

# Nagesh Prabhu

## List of Publications by Year in descending order

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42  
papers

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43  
all docs

43  
docs citations

43  
times ranked

359  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and Performance Evaluation of Subsynchronous Damping Controller With STATCOM. IEEE Transactions on Power Delivery, 2006, 21, 1398-1405.	4.3	167
2	Investigation of Subsynchronous Resonance With VSC-Based HVDC Transmission Systems. IEEE Transactions on Power Delivery, 2009, 24, 433-440.	4.3	82
3	Damping of SSR Using Subsynchronous Current Suppressor With SSSC. IEEE Transactions on Power Systems, 2013, 28, 64-74.	6.5	69
4	Modelling, control design and analysis of VSC based HVDC transmission systems. , 0, , .		42
5	Investigation of SSR characteristics of unified power flow controller. Electric Power Systems Research, 2005, 74, 211-221.	3.6	29
6	Analysis of subsynchronous resonance with three level twelve-pulse VSC based SSSC. , 0, , .		18
7	Analysis of SSR With Three-Level Twelve-Pulse VSC-Based Interline Power-Flow Controller. IEEE Transactions on Power Delivery, 2007, 22, 1688-1695.	4.3	16
8	Adaptive Distance Protection for Transmission Lines Incorporating SSSC With Energy Storage Device. IEEE Access, 2020, 8, 156017-156026.	4.2	16
9	A review on damping of torsional interactions using VSC based FACTS and subsynchronous damping controller. Annual Reviews in Control, 2018, 46, 251-264.	7.9	15
10	Mitigation of SSR by Subsynchronous Current Injection with VSC HVDC. International Journal of Electrical Power and Energy Systems, 2014, 57, 287-297.	5.5	14
11	Analysis of subsynchronous resonance with generalized unified power flow controller. International Journal of Electrical Power and Energy Systems, 2013, 53, 623-631.	5.5	13
12	Damping of subsynchronous oscillations using STATCOM - a FACTS controller. , 0, , .		11
13	Ziegler Nichols method based Robust reactive current controller for STATCOM. Energy Procedia, 2017, 117, 543-550.	1.8	11
14	Design of Robust Current Controller Using GA for Three Level 24-Pulse VSC Based STATCOM. Journal of Power Electronics, 2011, 11, 375-380.	1.5	10
15	Damping of subsynchronous resonance by subsynchronous current injector with STATCOM. , 2009, , .		7
16	Wavelet transform-based protection of transmission line incorporating SSSC with energy storage device. Electrical Engineering, 2020, 102, 1593-1604.	2.0	7
17	Analysis and Performance evaluation of Type 1 Fuzzy Reactive Current Controller with STATCOM. Energy Procedia, 2017, 117, 551-558.	1.8	6
18	Investigation of SSR Characteristics of Hybrid Series Compensated Power System with SSSC. Advances in Power Electronics, 2011, 2011, 1-8.	0.8	5

#	ARTICLE	IF	CITATIONS
19	Synchronous reference frame based transformerless single phase grid tie inverter for DC bus power evacuation. , 2016, , .		5
20	Low Frequency Oscillation Detection in Smart Power System using Refined Prony Analysis for Optimal Allocation of Supplementary Modulation Controller. , 2019, , .		4
21	Design of Robust Current Controller for Two-Level 12-Pulse VSC-based STATCOM. Advances in Power Electronics, 2011, 2011, 1-7.	0.8	3
22	Design of robust controller for VSC based HVDC using Genetic Algorithm. , 2014, , .		3
23	Investigations on stability of a hybrid series compensated system with SSSC - ES. , 2015, , .		3
24	Performance Analysis of Data-Driven Techniques for Detection and Identification of Low Frequency Oscillations in Multimachine Power System. IEEE Access, 2021, 9, 133416-133437.	4.2	3
25	Performance of STATCOM-ES in Mitigating SSR. International Journal of Power Electronics and Drive Systems, 2017, 8, 1822.	0.6	3
26	Design and performance evaluation of subsynchronous current suppressor with SSSC. , 2009, , .		2
27	Hopf bifurcations of Subsynchronous resonance in a hybrid series compensated system with SSSC-ES. , 2015, , .		2
28	Demand side management and load voltage regulation using electric Spring. , 2016, , .		2
29	Control design and performance evaluation of energy source interfaced DSTATCOM. , 2007, , .		2
30	Emulated reactance and resistance by a SSSC incorporating energy storage device. International Journal of Electrical and Computer Engineering, 2019, 9, 840.	0.7	2
31	Energy function based Fuzzy Logic Discrete control with STATCOM for stability improvement. , 2014, , .		1
32	Control of Bifurcation in a VSC Based STATCOM. Procedia Technology, 2015, 21, 187-195.	1.1	1
33	Effect of STATCOM with ES on Distance Relay Operation in a Series Compensated System. Procedia Technology, 2015, 21, 196-203.	1.1	1
34	Impact of SSSC-ES on Bifurcations of SSR. Energy Procedia, 2017, 117, 559-566.	1.8	1
35	Performance Analysis of Fuel Cell DSTATCOM. , 2019, , .		1
36	Control of catastrophic bifurcations of SSR in a hybrid series compensated system. Nonlinear Dynamics, 2019, 95, 971-981.	5.2	1

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37	Energy function based Fuzzy Logic Discrete control with SSSC for stability improvement. , 2014, , .		0
38	Bifurcation Analysis of a Series Compensated System with STATCOM-ES. Procedia Technology, 2015, 21, 360-367.	1.1	0
39	Standalone single phase photo voltaic system as on-grid reactive power compensator. , 2015, , .		0
40	Performance Evaluation of Knowledge-Based Reactive Current Controllers for STATCOM. Lecture Notes in Electrical Engineering, 2022, , 343-354.	0.4	0
41	Analysis and Damping of Subsynchronous Oscillations Using STATCOM. Power Systems, 2015, , 557-593.	0.5	0
42	Wavelet Transform based Protection of Transmission Lines with Four Quadrant Operation of STATCOM. International Journal of Recent Technology and Engineering, 2019, 8, 4713-4719.	0.2	0