

Omid Beik

List of Publications by Year in descending order

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26
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26
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26
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145
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Voltage Hybrid Generator and Conversion System for Wind Turbine Applications. IEEE Transactions on Industrial Electronics, 2018, 65, 3220-3229.	7.9	34
2	An Offshore Wind Generation Scheme With a High-Voltage Hybrid Generator, HVDC Interconnections, and Transmission. IEEE Transactions on Power Delivery, 2016, 31, 867-877.	4.3	30
3	Design of a Multiphase Hybrid Permanent Magnet Generator for Series Hybrid EV. IEEE Transactions on Energy Conversion, 2018, 33, 1499-1507.	5.2	26
4	Parallel Nine-Phase Generator Control in a Medium-Voltage DC Wind System. IEEE Transactions on Industrial Electronics, 2020, 67, 8112-8122.	7.9	23
5	Active and Passive Control of a Dual Rotor Wind Turbine Generator for DC Grids. IEEE Access, 2021, 9, 1987-1995.	4.2	23
6	Modulation and Voltage Balancing of a Five-Level Series-Connected Multilevel Inverter With Reduced Isolated Direct Current Sources. IEEE Transactions on Industrial Electronics, 2020, 67, 8219-8230.	7.9	22
7	Multiphase machines for electric vehicle traction. , 2014, , .		15
8	DC Wind Generation Systems. , 2020, , .		15
9	Design Optimization of a PM Motor: A Practical Approach for Mass Production. IEEE Transactions on Energy Conversion, 2020, 35, 1849-1858.	5.2	13
10	BLDC Motor Drives: A Single Hall Sensor Method and a 160° Commutation Strategy. IEEE Transactions on Energy Conversion, 2021, 36, 2025-2035.	5.2	13
11	Wind turbine multiphase operational trajectory in an all-DC wind generation system. IET Renewable Power Generation, 2020, 14, 2916-2923.	3.1	13
12	Characterization of a Hybrid PM Generator Using a 32-Phase Brushless Excitation Scheme. IEEE Transactions on Energy Conversion, 2019, 34, 1391-1400.	5.2	12
13	A Wind Turbine Generator Design and Optimization for DC Collector Grids. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 484-493.	5.4	12
14	ICE/HPM generator range extender for a series hybrid EV powertrain. IET Electrical Systems in Transportation, 2020, 10, 96-104.	2.4	11
15	Hybrid generator for wind generation systems. , 2014, , .		10
16	A new modular neutral point clamped converter with space vector modulation control. , 2018, , .		9
17	Design of a 5-Phase IPM Machine for Electric Vehicles. , 2018, , .		9
18	Wind Turbine Productivity and Wind Energy Assessment: An Ontario Case Study. , 2020, , .		7

#	ARTICLE	IF	CITATIONS
19	Variable speed brushless hybrid permanent magnet generator for hybrid electric vehicles. , 2014, , .		5
20	Operational Envelope of an Electric Transmission Auxiliary System. IEEE Transactions on Energy Conversion, 2020, 35, 1513-1521.	5.2	5
21	Comparison of Active and Passive 9-Phase Wind Turbine Conversion System for an all DC Grid. , 2021, , .		5
22	Proposed Wind Turbine Limited- and High-Speed Operation. , 2020, , .		2
23	Operation and Characterization of Multiphase HPM Generator in SHEV Powertrain. , 2022, , 171-206.		0
24	Multiphase HPM Generator Systems. , 2022, , 95-142.		0