optic Property Measurement Using Surface Plasmon Resonance-Based Fiber Optic Sensor. IEEE Sensors Journal, 2020, 20, 11357-11363.	4.7	8
8	A self-assembled fiber Mach-Zehnder interferometer based on liquid crystals. Journal of Materials Chemistry C, 2020, 8, 11153-11159.	5.5	8
9	Common-Mode Noise Suppression Technique in Interferometric Fiber-Optic Sensors. Journal of Lightwave Technology, 2019, 37, 5619-5627.	4.6	7
10	Fibre optic seismic sensor for down-well monitoring in the oil industry. Measurement: Journal of the International Measurement Confederation, 2018, 123, 145-149.	5.0	13
11	Self-Referenced Accelerometer Array Multiplexed on a Single Fiber Using a Dual-Pulse Heterodyne Phase-Sensitive OTDR. Journal of Lightwave Technology, 2018, 36, 2973-2979.	4.6	12
12	Finite element analysis of fiber optic embedded in thermal spray coating. Journal of Intelligent Material Systems and Structures, 2018, 29, 896-904.	2.5	3
13	Acousto-Optic Modulation Induced Noises on Heterodyne-Interrogated Interferometric Fiber-Optic Sensors. Journal of Lightwave Technology, 2018, 36, 3465-3471.	4.6	20