

# Mustafar Kamal Hamzah

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11929606/publications.pdf>

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22  
papers

172  
citations

3311381

1  
h-index

3475538

1  
g-index

22  
all docs

22  
docs citations

22  
times ranked

87  
citing authors

#	ARTICLE	IF	CITATIONS
1	CMOS single-stage input-powered bridge rectifier with boost switch and duty cycle control. International Journal of Electronics, 2017, 104, 1008-1019.	1.4	4
2	A high power factor bidirectional battery charger using single-phase matrix converter. , 2015, , .		3
3	Hysteresis current control for AC-DC converter using single-phase matrix converter fed permanent magnet motor. , 2014, , .		3
4	Investigation of different width size of transistor on internal resistance and output power in CMOS rectifier using two PMOS and NMOS. , 2013, , .		3
5	Effect of swarm size parameter on Binary Particle Swarm optimization-based NARX structure selection. , 2012, , .		10
6	A new safe-commutation technique for AC-DC converter operation using single-phase matrix converter. , 2012, , .		4
7	MySQL database lookup table for Binary Particle Swarm optimization-based system identification. , 2012, , .		1
8	Effect of different widths in CMOS rectifier for low voltage and frequency application. , 2012, , .		3
9	Modeling of AC-DC converter using 0.18 $\mu$ m CMOS technology. , 2012, , .		2
10	AC-DC Single Phase Matrix Converter with a constant power load (CPL). , 2012, , .		5
11	Single-phase matrix converter with reduced switch count operating as buck or boost rectifier. , 2012, , .		5
12	Safe commutation for an AC-DC single phase matrix converter (SPMC) with combination of LC filter and damping resistor. , 2012, , .		4
13	The designs of low power AC-DC converter for power electronics system applications. , 2012, , .		13
14	Passive damping network for a Single Phase Matrix Converter (SPMC) operating as a rectifier. , 2011, , .		4
15	Modeling of electronic transformer design with the implementation of Single-Phase Matrix Converter using MATLAB/Simulink. , 2009, , .		4
16	Constructing the structure of susceptibility to Alzheimer's disease by using biomarkers & risk factors. , 2009, , .		0
17	Comparison of the experimental results of a newly developed interfacing method on a Single-phase Matrix Converter employing safe commutation strategy. , 2009, , .		1
18	A New Single-Phase Controlled Rectifier Using Single-Phase Matrix Converter Topology Incorporating Active Power Filter. , 2007, , .		22

#	ARTICLE	IF	CITATIONS
19	Single-Phase Shunt Active Power Filter Using Boost Rectifier Technique. , 2007, , .		3
20	Application of Single Phase Matrix Converter Topology in Uninterruptible Power Supply Circuit incorporating Unity Power Factor Control. , 2006, , .		8
21	Implementation of a new Single-phase Cycloconverter based on Single-phase Matrix Converter Topology using Sinusoidal Pulse Width Modulation with Passive Load Condit. , 2006, , .		16
22	Implementation of Single-Phase Matrix Converter as a Direct AC-AC Converter with Commutation Strategies. , 0, , .		54