Dongbo Min

List of Publications by Year
in descending order

37	1,335	516215	610482
papers	citations	16	24
		h-index	g-index

37	37	37	1146
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dense Cross-Modal Correspondence Estimation With the Deep Self-Correlation Descriptor. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 2345-2359.	9.7	3
2	Comprehensive Survey of Recent Drug Discovery Using Deep Learning. International Journal of Molecular Sciences, 2021, 22, 9983.	1.8	55
3	Adversarial Confidence Estimation Networks for Robust Stereo Matching. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 6875-6889.	4.7	5
4	Adaptive confidence thresholding for monocular depth estimation. , 2021, , .		7
5	Discrete-Continuous Transformation Matching for Dense Semantic Correspondence. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 59-73.	9.7	4
6	Unsupervised Low-Light Image Enhancement Using Bright Channel Prior. IEEE Signal Processing Letters, 2020, 27, 251-255.	2.1	63
7	Single Image Deraining Using Time-Lapse Data. IEEE Transactions on Image Processing, 2020, 29, 7274-7289.	6.0	7
8	Learning Deeply Aggregated Alternating Minimization for General Inverse Problems. IEEE Transactions on Image Processing, 2020, 29, 8012-8027.	6.0	4
9	Guided Semantic Flow. Lecture Notes in Computer Science, 2020, , 631-648.	1.0	12
10	Joint Learning of Semantic Alignment and Object Landmark Detection. , 2019, , .		12
11	Unified Confidence Estimation Networks for Robust Stereo Matching. IEEE Transactions on Image Processing, 2019, 28, 1299-1313.	6.0	31
12	FCSS: Fully Convolutional Self-Similarity for Dense Semantic Correspondence. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 581-595.	9.7	24
13	Fast 2D Complex Gabor Filter With Kernel Decomposition. IEEE Transactions on Image Processing, 2018, 27, 1713-1722.	6.0	18
14	Deep Monocular Depth Estimation via Integration of Global and Local Predictions. IEEE Transactions on Image Processing, 2018, 27, 4131-4144.	6.0	71
15	Cross-scale cost aggregation for stereo matching. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 965-976.	5.6	42
16	Fast Domain Decomposition for Global Image Smoothing. IEEE Transactions on Image Processing, 2017, 26, 4079-4091.	6.0	20
17	DASC: Robust Dense Descriptor for Multi-Modal and Multi-Spectral Correspondence Estimation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 1712-1729.	9.7	36
18	Feature Augmentation for Learning Confidence Measure in Stereo Matching. IEEE Transactions on Image Processing, 2017, 26, 6019-6033.	6.0	30

#	Article	IF	Citations
19	Deep stereo confidence prediction for depth estimation. , 2017, , .		19
20	Depth prediction from a single image with conditional adversarial networks. , 2017, , .		22
21	FCSS: Fully Convolutional Self-Similarity for Dense Semantic Correspondence. , 2017, , .		79
22	Deep Self-correlation Descriptor for Dense Cross-Modal Correspondence. Lecture Notes in Computer Science, 2016, , 679-695.	1.0	11
23	ANCC flow: Adaptive normalized cross-correlation with evolving guidance aggregation for dense correspondence estimation. , 2016, , .		1
24	EMCCD color correction based on spectral sensitivity analysis. Multimedia Tools and Applications, 2016, 75, 7589-7604.	2.6	0
25	Depth Analogy: Data-Driven Approach for Single Image Depth Estimation Using Gradient Samples. IEEE Transactions on Image Processing, 2015, 24, 5953-5966.	6.0	36
26	Fast Global Image Smoothing Based on Weighted Least Squares. IEEE Transactions on Image Processing, 2014, 23, 5638-5653.	6.0	291
27	A Generalized Random Walk With Restart and its Application in Depth Up-Sampling and Interactive Segmentation. IEEE Transactions on Image Processing, 2013, 22, 2574-2588.	6.0	26
28	Depth Video Enhancement Based on Weighted Mode Filtering. IEEE Transactions on Image Processing, 2012, 21, 1176-1190.	6.0	209
29	Virtual view rendering using super-resolution with multiview images. , 2009, , .		1
30	Spatial and temporal up-conversion technique for depth video. , 2009, , .		15
31	A Stereoscopic Video Generation Method Using Stereoscopic Display Characterization and Motion Analysis. IEEE Transactions on Broadcasting, 2008, 54, 188-197.	2.5	63
32	Cost Aggregation and Occlusion Handling With WLS in Stereo Matching. IEEE Transactions on Image Processing, 2008, 17, 1431-1442.	6.0	91
33	Virtual View Rendering System for 3DTV. , 2008, , .		3
34	Stereo matching with asymmetric occlusion handling in weighted least square framework. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	2
35	Freeview rendering with trinocular camera. , 2008, , .		2
36	3D Scene Reconstruction System with Hand-Held Stereo Cameras. , 2007, , .		7

#	Article	IF	Citations
37	Stereoscopic Video Generation Method using Motion Analysis. , 2007, , .		13