

Moussa Kafal

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2353501/publications.pdf>

Version: 2024-02-01

18
papers

289
citations

1478505

6
h-index

1588992

8
g-index

18
all docs

18
docs citations

18
times ranked

138
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Fault Diagnosis for Electrical Systems and Power Networks: A Review. IEEE Sensors Journal, 2021, 21, 888-906. | 4.7 | 110 |
| 2 | An Effective Method Based on Time Reversal and Optimization Techniques for Locating Faults on Power Grids. IEEE Sensors Journal, 2021, 21, 1092-1099. | 4.7 | 14 |
| 3 | Pilot Tests of FasTR Method for Locating Transient Faults in Medium Voltage Underground Power Networks. IEEE Sensors Journal, 2021, 21, 8510-8519. | 4.7 | 4 |
| 4 | Multifrequency TR-MUSIC Processing to Locate Soft Faults in Cables Subject to Noise. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 411-418. | 4.7 | 8 |
| 5 | A Performance Analysis of Optimization Algorithms for Wiring Network Reconstruction and Diagnosis based on Reflectometry. , 2019, , . | | 1 |
| 6 | A Non Destructive Reflectometry Based Method for the Location and Characterization of Incipient Faults in Complex Unknown Wire Networks. , 2018, , . | | 9 |
| 7 | Blind diagnosis of a black-boxed fully-loaded wiring network for configuration structuring and fault monitoring. , 2018, , . | | 4 |
| 8 | On the Implementation of Embedded Communication over Reflectometry-oriented Hardware for Distributed Diagnosis in Complex Wiring Networks. , 2018, , . | | 3 |
| 9 | Time Reversal Applied to Multi-Carrier Reflectometry for On-line Diagnosis in Complex Wiring Systems. , 2018, , . | | 2 |
| 10 | Enhancing the Spatial Resolution for Wire Fault Detection Systems Using Multi-Carrier Signals. IEEE Sensors Journal, 2018, 18, 9857-9866. | 4.7 | 3 |
| 11 | Constructing the topology of complex wire networks using reflectometry response and newton-based optimization algorithms. , 2017, , . | | 8 |
| 12 | On the phase analysis of multi-carrier signals for high-precision fault detection by reflectometry. , 2017, , . | | 1 |
| 13 | A joint reflectometry-optimization algorithm for mapping the topology of an unknown wire network. , 2017, , . | | 11 |
| 14 | An efficient technique based on DORT method to locate multiple soft faults in wiring networks. IEEE Instrumentation and Measurement Magazine, 2016, 19, 10-14. | 1.6 | 8 |
| 15 | Locating Faults With High Resolution Using Single-Frequency TR-MUSIC Processing. IEEE Transactions on Instrumentation and Measurement, 2016, 65, 2342-2348. | 4.7 | 50 |
| 16 | Locating Multiple Soft Faults in Wire Networks Using an Alternative DORT Implementation. IEEE Transactions on Instrumentation and Measurement, 2016, 65, 399-406. | 4.7 | 44 |
| 17 | An enhanced DORT approach for locating multiple soft-faults in complex wire networks. , 2015, , . | | 3 |
| 18 | An efficient technique based on DORT method to locate multiple soft faults in wiring networks. , 2015, , . | | 6 |