

Mehmet BÃ¼yÃ¼k

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

513
citations

1478505

6
h-index

1474206

9
g-index

16
all docs

16
docs citations

16
times ranked

375
citing authors

#	ARTICLE	IF	CITATIONS
1	A review and research on fuel cell electric vehicles: Topologies, power electronic converters, energy management methods, technical challenges, marketing and future aspects. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 137, 110648.	16.4	257
2	Topologies, generalized designs, passive and active damping methods of switching ripple filters for voltage source inverter: A comprehensive review. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 62, 46-69.	16.4	83
3	Design and analysis of fuel cell vehicle-to-grid (FCV2G) system with high voltage conversion interface for sustainable energy production. <i>Sustainable Cities and Society</i> , 2021, 67, 102753.	10.4	42
4	Improved instantaneous power theory based current harmonic extraction for unbalanced electrical grid conditions. <i>Electric Power Systems Research</i> , 2019, 177, 106014.	3.6	35
5	Design and analysis of a high energy efficient multi-port dc-dc converter interface for fuel cell/battery electric vehicle-to-home (V2H) system. <i>Journal of Energy Storage</i> , 2022, 45, 103755.	8.1	22
6	A notch filter based active damping of llcl filter in shunt active power filter. , 2017, , .		12
7	Improved adaptive notch filter-based active damping method for shunt active power filter with LCL-filter. <i>Electrical Engineering</i> , 2018, 100, 2037-2049.	2.0	12
8	Analysis and comparison of passive damping methods for shunt active power filter with output LCL filter. , 2015, , .		11
9	Analysis and modeling of wireless power transfer supported by quadratic boost converter interfaced fuel cell power source. <i>International Journal of Numerical Modelling: Electronic Networks, Devices and Fields</i> , 2022, 35, .	1.9	10
10	Overview of smart home concepts through energy management systems, numerical research, and future perspective. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, 1-26.	2.3	7
11	Survey of inverter topologies implemented in dynamic voltage restorers. , 2017, , .		6
12	Resonance suppression of LCL filter for shunt active power filter via active damper. <i>International Journal of Electrical Power and Energy Systems</i> , 2022, 134, 107389.	5.5	6
13	EPLL based controller for voltage harmonic mitigation in grid connected wind systems. , 2017, , .		4
14	FFT based reference signal generation to compensate simultaneous voltage sag/swell and voltage harmonics. , 2016, , .		3
15	Multipurpose Compensation Scheme for Voltage Sag/Swell and Selective Harmonics Elimination in Distribution Systems. <i>Advances in Electrical and Electronic Engineering</i> , 2018, 16, .	0.3	2
16	Performance evaluation of LLCL filter for active power filter. , 2016, , .		1