

# Renjie Hu

## List of Publications by Year in descending order

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16  
papers

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citations

1684188

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162  
citing authors

#	ARTICLE	IF	CITATIONS
1	Zero-current-switching full-bridge DC/DC converter with reduced conduction losses for renewable energy MVDC collection systems. Journal of Power Electronics, 2022, 22, 420-428.	1.5	1
2	Optimal Allocation Method of Residential Air-Conditioners: Trade-Off Solutions Between Economic Costs and Aggregation Reliability. IEEE Open Access Journal of Power and Energy, 2022, 9, 131-142.	3.4	6
3	Salient Object Detection by Fusing Local and Global Contexts. IEEE Transactions on Multimedia, 2021, 23, 1442-1453.	7.2	32
4	A regression approach to zebra crossing detection based on convolutional neural networks. IET Cyber-Systems and Robotics, 2021, 3, 44-52.	1.8	0
5	Block-Based Hough Transform for Recognition of Zebra Crossing in Natural Scene Images. IEEE Access, 2019, 7, 59895-59902.	4.2	9
6	Parallelism Optimized Architecture on FPGA for Real-Time Traffic Light Detection. IEEE Access, 2019, 7, 178167-178176.	4.2	5
7	Robust and fast visual tracking for a ball and plate control system: design, implementation and experimental verification. Multimedia Tools and Applications, 2019, 78, 13279-13295.	3.9	1
8	Fast Vision-Based Pedestrian Traffic Light Detection. , 2018, , .		6
9	Multi-scale deep encoder-decoder network for salient object detection. Neurocomputing, 2018, 316, 95-104.	5.9	11
10	Saliency detection via PageRank and local spline regression. Journal of Electronic Imaging, 2018, 27, 1.	0.9	1
11	Research on power sharing strategy of hybrid energy storage system in photovoltaic power station based on multi-objective optimisation. IET Renewable Power Generation, 2016, 10, 575-583.	3.1	61
12	Balanced supercapacitor energy storage module based on multifunctional ISOS converter. , 2014, , .		3
13	Novel Modeling and Design of a Dual Half Bridge DC-DC Converter Applied in Supercapacitor Energy Storage System. Electric Power Components and Systems, 2014, 42, 1398-1408.	1.8	9
14	Improved performance of a DC/DC converter for supercapacitor energy storage system. , 2013, , .		3
15	The impact of grid negative sequence voltage to STATCOM and control. , 2013, , .		2
16	The PWM phase-shifted plus feed-forward control of the boost converter applied in supercapacitor energy storage system. , 2011, , .		2