

# Yacine Terriche

## List of Publications by Year in descending order

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31  
papers

556  
citations

623734

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642732

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31  
docs citations

31  
times ranked

404  
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy Storage Systems for Shipboard Microgrids—A Review. <i>Energies</i> , 2018, 11, 3492.	3.1	92
2	Offshore Wind Farm-Grid Integration: A Review on Infrastructure, Challenges, and Grid Solutions. <i>IEEE Access</i> , 2021, 9, 102811-102827.	4.2	50
3	Future Greener Seaports: A Review of New Infrastructure, Challenges, and Energy Efficiency Measures. <i>IEEE Access</i> , 2021, 9, 75568-75587.	4.2	47
4	Performance improvement of shunt active power filter based on non-linear least-square approach. <i>Electric Power Systems Research</i> , 2018, 160, 44-55.	3.6	36
5	Fault Management in DC Microgrids: A Review of Challenges, Countermeasures, and Future Research Trends. <i>IEEE Access</i> , 2021, 9, 128032-128054.	4.2	30
6	A Communication-Less Multimode Control Approach for Adaptive Power Sharing in Ship-Based Seaport Microgrid. <i>IEEE Transactions on Transportation Electrification</i> , 2021, 7, 3070-3082.	7.8	28
7	Adaptive CDSC-Based Open-Loop Synchronization Technique for Dynamic Response Enhancement of Active Power Filters. <i>IEEE Access</i> , 2019, 7, 96743-96752.	4.2	27
8	Matrix pencil method-based reference current generation for shunt active power filters. <i>IET Power Electronics</i> , 2018, 11, 772-780.	2.1	25
9	Control of Hybrid Diesel/PV/Battery/Ultra-Capacitor Systems for Future Shipboard Microgrids. <i>Energies</i> , 2019, 12, 3460.	3.1	22
10	Fractional-Order PID Controllers for Temperature Control: A Review. <i>Energies</i> , 2022, 15, 3800.	3.1	22
11	Review of Dynamic Positioning Control in Maritime Microgrid Systems. <i>Energies</i> , 2020, 13, 3188.	3.1	19
12	Multiple-Complex Coefficient-Filter-Based PLL for Improving the Performance of Shunt Active Power Filter under Adverse Grid Conditions. , 2018, , .		15
13	A Hybrid Compensator Configuration for VAR Control and Harmonic Suppression in All-Electric Shipboard Power Systems. <i>IEEE Transactions on Power Delivery</i> , 2020, 35, 1379-1389.	4.3	15
14	Space Microgrids: New Concepts on Electric Power Systems for Satellites. <i>IEEE Electrification Magazine</i> , 2020, 8, 8-19.	1.8	15
15	Adaptive Power Management of Hierarchical Controlled Hybrid Shipboard Microgrids. <i>IEEE Access</i> , 2022, 10, 21397-21411.	4.2	15
16	A Cascaded H-Bridge With Integrated Boosting Circuit. <i>IEEE Transactions on Power Electronics</i> , 2021, 36, 18-22.	7.9	13
17	Identifiability Evaluation of Crucial Parameters for Grid Connected Photovoltaic Power Plants Design Optimization. <i>IEEE Access</i> , 2021, 9, 108754-108771.	4.2	11
18	Deep Learning-Based Probabilistic Autoencoder for Residential Energy Disaggregation: An Adversarial Approach. <i>IEEE Transactions on Industrial Informatics</i> , 2022, 18, 8399-8408.	11.3	11

#	ARTICLE	IF	CITATIONS
19	A Frequency Independent Technique to Estimate Harmonics and Interharmonics in Shipboard Microgrids. IEEE Transactions on Smart Grid, 2022, 13, 888-899.	9.0	10
20	Effective Controls of Fixed Capacitor-Thyristor Controlled Reactors for Power Quality Improvement in Shipboard Microgrids. IEEE Transactions on Industry Applications, 2021, 57, 2838-2849.	4.9	8
21	Dynamic and Steady-State Power-Sharing Control of High-Efficiency DC Shipboard Microgrid Supplied by Diesel Generators. IEEE Systems Journal, 2022, 16, 4595-4606.	4.6	8
22	A Resolution-Enhanced Sliding Matrix Pencil Method for Evaluation of Harmonics Distortion in Shipboard Microgrids. IEEE Transactions on Transportation Electrification, 2020, 6, 1290-1300.	7.8	7
23	Effective and low-cost passive compensator system to improve the power quality of two electric generators. IET Power Electronics, 2019, 12, 1833-1840.	2.1	6
24	Hybrid Energy Storage Systems for Voltage Stabilization in Shipboard Microgrids. , 2019, , .		6
25	A Deep Learning Method for Short-Term Dynamic Positioning Load Forecasting in Maritime Microgrids. Applied Sciences (Switzerland), 2020, 10, 4889.	2.5	6
26	Battery Energy Storage Systems for Mitigating Fluctuations Caused by Pulse Loads and Propulsion Motors in Shipboard Microgrids. , 2019, , .		3
27	Voltage quality improvement in electrical distribution networks using dynamic voltage restorers: design, simulation and experimental tests of a robust controller. Electrical Engineering, 2021, 103, 1661-1678.	2.0	3
28	More in-depth analytical investigations of two Effective Harmonics Filters for More Electric Marine Vessel Applications. , 2019, , .		2
29	Design of Cost-Effective Compensators to Enhance Voltage Stability and Harmonics Contamination of High-Power More Electric Marine Vessels. IEEE Transactions on Industry Applications, 2021, 57, 4130-4142.	4.9	2
30	Power quality assessment using signal periodicity independent algorithms “ A shipboard microgrid case study. Applied Energy, 2022, 307, 118151.	10.1	2
31	Harmonics Rejection Capability Enhancement of Passive Power Filters for All-Electric-Shipboard Micro-Grids. , 2020, , .		0