

# Hemant Saxena

## 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.

10  
papers

34  
citations

4  
h-index

5  
g-index

12  
ext. papers

66  
ext. citations

2.1  
avg, IF

2.44  
L-index

#	Paper	IF	Citations
10	Enhanced Third-Order Generalized Integrator-Based Grid Synchronization Technique for DC-Offset Rejection and Precise Frequency Estimation. <i>Arabian Journal for Science and Engineering</i> , <b>2021</b> , 46, 9753-9762	2.5	0
9	Analysis of SOGI-ROGI for synchronization and shunt active filtering under distorted grid condition. <i>ISA Transactions</i> , <b>2021</b> , 109, 380-388	5.5	2
8	Design and performance analysis of improved Adaline technique for synchronization and load compensation of grid-tied photovoltaic system. <i>International Transactions on Electrical Energy Systems</i> , <b>2020</b> , 30, e12388	2.2	4
7	Adaptive spline-based PLL for synchronisation and power quality improvement in distribution system. <i>IET Generation, Transmission and Distribution</i> , <b>2020</b> , 14, 1311-1319	2.5	7
6	Real-time implementation of active shunt compensator with adaptive SRLMMN control technique for power quality improvement in the distribution system. <i>IET Generation, Transmission and Distribution</i> , <b>2020</b> , 14, 1598-1606	2.5	9
5	Design and analysis of different PLLs as load compensation techniques in 1- $\phi$ grid-tied PV system. <i>International Journal of Electronics</i> , <b>2019</b> , 106, 1632-1659	1.2	5
4	Application of Time Delay Recurrent Neural Network for Shunt Active Power Filter in 3-Phase Grid-tied PV System <b>2019</b> ,		1
3	Design and performance analysis of generalised integrator-based controller for grid connected PV system. <i>International Journal of Electronics</i> , <b>2018</b> , 105, 1079-1096	1.2	6
2	PV integrated grid synchronization technique using modified SOGI-FLL and zero-crossing detector. <i>Electrical Engineering</i> , 1	1.5	0
1	RNN based Control Algorithm for Power Quality Improvement in PV Integrated Distribution System. <i>Electric Power Components and Systems</i> , 1-11	1	