

Nagesh Prabhu

List of Publications by Year in descending order

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359
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#	ARTICLE	IF	CITATIONS
1	Performance Evaluation of Knowledge-Based Reactive Current Controllers for STATCOM. Lecture Notes in Electrical Engineering, 2022, , 343-354.	0.4	0
2	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
3	Adaptive Distance Protection for Transmission Lines Incorporating SSSC With Energy Storage Device. IEEE Access, 2020, 8, 156017-156026.	4.2	16
4	Wavelet transform-based protection of transmission line incorporating SSSC with energy storage device. Electrical Engineering, 2020, 102, 1593-1604.	2.0	7
5	Low Frequency Oscillation Detection in Smart Power System using Refined Prony Analysis for Optimal Allocation of Supplementary Modulation Controller. , 2019, , .		4
6	Performance Analysis of Fuel Cell DSTATCOM. , 2019, , .		1
7	Control of catastrophic bifurcations of SSR in a hybrid series compensated system. Nonlinear Dynamics, 2019, 95, 971-981.	5.2	1
8	Emulated reactance and resistance by a SSSC incorporating energy storage device. International Journal of Electrical and Computer Engineering, 2019, 9, 840.	0.7	2
9	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
10	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
11	Ziegler Nichols method based Robust reactive current controller for STATCOM. Energy Procedia, 2017, 117, 543-550.	1.8	11
12	Impact of SSSC-ES on Bifurcations of SSR. Energy Procedia, 2017, 117, 559-566.	1.8	1
13	Analysis and Performance evaluation of Type 1 Fuzzy Reactive Current Controller with STATCOM. Energy Procedia, 2017, 117, 551-558.	1.8	6
14	Performance of STATCOM-ES in Mitigating SSR. International Journal of Power Electronics and Drive Systems, 2017, 8, 1822.	0.6	3
15	Synchronous reference frame based transformerless single phase grid tie inverter for DC bus power evacuation. , 2016, , .		5
16	Demand side management and load voltage regulation using electric Spring. , 2016, , .		2
17	Control of Bifurcation in a VSC Based STATCOM. Procedia Technology, 2015, 21, 187-195.	1.1	1
18	Investigations on stability of a hybrid series compensated system with SSSC - ES. , 2015, , .		3

#	ARTICLE	IF	CITATIONS
19	Hopf bifurcations of Subsynchronous resonance in a hybrid series compensated system with SSSC-ES. , 2015, , .		2
20	Effect of STATCOM â€“ ES on Distance Relay Operation in a Series Compensated System. Procedia Technology, 2015, 21, 196-203.	1.1	1
21	Bifurcation Analysis of a Series Compensated System with STATCOM-ES. Procedia Technology, 2015, 21, 360-367.	1.1	0
22	Standalone single phase photo voltaic system as on-grid reactive power compensator. , 2015, , .		0
23	Analysis and Damping of Subsynchronous Oscillations Using STATCOM. Power Systems, 2015, , 557-593.	0.5	0
24	Energy function based Fuzzy Logic Discrete control with SSSC for stability improvement. , 2014, , .		0
25	Design of robust controller for VSC based HVDC using Genetic Algorithm. , 2014, , .		3
26	Energy function based Fuzzy Logic Discrete control with STATCOM for stability improvement. , 2014, , .		1
27	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
28	Damping of SSR Using Subsynchronous Current Suppressor With SSSC. IEEE Transactions on Power Systems, 2013, 28, 64-74.	6.5	69
29	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
30	Design of Robust Current Controller for Two-Level 12-Pulse VSC-based STATCOM. Advances in Power Electronics, 2011, 2011, 1-7.	0.8	3
31	Investigation of SSR Characteristics of Hybrid Series Compensated Power System with SSSC. Advances in Power Electronics, 2011, 2011, 1-8.	0.8	5
32	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
33	Design and performance evaluation of subsynchronous current suppressor with SSSC. , 2009, , .		2
34	Damping of subsynchronous resonance by subsynchronous current injector with STATCOM. , 2009, , .		7
35	Investigation of Subsynchronous Resonance With VSC-Based HVDC Transmission Systems. IEEE Transactions on Power Delivery, 2009, 24, 433-440.	4.3	82
36	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

#	ARTICLE	IF	CITATIONS
37	Control design and performance evaluation of energy source interfaced DSTATCOM. , 2007, , .		2
38	Design and Performance Evaluation of Subsynchronous Damping Controller With STATCOM. IEEE Transactions on Power Delivery, 2006, 21, 1398-1405.	4.3	167
39	Investigation of SSR characteristics of unified power flow controller. Electric Power Systems Research, 2005, 74, 211-221.	3.6	29
40	Analysis of subsynchronous resonance with three level twelve-pulse VSC based SSSC. , 0, , .		18
41	Damping of subsynchronous oscillations using STATCOM - a FACTS controller. , 0, , .		11
42	Modelling, control design and analysis of VSC based HVDC transmission systems. , 0, , .		42