

# Mostafa Parniani

## List of Publications by Year in descending order

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266  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transient Performance Improvement of Wind Turbines With Doubly Fed Induction Generators Using Nonlinear Control Strategy. IEEE Transactions on Energy Conversion, 2010, 25, 514-525.	5.2	95
2	Modeling and Control of Variable Speed Wind Turbine Generators for Frequency Regulation. IEEE Transactions on Sustainable Energy, 2020, 11, 916-927.	8.8	28
3	Optimal Cost of Voltage Security Control Using Voltage Dependent Load Models in Presence of Demand Response. IEEE Transactions on Smart Grid, 2019, 10, 2383-2395.	9.0	27
4	Enhanced Hybrid Modular Multilevel Converter With Improved Reliability and Performance Characteristics. IEEE Transactions on Power Electronics, 2019, 34, 3139-3149.	7.9	20
5	Modified virtual inertial controller for prudential participation of DFIG-based wind turbines in power system frequency regulation. IET Renewable Power Generation, 2019, 13, 155-164.	3.1	19
6	Non-Stationary Stabilized Fast Transversal RLS Filter for Online Power System Modal Estimation. IEEE Transactions on Power Systems, 2019, 34, 2744-2754.	6.5	10
7	An Open-Water Efficiency Based Speed Change Strategy With Propeller Lifespan Enhancement in All-Electric Ships. IEEE Access, 2021, 9, 22595-22604.	4.2	8
8	A modified indirect model predictive control for modular multilevel converters. , 2017, , .		6
9	Stability assessment of DFIG-based wind turbines equipped with modified virtual inertial controller under variable wind speed conditions. , 2017, , .		3
10	Damping inter-area Oscillations using Restructuring Corrective Actions. , 2018, , .		3
11	Improved Generic Model of Variable Speed Wind Turbines for Dynamic Studies. IEEE Transactions on Sustainable Energy, 2020, 11, 2162-2173.	8.8	3
12	An analytic methodology to determine generators redispatch for proactive damping of critical electromechanical oscillations. International Journal of Electrical Power and Energy Systems, 2020, 123, 106301.	5.5	3
13	Modeling In-and-Out-of-Water Impact on All-Electric Ship Power System Considering Propeller Submergence in Waves. , 2021, , .		3
14	A comprehensive theoretical approach for analysing manoeuvring effects on ships by integrating hydrodynamics and power system. IET Electrical Systems in Transportation, 2022, 12, 89-101.	2.4	3
15	Analysis of All-Electric Ship Motions Impact on PV System Output Power in Waves. , 2022, , .		3
16	Small-Signal Stability Analysis of DFIG-based Wind Turbines Equipped with Auxiliary Control Systems under Variable Wind Speed. , 2020, , .		1
17	Performance improvement of steady-state and transient operation of offshore wind farm HVDC power transmission. , 2015, , .		0