

# Ping-an Tan

## List of Publications by Year in descending order

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14  
papers

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citations

2258059

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2272923

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14  
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docs citations

14  
times ranked

64  
citing authors

#	ARTICLE	IF	CITATIONS
1	Receiver Position Estimation Method for Multitransmitter WPT System Based on Machine Learning. IEEE Transactions on Industry Applications, 2022, 58, 1231-1241.	4.9	10
2	Unified magnetic field model of regular polygonal coils for electromagnetic assessment in WPT systems. Journal of Power Electronics, 2022, 22, 522-533.	1.5	4
3	Machine learning-based parameter identification method for wireless power transfer systems. Journal of Power Electronics, 2022, 22, 1606-1616.	1.5	2
4	Flexible Combination and Switching Control for Robust Wireless Power Transfer System With Hexagonal Array Coil. IEEE Transactions on Power Electronics, 2021, 36, 3868-3882.	7.9	37
5	A Unified Magnetic Field Model of Regular Polygon Coils for Radiation Analysis in Wireless Power Transfer System. , 2020, , .		1
6	An effective method using duty cycles for assessment of exposure to mobile communication systems. IEEE Electromagnetic Compatibility Magazine, 2019, 8, 57-63.	0.1	0
7	Modeling of Mutual Inductance for Hexagonal Coils with Horizontal Misalignment in Wireless Power Transfer. , 2018, , .		15
8	Modeling and Implementation of Switching Control for Multi-transmitter Wireless Power Transfer. , 2018, , .		4
9	Design and implement an adaptive position adjustment coupler for coil-misaligned inductive contactless power transfer system. , 2017, , .		0
10	Modeling and experimentation of multi-coil switching coupler for wireless power transfer systems. , 2017, , .		8
11	Adjustable coupler for inductive contactless power transfer system to improve lateral misalignment tolerance. , 2016, , .		5
12	Phase compensation, ZVS operation of wireless power transfer system based on SOGI-PLL. , 2016, , .		11
13	Analysis of period-doubling bifurcation and chaos using physics-based SiC diode model. , 2015, , .		1
14	A wavelet based method for modeling and simulation of a SiC BJT. , 2014, , .		0