

Thomas Schlechter

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

72
citations

2682572

2
h-index

2550090

3
g-index

21
all docs

21
docs citations

21
times ranked

22
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Environmental Condition Aware Data and Energy Economy Methodology in Distributed Systems. , 2020, , . | | 0 |
| 2 | A Novel Frontier-Based Exploration Algorithm for Mobile Robots. , 2020, , . | | 10 |
| 3 | Automated Tension Belt Status Monitoring. , 2020, , . | | 0 |
| 4 | Bike Gear Mode Detection and Automated Chain Maintenance Using Solid-Borne Sound Analysis. , 2020, , . | | 0 |
| 5 | Educational Example on Optimum Cool Refrigerating Capacity Adjustment for Fridges and Freezers by Fill Level Indication using Series of Pressure Measurements. , 2020, , . | | 0 |
| 6 | Automated Load Classification in Smart Micro-grid Systems. Lecture Notes in Computer Science, 2020, , 59-66. | 1.3 | 0 |
| 7 | A Review of Utility and Cost Functions Used in Frontier-Based Exploration Algorithms. , 2020, , . | | 3 |
| 8 | A Comparison about the Reflectivity of Different Materials with Active Sensors. , 2020, , . | | 2 |
| 9 | Energy Harvesting Approaches For Wireless Sensor Nodes In High Voltage Direct Current Systems. , 2019, , . | | 3 |
| 10 | Review of UHF-Based Signal Processing Approaches for Partial Discharge Detection. Lecture Notes in Computer Science, 2018, , 219-226. | 1.3 | 6 |
| 11 | Spectral estimation for long-term evolution transceivers using low-complex filter banks. Journal of Engineering, 2014, 2014, 265-274. | 1.1 | 2 |
| 12 | Generic low complex filter bank based spectrum sensing approach for LTE cognitive radio. , 2012, , . | | 2 |
| 13 | Overview on energy detection based spectral estimation approaches in communication systems. , 2012, , . | | 2 |
| 14 | Output-to-spectrum assignment algorithm for a LTE Cognitive Radio filter bank. , 2011, , . | | 5 |
| 15 | Multiplier free filter bank based concept for blocker detection in LTE systems. , 2011, , . | | 3 |
| 16 | Simulation environment for blocker detection in LTE systems. , 2011, , . | | 5 |
| 17 | Advanced filter bank based approach for blocker detection in LTE systems. , 2011, , . | | 10 |
| 18 | Hardware-software co-simulation environment for a multiplier free blocker detection approach for LTE systems. , 2011, , . | | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|--|----|-----------|
| 19 | Estimating complexity in multi rate systems. , 2010, , . | | 8 |