

# Sinisa Todorovic

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/379685/publications.pdf>

Version: 2024-02-01

24  
papers

856  
citations

758635

12  
h-index

996533

15  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1052  
citing authors

| #  | ARTICLE                                                                                                                                                                | IF   | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1  | CX-ToM: Counterfactual explanations with theory-of-mind for enhancing human trust in image recognition models. IScience, 2022, 25, 103581.                             | 1.9  | 19        |
| 2  | The Planteome database: an integrated resource for reference ontologies, plant genomics and phenomics. Nucleic Acids Research, 2018, 46, D1168-D1180.                  | 6.5  | 133       |
| 3  | Boundary Flow: A Siamese Network that Predicts Boundary Motion Without Training on Motion. , 2018, , .                                                                 |      | 10        |
| 4  | AFEW-VA database for valence and arousal estimation in-the-wild. Image and Vision Computing, 2017, 65, 23-36.                                                          | 2.7  | 152       |
| 5  | Unsupervised object region proposals for RGB-D indoor scenes. Computer Vision and Image Understanding, 2017, 154, 127-136.                                             | 3.0  | 15        |
| 6  | Fine-Grained Recognition as HSnet Search for Informative Image Parts. , 2017, , .                                                                                      |      | 91        |
| 7  | Beam search for learning a deep Convolutional Neural Network of 3D shapes. , 2016, , .                                                                                 |      | 26        |
| 8  | Modeling human-skeleton motion patterns using conditional deep Boltzmann machine. , 2016, , .                                                                          |      | 3         |
| 9  | Doubly Sparse Relevance Vector Machine for Continuous Facial Behavior Estimation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 1748-1761. | 9.7  | 38        |
| 10 | Sum Product Networks for Activity Recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 800-813.                                      | 9.7  | 39        |
| 11 | &#x210B;C-search for structured prediction in computer vision. , 2015, , .                                                                                             |      | 5         |
| 12 | Monocular Extraction of 2.1D Sketch Using Constrained Convex Optimization. International Journal of Computer Vision, 2015, 112, 23-42.                                 | 10.9 | 20        |
| 13 | ALSO: Annotation of Image Segments with Ontologies. Journal of Biomedical Semantics, 2014, 5, 50.                                                                      | 0.9  | 17        |
| 14 | Scene Labeling Using Beam Search under Mutex Constraints. , 2014, , .                                                                                                  |      | 17        |
| 15 | SLEDGE: Sequential Labeling of Image Edges for Boundary Detection. International Journal of Computer Vision, 2013, 104, 15-37.                                         | 10.9 | 14        |
| 16 | From Region Based Image Representation to Object Discovery and Recognition. Lecture Notes in Computer Science, 2010, , 1-19.                                           | 1.0  | 6         |
| 17 | Matching Hierarchies of Deformable Shapes. Lecture Notes in Computer Science, 2009, , 1-10.                                                                            | 1.0  | 12        |
| 18 | Region-Based Hierarchical Image Matching. International Journal of Computer Vision, 2008, 78, 47-66.                                                                   | 10.9 | 52        |

| #  | ARTICLE                                                                                                                                                         | IF  | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Unsupervised Category Modeling, Recognition, and Segmentation in Images. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2008, 30, 2158-2174.   | 9.7 | 79        |
| 20 | Connected Segmentation Tree &#x2014; A joint representation of region layout and hierarchy. , 2008, , .                                                         |     | 39        |
| 21 | Scale-invariant region-based hierarchical imagematching. , 2008, , .                                                                                            |     | 1         |
| 22 | Learning the Taxonomy and Models of Categories Present in Arbitrary Images. , 2007, , .                                                                         |     | 35        |
| 23 | Interpretation of complex scenes using dynamic tree-structure Bayesian networks. Computer Vision and Image Understanding, 2007, 106, 71-84.                     | 3.0 | 9         |
| 24 | Dynamic trees for unsupervised segmentation and matching of image regions. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2005, 27, 1762-1777. | 9.7 | 24        |