

# Shuang Feng

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23  
papers

154  
citations

9  
h-index

11  
g-index

23  
ext. papers

224  
ext. citations

4  
avg, IF

3.22  
L-index

#	Paper	IF	Citations
23	A two-stage deep transfer learning for localisation of forced oscillations disturbance source. <i>International Journal of Electrical Power and Energy Systems</i> , <b>2022</b> , 135, 107577	5.1	1
22	Accurate Modeling of PLL With Frequency-Adaptive Prefilter: On the Positive Feedback Effect. <i>IEEE Transactions on Power Electronics</i> , <b>2021</b> , 1-1	7.2	1
21	Stability Analysis of Integrated Wind Power System Based on Zeros Identification of Reduced-Order Impedance Model in Sub-bands. <i>IEEE Transactions on Sustainable Energy</i> , <b>2021</b> , 1-1	8.2	
20	Model-Free Adaptive Control of STATCOM for SSO Mitigation in DFIG-Based Wind Farm. <i>IEEE Transactions on Power Systems</i> , <b>2021</b> , 1-1	7	6
19	A Simple Modulation Scheme With Zero Common-Mode Voltage and Improved Efficiency for Direct Matrix Converter-Fed PMSM Drives. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , <b>2020</b> , 8, 3712-3722	5.6	17
18	Steady-State Error Suppression and Simplified Implementation of Direct Source Current Control for Matrix Converter With Model Predictive Control. <i>IEEE Transactions on Power Electronics</i> , <b>2020</b> , 35, 3183-3194	7.2	11
17	An Improved Three-Phase Buck Rectifier Topology With Reduced Voltage Stress on Transistors. <i>IEEE Transactions on Power Electronics</i> , <b>2020</b> , 35, 2458-2466	7.2	9
16	An Accurate Forced Oscillation Location and Participation Assessment Method for DFIG Wind Turbine. <i>IEEE Access</i> , <b>2019</b> , 7, 130505-130514	3.5	4
15	Evaluation and Improvement of Active Stabilization Method for Matrix Converter Under Input Voltage Disturbances. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , <b>2019</b> , 7, 1116-1125	5.6	2
14	. <i>IEEE Access</i> , <b>2019</b> , 7, 97001-97012	3.5	5
13	Input Disturbance Suppression for Unidirectional Matrix Converter with a Stability-Enhancing Modulation Scheme. <i>Energies</i> , <b>2019</b> , 12, 2625	3.1	0
12	Identification of Low Frequency Oscillations Based on Multidimensional Features and Relief-mRMR. <i>Energies</i> , <b>2019</b> , 12, 2762	3.1	3
11	Reduction of Prediction Errors for the Matrix Converter with an Improved Model Predictive Control. <i>Energies</i> , <b>2019</b> , 12, 3029	3.1	4
10	Design Considerations of Switched Flux Memory Machine with Partitioned Stators. <i>Energies</i> , <b>2019</b> , 12, 3868	3.1	
9	A Hybrid Predictive Control for a Current Source Converter in an Aircraft DC Microgrid. <i>Energies</i> , <b>2019</b> , 12, 4025	3.1	4
8	Mitigation of power system forced oscillations based on unified power flow controller. <i>Journal of Modern Power Systems and Clean Energy</i> , <b>2019</b> , 7, 99-112	4	11
7	Mitigation of Power System Forced Oscillations: An E-STATCOM Approach. <i>IEEE Access</i> , <b>2018</b> , 6, 31599-31608	3.5	16

6	A Two-Level Forced Oscillations Source Location Method Based on Phasor and Energy Analysis. <i>IEEE Access</i> , <b>2018</b> , 6, 44318-44327	3.5	16
5	Suppression of power system forced oscillations based on PSS with proportional-resonant controller. <i>International Transactions on Electrical Energy Systems</i> , <b>2017</b> , 27, e2328	2.2	12
4	Distributed Coordination Load Shedding of Islanded Microgrids Based on Sub-Gradient Algorithm. <i>IEEE Access</i> , <b>2017</b> , 5, 27879-27886	3.5	7
3	An SSR multichannel damping control scheme for TCSC considering multiple operating conditions. <i>International Transactions on Electrical Energy Systems</i> , <b>2016</b> , 26, 2759-2773	2.2	4
2	Optimal Real-Time Scheduling of Wind Integrated Power System Presented with Storage and Wind Forecast Uncertainties. <i>Energies</i> , <b>2015</b> , 8, 1080-1100	3.1	11
1	Robust design method for power oscillation damping controller of STATCOM based on residue and TLS-ESPRIT. <i>International Transactions on Electrical Energy Systems</i> , <b>2014</b> , 24, 1385-1400	2.2	10