Yongbing

List of Publications by Year
in descending order

25 papers	984 citations	623188 14 h-index	794141 19 g-index
25 all docs	25 docs citations	25 times ranked	1023 citing authors

#	Article	IF	Citations
1	Deep learning-based single-shot autofocus method for digital microscopy. Biomedical Optics Express, 2022, 13, 314.	1.5	15
2	PUERT: Probabilistic Under-Sampling and Explicable Reconstruction Network for CS-MRI. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 737-749.	7.3	9
3	Accelerated Phase Shifting for Structured Illumination Microscopy Based on Deep Learning. IEEE Transactions on Computational Imaging, 2021, 7, 700-712.	2.6	5
4	Weighted Convolutional Motion-Compensated Frame Rate Up-Conversion Using Deep Residual Network. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 11-22.	5.6	10
5	Unsupervised Blind Image Quality Evaluation via Statistical Measurements of Structure, Naturalness, and Perception. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 929-943.	5.6	68
6	STAT: Spatial-Temporal Attention Mechanism for Video Captioning. IEEE Transactions on Multimedia, 2020, 22, 229-241.	5.2	244
7	Multiple Cycle-in-Cycle Generative Adversarial Networks for Unsupervised Image Super-Resolution. IEEE Transactions on Image Processing, 2020, 29, 1101-1112.	6.0	65
8	Color-Guided Depth Image Recovery With Adaptive Data Fidelity and Transferred Graph Laplacian Regularization. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 320-333.	5.6	19
9	Corrections to â€œSTAT: Spatial-Temporal Attention Mechanism for Video Captioningâ€ IEEE Transactions on Multimedia, 2020, 22, 830-830.	5.2	20
10	CG-Cast: Scalable Wireless Image SoftCast Using Compressive Gradient. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 1832-1843.	5.6	16
11	Collaborative Representation Cascade for Single-Image Super-Resolution. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 845-860.	5.9	25
12	Residual Highway Convolutional Neural Networks for in-loop Filtering in HEVC. IEEE Transactions on Image Processing, 2018, 27, 3827-3841.	6.0	133
13	Adaptive Residual Networks for High-Quality Image Restoration. IEEE Transactions on Image Processing, 2018, 27, 3150-3163.	6.0	63
14	Image Denoising with Local Dense and Adaptive Global Residual Networks. Lecture Notes in Computer Science, 2018, , 27-37.	1.0	0
15	CCR: Clustering and Collaborative Representation for Fast Single Image Super-Resolution. IEEE Transactions on Multimedia, 2016, 18, 405-417.	5.2	63
16	Packet Video Error Concealment With Auto Regressive Model. IEEE Transactions on Circuits and Systems for Video Technology, 2012, 22, 12-27.	5.6	47
17	Interpolation-Dependent Image Downsampling. IEEE Transactions on Image Processing, 2011, 20, 3291-3296.	6.0	89
18	A Motion-Aligned Auto-Regressive Model for Frame Rate Up Conversion. IEEE Transactions on Image Processing, 2010, 19, 1248-1258.	6.0	31

#	Article	IF	Citations
19	Corrections to "A Spatio-Temporal Auto Regressive Model for Frame Rate Up-Conversion"[Sep 09 1289-1301. IEEE Transactions on Circuits and Systems for Video Technology, 2010, 20, 161-161.	5.6	0
20	A Spatio-Temporal Auto Regressive Model for Frame Rate Upconversion. IEEE Transactions on Circuits and Systems for Video Technology, 2009, 19, 1289-1301.	5.6	43
21	Joint learning for side information and correlation model based on linear regression model in distributed video coding. , 2009, , .		2
22	A high efficient error concealment scheme based on auto-regressive model for video coding. , 2009, , .		3
23	Local adaptive learning and fusion for side information interpolation in distributed video coding. , 2009, , .		1
24	Partition-level adaptive interpolation filter for video coding. , 2009, , .		0
25	A Spatio-Temporal Autoregressive Frame Rate Up Conversion Scheme. Proceedings International Conference on Image Processing, 2007, , .	0.0	13