Baochen Jiang

List of Publications by Year
in descending order

25 papers	188 citations	1478505 6 h-index	1199594 12 g-index
25 all docs	25 docs citations	25 times ranked	188 citing authors

#	ARTICLE	IF	CITATIONS
1	Estimation of the State of Charge of Lithium Batteries Based on Adaptive Unscented Kalman Filter Algorithm. Electronics (Switzerland), 2020, 9, 1425.	3.1	33
2	Performance Comparisons of Parallel Power Flow Solvers on GPU System. , 2012, , .		28
3	Fault Diagnosis for Wind Turbines Based on ReliefF and eXtreme Gradient Boosting. Applied Sciences (Switzerland), 2020, 10, 3258.	2.5	27
4	Distributed image understanding with semantic dictionary and semantic expansion. Neurocomputing, 2016, 174, 384-392.	5.9	23
5	Robust skin detection in real-world images. Journal of Visual Communication and Image Representation, 2015, 29, 147-152.	2.8	13
6	Design and implementation of the smart meter in vehicle-to-grid. , 2011, , .		12
7	Multi-Objective Optimal Configuration of the CCHP System. Processes, 2020, 8, 351.	2.8	8
8	Shape Adaptive All Phase Biorthogonal Transform and Its Application in Image Coding. Journal of Communications, 2013, 8, 330-336.	1.6	7
9	Power system harmonic analysis based on windowed FFT and wavelet transform. , 2011, , .		6
10	Sampling rate conversion and data synchronization in big merging unit. , 2011, , .		5
11	All Phase Inverse Discrete Sine Biorthogonal Transform and Its Application in Image Coding. Journal of Communications, 2017, , .	1.6	5
12	Color Image Compression Based on Directional All Phase Biorthogonal Transform. International Journal of Multimedia and Ubiquitous Engineering, 2015, 10, 247-254.	0.4	4
13	Large scale image understanding with non-convex multi-task learning. , 2014, , .		3
14	A Control Strategy for Suppressing Zero-Sequence Circulating Current in Paralleled Three-Phase Voltage-Source PWM Converters. Applied Sciences (Switzerland), 2020, 10, 1703.	2.5	3
15	Adaptive Threshold Edge Detection Algorithm Based on APDCSF and Anti-symmetrical Biorthogonal Wavelet Transform. Journal of Communications, 2014, 9, 515-520.	1.6	3
16	Windowed All Phase Biorthogonal Transform and Its Application in JPEG-Like Image Compression. Journal of Communications, 2015, 10, 284-293.	1.6	2
17	Video Compression Based on Wavelet Transform and DBMA with Motion Compensation. Journal of Communications, 2013, 8, 440-448.	1.6	2
18	Research and Implementation on Text-to-Visual Speech Synthesis System (TTVS). , 2010, , .		1

#	Article	IF	Citations
19	Audio Segmentation System for Sport Games. , 2010, , .		1
20	A Novel Deblocking Quantization Table for Luminance Component in Baseline JPEG. Journal of Communications, 2015, , .	1.6	1
21	Mathematical Relation between APBT-Based and DCT-Based JPEG Image Compression Schemes. Journal of Communications, 2016, , .	1.6	1
22	Non-Uniform Based Embedded Chinese TTS. , 2009, , .		0
23	Image coding based on image segmentation and shape adaptive all phase biorthogonal transform. , 2013, , .		0
24	Research and Application of Workflow-based Modeling Approval in Dispatching Automation Master System. International Journal of Control and Automation, 2014, 7, 333-344.	0.3	0
25	An Indirect Measurement Method for Gas Consumption of a Diaphragm Gas Meter Based on Gas Pressure Signal Detection. Applied Sciences (Switzerland), 2019, 9, 2475.	2.5	0