Jianbo Shi

List of Publications by Year
in descending order

23 papers	13,335 citations	1684188 5 h-index	1720034 7 g-index
23 all docs	23 docs citations	23 times ranked	9810 citing authors

#	Article	IF	Citations
1	Enhanced generative adversarial network for 3D brain MRI super-resolution. , 2020, , .		36
2	Quantitation of Femtomolarâ€Level Protein Biomarkers Using a Simple Microbubbling Digital Assay and Brightâ€Field Smartphone Imaging. Angewandte Chemie - International Edition, 2019, 58, 13922-13928.	13.8	36
3	Quantitation of Femtomolarâ€Level Protein Biomarkers Using a Simple Microbubbling Digital Assay and Brightâ€Field Smartphone Imaging. Angewandte Chemie, 2019, 131, 14060-14066.	2.0	8
4	Motion-Based Temporal Alignment of Independently Moving Cameras. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 2344-2354.	8.3	4
5	DeepEdge: A multi-scale bifurcated deep network for top-down contour detection. , 2015, , .		299
6	Structural-Flow Trajectories for Unravelling 3D Tubular Bundles. Lecture Notes in Computer Science, 2012, 15, 631-638.	1.3	2
7	Improving KLT in Embedded Systems by Processing Oversampling Video Sequence in Real-Time. , 2011, , .		7
8	Contour cut: Identifying salient contours in images by solving a Hermitian eigenvalue problem. , 2011, , .		25
9	Building recognition from aerial images combining segmentation and shadow. , 2009, , .		3
10	Shape Extraction through Region-Contour Stitching. Lecture Notes in Computer Science, 2008, , 393-405.	1.3	0
11	Recognizing objects by piecing together the Segmentation Puzzle. , 2007, , .		53
12	Image Matching via Saliency Region Correspondences. , 2007, , .		77
13	Segmentation given partial grouping constraints. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2004, 26, 173-183.	13.9	175
14	Contour and Texture Analysis for Image Segmentation. International Journal of Computer Vision, 2001, 43, 7-27.	15.6	831
15	Normalized cuts and image segmentation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2000, 22, 888-905.	13.9	10,785
16	Normalized cuts and image segmentation. , 0, , .		273
17	Motion segmentation and tracking using normalized cuts. , 0, , .		94
18	Tele-graffiti: a pen and paper-based remote sketching system. , 0, , .		8

#	Article	IF	Citations
19	Silhouette-based human identification from body shape and gait. , 0, , .		331
20	Object-specific figure-ground segregation. , 0, , .		46
21	Multiple frame motion inference using belief propagation. , 0, , .		10
22	Detecting unusual activity in video. , 0, , .		229
23	Shape from Shading: Recognizing the Mountains through a Global View. , 0, , .		3