

# Hongjuan Zhang

## List of Publications by Year in descending order

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22  
papers

415  
citations

933447

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752698

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22  
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22  
docs citations

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times ranked

302  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comprehensive Study of Optical Fiber Acoustic Sensing. IEEE Access, 2019, 7, 85821-85837.	4.2	78
2	Recent Advances in Brillouin Optical Time Domain Reflectometry. Sensors, 2019, 19, 1862.	3.8	77
3	Pattern Recognition for Distributed Optical Fiber Vibration Sensing: A Review. IEEE Sensors Journal, 2021, 21, 11983-11998.	4.7	48
4	Partial Discharge Ultrasound Detection Using the Sagnac Interferometer System. Sensors, 2018, 18, 1425.	3.8	40
5	A Comprehensive Study of Optical Frequency Domain Reflectometry. IEEE Access, 2021, 9, 41647-41668.	4.2	40
6	Phase Demodulation Methods for Optical Fiber Vibration Sensing System: A Review. IEEE Sensors Journal, 2022, 22, 1842-1866.	4.7	23
7	Eliminating Phase Drift for Distributed Optical Fiber Acoustic Sensing System with Empirical Mode Decomposition. Sensors, 2019, 19, 5392.	3.8	20
8	Pulse Coding in Distributed Optical Fiber Vibration Sensor: A Review. IEEE Sensors Journal, 2021, 21, 22371-22387.	4.7	13
9	A Comprehensive Study of Energy Conservation in Electric-Hydraulic Injection-Molding Equipment. Energies, 2017, 10, 1768.	3.1	12
10	Adaptability and Anti-Noise Capacity Enhancement for $\hat{\mu}$ -OTDR With Deep Learning. Journal of Lightwave Technology, 2020, 38, 6699-6706.	4.6	11
11	Crosstalk Noise Suppressed for Multi-frequency $\hat{\mu}$ -OTDR Using Compressed Sensing. Journal of Lightwave Technology, 2021, 39, 7343-7350.	4.6	10
12	Multi-Parameter Collaborative Power Prediction to Improve the Efficiency of Supercapacitor-Based Regenerative Braking System. IEEE Transactions on Energy Conversion, 2021, 36, 2612-2622.	5.2	8
13	Sagnac Vibration Sensing System With Nested Pulse Method. Journal of Lightwave Technology, 2021, 39, 1550-1556.	4.6	8
14	Design and Performance Analysis of an Intrinsically Safe Ultrasonic Ranging Sensor. Sensors, 2016, 16, 867.	3.8	7
15	Spatial Resolution Enhancement of OFDR Sensing System Using Phase-Domain-Interpolation Resampling Method. IEEE Sensors Journal, 2022, 22, 3202-3210.	4.7	7
16	Long-Distance Detection for Periodic Vibration Signal in $\hat{\mu}$ -OTDR System Using Global Phase Demodulation Method. IEEE Sensors Journal, 2021, 21, 26799-26804.	4.7	3
17	Multiresolution Phase Compensation for Phase-Sensitive OTDR. IEEE Sensors Journal, 2022, 22, 14937-14943.	4.7	3
18	Transformerless Ultrasonic Ranging System with the Feature of Intrinsic Safety for Explosive Environment. Sensors, 2018, 18, 4397.	3.8	2

#	ARTICLE	IF	CITATIONS
19	Power flow predictive model control to improve the efficiency of regenerative energy storage and utilization. Journal of Power Electronics, 2022, 22, 1758-1768.	1.5	2
20	Energy Recovery and Utilization Efficiency Improvement for Motor-Driven System Using Dynamic Energy Distribution Method. IEEE Transactions on Vehicular Technology, 2022, 71, 10327-10336.	6.3	2
21	Efficiency Improvement for Regenerative Energy System Using Dynamic Efficiency-SOC-Load Model. Journal of Electrical Engineering and Technology, 2023, 18, 419-429.	2.0	1
22	Parallel Computation Technology for Distributed Optical Fiber Sensing System. , 2019, , .		0