

# Jianbo Shi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10936036/publications.pdf>

Version: 2024-02-01

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  | Normalized cuts and image segmentation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2000, 22, 888-905.  | 13.9 | 10,785    |
| 2  | Contour and Texture Analysis for Image Segmentation. International Journal of Computer Vision, 2001, 43, 7-27.  | 15.6 | 831       |
| 3  | Silhouette-based human identification from body shape and gait. , 0, , .  |      | 331       |
| 4  | DeepEdge: A multi-scale bifurcated deep network for top-down contour detection. , 2015, , .   |      | 299       |
| 5  | Normalized cuts and image segmentation. , 0, , .  |      | 273       |
| 6  | Detecting unusual activity in video. , 0, , .   |      | 229       |
| 7  | Segmentation given partial grouping constraints. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2004, 26, 173-183.   | 13.9 | 175       |
| 8  | Motion segmentation and tracking using normalized cuts. , 0, , .  |      | 94        |
| 9  | Image Matching via Saliency Region Correspondences. , 2007, , .   |      | 77        |
| 10 | Recognizing objects by piecing together the Segmentation Puzzle. , 2007, , .  |      | 53        |
| 11 | Object-specific figure-ground segregation. , 0, , .   |      | 46        |
| 12 | 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        |
| 13 | Enhanced generative adversarial network for 3D brain MRI super-resolution. , 2020, , .  |      | 36        |
| 14 | Contour cut: Identifying salient contours in images by solving a Hermitian eigenvalue problem. , 2011, , .  |      | 25        |
| 15 | Multiple frame motion inference using belief propagation. , 0, , .  |      | 10        |
| 16 | Tele-graffiti: a pen and paper-based remote sketching system. , 0, , .  |      | 8         |
| 17 | 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         |
| 18 | Improving KLT in Embedded Systems by Processing Oversampling Video Sequence in Real-Time. , 2011, , .   |      | 7         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Motion-Based Temporal Alignment of Independently Moving Cameras. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 2344-2354. | 8.3 | 4         |
| 20 | Shape from Shading: Recognizing the Mountains through a Global View. , 0, , .   |     | 3         |
| 21 | Building recognition from aerial images combining segmentation and shadow. , 2009, , .  |     | 3         |
| 22 | Structural-Flow Trajectories for Unravelling 3D Tubular Bundles. Lecture Notes in Computer Science, 2012, 15, 631-638.                                | 1.3 | 2         |
| 23 | Shape Extraction through Region-Contour Stitching. Lecture Notes in Computer Science, 2008, , 393-405.  | 1.3 | 0         |