

Bilal Gumus

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

112
citations

1684188

5
h-index

1588992

8
g-index

19
all docs

19
docs citations

19
times ranked

106
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of Stator Winding Inter-Turn Short Circuit Faults in Permanent Magnet Synchronous Motors and Automatic Classification of Fault Severity via a Pattern Recognition System. Journal of Electrical Engineering and Technology, 2016, 11, 416-424.	2.0	17
2	Analysis of stator inter-turn short-circuit fault signatures for inverter-fed permanent magnet synchronous motors. , 2016, , .		14
3	Sensorless vector control of a Permanent magnet synchronous motor with fuzzy logic observer. Electrical Engineering, 2006, 88, 395-402.	2.0	12
4	Position control of induction motor a new bounded fuzzy sliding mode controller. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2005, 24, 145-157.	0.9	11
5	A new approach to detect stator fault in permanent magnet synchronous motors. , 2015, , .		10
6	Determining Optimal SVC Location for Voltage Stability Using Multi-Criteria Decision Making Based Solution: Analytic Hierarchy Process (AHP) Approach. IEEE Access, 2021, 9, 143166-143180.	4.2	8
7	The transient and steady state performance of single-phase induction motor with two capacitors fed by matrix converter. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 1998, 17, 296-301.	0.9	6
8	Stability Analysis of Islanded Microgrid with EVs. , 2018, , .		6
9	Time dependent prediction of monthly global solar radiation and sunshine duration using exponentially weighted moving average in southeastern of Turkey. Thermal Science, 2018, 22, 943-951.	1.1	6
10	Safety climate in marble industry and its influence on safety performance and occupational accidents. Archives of Environmental and Occupational Health, 2023, 78, 48-59.	1.4	5
11	Investigation of the effect of short term environmental contamination on energy production in photovoltaic panels: Dicle University solar power plant example. Applied Solar Energy (English) Tj ETQq1 1 0.7843146gBT / Overlock 10		5
12	Analysis of Induction Motor-pump System Supplied by a Photovoltaic Generator for Agricultural Irrigation in Southeastern Anatolian Region of Turkey. Journal of Electrical Engineering and Technology, 2015, 10, 777-785.	2.0	3
13	Chaotic analysis of the global solar irradiance. , 2017, , .		2
14	Fault Detection in Photovoltaic Arrays via Sparse Representation Classifier. , 2020, , .		2
15	Åžebekeye BaÄYÄ± GÄ¼neÄY Enerjisi Santrallerinin Harmoniklerine Etki Eden Parametrelerin AraÄYtÄ±rÄ±lmasÄ±. DÄœMF MÄ¼hendislik Dergisi, 2019, 10, 919-931.	0.2	2
16	Study of Different ANN Algorithms for Voltage Stability Analysis. , 2020, , .		2
17	Permanent magnet synchronous motor's sensorless vector control with artificial neural network observer. , 2007, , .		1
18	FAULT DETECTION IN PHOTOVOLTAIC ARRAYS: A ROBUST REGULARIZED MACHINE LEARNING APPROACH. Dyna (Spain), 2020, 95, 622-628.	0.2	1

#	ARTICLE	IF	CITATIONS
19	Analysis of Permanent Magnet Synchronous Motor Current in Healthy and Short Circuit Failure Cases With Discrete Wavelet Transform. , 2019, , .		0