

# Ires Iskender

## List of Publications by Year in descending order

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16  
papers

155  
citations

1478505

6  
h-index

1474206

9  
g-index

16  
all docs

16  
docs citations

16  
times ranked

143  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electromagnetic force investigation on distribution transformer under unbalanced faults based on time stepping finite element methods. International Journal of Electrical Power and Energy Systems, 2016, 76, 147-155.	5.5	24
2	Evaluating and derating of three-phase distribution transformer under unbalanced voltage and unbalance load using finite element method. , 2014, , .		23
3	An improved nonlinear thermal model for MV/LV prefabricated oil-immersed power transformer substations. Electrical Engineering, 2011, 93, 9-22.	2.0	17
4	Design and analysis of a novel zero-voltage-transition interleaved boost converter for renewable power applications. International Journal of Electronics, 2010, 97, 1051-1070.	1.4	15
5	Steadyâ€state analysis of a novel ZVT interleaved boost converter. International Journal of Circuit Theory and Applications, 2011, 39, 1007-1021.	2.0	13
6	Teaching of power quality phenomenon based on modeling and simulation of boost type PFC converters. Computer Applications in Engineering Education, 2012, 20, 149-160.	3.4	13
7	Dynamic behavior of dc-dc boost converter controlled with cascade PI-ASC. , 2016, , .		12
8	Comparison of core loss and magnetic flux distribution in amorphous and silicon steel core transformers. Electrical Engineering, 2018, 100, 1125-1131.	2.0	8
9	A new approach to reduce the leakage flux and electromagnetic force on distribution transformer under unbalanced faults based on finite element method. International Transactions on Electrical Energy Systems, 2016, 26, 901-916.	1.9	7
10	Optimal tuning of a boost <scp>PFC</scp> converter <scp>PI</scp> controller using heuristic optimization methods. International Transactions on Electrical Energy Systems, 2017, 27, e2458.	1.9	7
11	Evaluation of transformer performance under harmonic load based on 3-D time stepping finite element method. , 2014, , .		5
12	A novel concept for derating of transformer under unbalance voltage in the presence of non linear load by 3-D finite element method. Electrical Engineering, 2015, 97, 45-56.	2.0	5
13	Design aspects of a 26500-rpm: 2-kw high-speed permanent magnet synchronous generator for turbomachinery systems. , 2016, , .		3
14	Estimation of stray loss and leakage flux in the structural Component of 3-phase distribution transformer under unbalanced voltage based on numerical analysis. , 2015, , .		2
15	Analysis of Short Circuit Electromagnetic Force in a Three Winding Transformer Used in Solar System. , 2021, , .		1
16	Amorf Åžekirdekli TransformatÅ¶rÅ¼n Åžoklu Fizik YÅ¶ntemiyle Elektromanyetik - SÅ±caklÅ±k Analizi. Afyon Kocatepe University Journal of Sciences and Engineering, 2021, 21, 1086-1096.	0.2	0