

Li-Wei Kang

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,628
citations

1163117
8
h-index

1588992
8
g-index

32
all docs

32
docs citations

32
times ranked

1074
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic Single-Image-Based Rain Streaks Removal via Image Decomposition. IEEE Transactions on Image Processing, 2012, 21, 1742-1755.	9.8	606
2	Self-Learning Based Image Decomposition With Applications to Single Image Denoising. IEEE Transactions on Multimedia, 2014, 16, 83-93.	7.2	178
3	Distributed compressive video sensing. , 2009, , .		166
4	Multi-Scale Deep Residual Learning-Based Single Image Haze Removal via Image Decomposition. IEEE Transactions on Image Processing, 2020, 29, 3153-3167.	9.8	97
5	Haze effect removal from image via haze density estimation in optical model. Optics Express, 2013, 21, 27127.	3.4	85
6	Context-Aware Single Image Rain Removal. , 2012, , .		81
7	Lightweight Deep Neural Network for Joint Learning of Underwater Object Detection and Color Conversion. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 6129-6143.	11.3	66
8	Single-frame-based rain removal via image decomposition. , 2011, , .		53
9	Sequential Dual Attention Network for Rain Streak Removal in a Single Image. IEEE Transactions on Image Processing, 2020, 29, 9250-9265.	9.8	42
10	Dictionary learning-based distributed compressive video sensing. , 2010, , .		36
11	Compressive sensing-based image hashing. , 2009, , .		29
12	Self-learning-based rain streak removal for image/video. , 2012, , .		29
13	Enhanced Visual Attention-Guided Deep Neural Networks for Image Classification. IEEE Access, 2020, 8, 163447-163457.	4.2	24
14	Efficient image/video dehazing through haze density analysis based on pixel-based dark channel prior. , 2012, , .		22
15	Deep learning-based compressed image artifacts reduction based on multi-scale image fusion. Information Fusion, 2021, 67, 195-207.	19.1	22
16	Multi-View Distributed Video Coding with Low-Complexity Inter-Sensor Communication Over Wireless Video Sensor Networks. , 2007, , .		20
17	Secure SIFT-based sparse representation for image copy detection and recognition. , 2010, , .		16
18	Privacy-preserving multimedia cloud computing via compressive sensing and sparse representation. , 2012, , .		8

#	ARTICLE	IF	CITATIONS
19	Context-aware single image super-resolution using locality-constrained group sparse representation. , 2012, , .		8
20	Wyner-Ziv Video Coding with Coding Mode-Aided Motion Compensation. , 2006, , .		7
21	Efficient image/video deblocking via sparse representation. , 2012, , .		7
22	Low-Complexity Wyner-Ziv Video Coding Based on Robust Media Hashing. , 2006, , .		5
23	Secure transcoding for compressive multimedia sensing. , 2011, , .		5
24	Fast deconvolution-based image super-resolution using gradient prior. , 2011, , .		5
25	Vehicle Trajectory Prediction based on Social Generative Adversarial Network for Self-Driving Car Applications. , 2020, , .		4
26	Power-rate-distortion model for low-complexity video coding. , 2009, , .		2
27	Real-Time Robust Background Modeling Based on Joint Color and Texture Descriptions. , 2010, , .		2
28	An Error Resilient Image Camouflaging Scheme for Secret Image Transmission. , 0, , .		1
29	Joint Fingerprinting and Decryption for VQ Images through Bipartite Matching. , 2012, , .		1
30	Deep Learning-based Moiré Pattern Removal from a Single Image: A Survey and Comparative Study. , 2020, , .		1
31	Image copy detection via dictionary learning and sparse coding. , 2012, , .		0
32	Generative Adversarial Networks-based Face Hallucination with Identity-Preserving. , 2021, , .		0