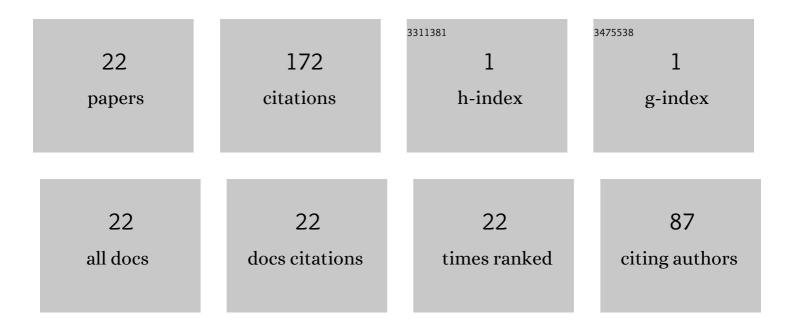
## Mustafar Kamal Hamzah

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Implementation of Single-Phase Matrix Converter as a Direct AC-AC Converter with Commutation Strategies. , 0, , .		54
2	A New Single-Phase Controlled Rectifier Using Single-Phase Matrix Converter Topology Incorporating Active Power Filter. , 2007, , .		22
3	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
4	The designs of low power AC-DC converter for power electronics system applications. , 2012, , .		13
5	Effect of swarm size parameter on Binary Particle Swarm optimization-based NARX structure selection. , 2012, , .		10
6	Application of Single Phase Matrix Converter Topology in Uninterruptible Power Supply Circuit incorporating Unity Power Factor Control. , 2006, , .		8
7	AC-DC Single Phase Matrix Converter with a constant power load (CPL). , 2012, , .		5
8	Single-phase matrix converter with reduced switch count operating as buck or boost rectifier. , 2012, , .		5
9	Modeling of electronic transformer design with the implementation of Single-Phase Matrix Converter using MATLAB/Simulink. , 2009, , .		4
10	Passive damping network for a Single Phase Matrix Converter (SPMC) operating as a rectifier. , 2011, , .		4
11	A new safe-commutation technique for AC-DC converter operation using single-phase matrix converter. , 2012, , .		4
12	Safe commutation for an AC-DC single phase matrix converter (SPMC) with combination of LC filter and damping resistor. , 2012, , .		4
13	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
14	Single-Phase Shunt Active Power Filter Using Boost Rectifier Technique. , 2007, , .		3
15	Effect of different widths in CMOS rectifier for low voltage and frequency application. , 2012, , .		3
16	Investigation of different width size of transistor on internal resistance and output power in CMOS rectifier using two PMOS and NMOS. , 2013, , .		3
17	Hysteresis current control for AC-DC converter using single-phase matrix converter fed permanent magnet motor. , 2014, , .		3
18	A high power factor bidirectional battery charger using single-phase matrix converter. , 2015, , .		3

#	Article	IF	CITATIONS
19	Modeling of AC-DC converter using 0.18 μm CMOS technology. , 2012, , .		2
20	Comparison of the experimental results of a newly developed interfacing method on a Single-phase Matrix Converter employing safe commutation strategy. , 2009, , .		1
21	MySQL database lookup table for Binary Particle Swarm optimization-based system identification. , 2012, , .		1
22	Constructing the structure of susceptibility to Alzheimer's disease by using biomarkers & risk factors. , 2009, , .		0