

Hongjuan Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

415
citations

933447

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752698

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all docs

22
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22
times ranked

302
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | Phase Demodulation Methods for Optical Fiber Vibration Sensing System: A Review. IEEE Sensors Journal, 2022, 22, 1842-1866. | 4.7 | 23 |
| 3 | Spatial Resolution Enhancement of OFDR Sensing System Using Phase-Domain-Interpolation Resampling Method. IEEE Sensors Journal, 2022, 22, 3202-3210. | 4.7 | 7 |
| 4 | 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 |
| 5 | Multiresolution Phase Compensation for Phase-Sensitive OTDR. IEEE Sensors Journal, 2022, 22, 14937-14943. | 4.7 | 3 |
| 6 | 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 |
| 7 | Pattern Recognition for Distributed Optical Fiber Vibration Sensing: A Review. IEEE Sensors Journal, 2021, 21, 11983-11998. | 4.7 | 48 |
| 8 | A Comprehensive Study of Optical Frequency Domain Reflectometry. IEEE Access, 2021, 9, 41647-41668. | 4.2 | 40 |
| 9 | Crosstalk Noise Suppressed for Multi-frequency $\hat{\nu}$ -OTDR Using Compressed Sensing. Journal of Lightwave Technology, 2021, 39, 7343-7350. | 4.6 | 10 |
| 10 | Pulse Coding in Distributed Optical Fiber Vibration Sensor: A Review. IEEE Sensors Journal, 2021, 21, 22371-22387. | 4.7 | 13 |
| 11 | 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 |
| 12 | Sagnac Vibration Sensing System With Nested Pulse Method. Journal of Lightwave Technology, 2021, 39, 1550-1556. | 4.6 | 8 |
| 13 | Long-Distance Detection for Periodic Vibration Signal in $\hat{\nu}$ -OTDR System Using Global Phase Demodulation Method. IEEE Sensors Journal, 2021, 21, 26799-26804. | 4.7 | 3 |
| 14 | Adaptability and Anti-Noise Capacity Enhancement for $\hat{\nu}$ -OTDR With Deep Learning. Journal of Lightwave Technology, 2020, 38, 6699-6706. | 4.6 | 11 |
| 15 | A Comprehensive Study of Optical Fiber Acoustic Sensing. IEEE Access, 2019, 7, 85821-85837. | 4.2 | 78 |
| 16 | Recent Advances in Brillouin Optical Time Domain Reflectometry. Sensors, 2019, 19, 1862. | 3.8 | 77 |
| 17 | Parallel Computation Technology for Distributed Optical Fiber Sensing System. , 2019, , . | | 0 |
| 18 | Eliminating Phase Drift for Distributed Optical Fiber Acoustic Sensing System with Empirical Mode Decomposition. Sensors, 2019, 19, 5392. | 3.8 | 20 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Transformerless Ultrasonic Ranging System with the Feature of Intrinsic Safety for Explosive Environment. <i>Sensors</i> , 2018, 18, 4397. | 3.8 | 2 |
| 20 | Partial Discharge Ultrasound Detection Using the Sagnac Interferometer System. <i>Sensors</i> , 2018, 18, 1425. | 3.8 | 40 |
| 21 | A Comprehensive Study of Energy Conservation in Electric-Hydraulic Injection-Molding Equipment. <i>Energies</i> , 2017, 10, 1768. | 3.1 | 12 |
| 22 | Design and Performance Analysis of an Intrinsically Safe Ultrasonic Ranging Sensor. <i>Sensors</i> , 2016, 16, 867. | 3.8 | 7 |