Sinisa Todorovic

List of Publications by Year
in descending order

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	AFEW-VA database for valence and arousal estimation in-the-wild. Image and Vision Computing, 2017, 65, 23-36.	2.7	152
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	Fine-Grained Recognition as HSnet Search for Informative Image Parts. , 2017, , .		91
4	Unsupervised Category Modeling, Recognition, and Segmentation in Images. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2008, 30, 2158-2174.	9.7	79
5	Region-Based Hierarchical Image Matching. International Journal of Computer Vision, 2008, 78, 47-66.	10.9	52
6	Connected Segmentation Tree &#x2014; A joint representation of region layout and hierarchy. , 2008, , .		39
7	Sum Product Networks for Activity Recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 800-813.	9.7	39
8	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
9	Learning the Taxonomy and Models of Categories Present in Arbitrary Images. , 2007, , .		35
10	Beam search for learning a deep Convolutional Neural Network of 3D shapes. , 2016, , .		26
11	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
12	Monocular Extraction of 2.1D Sketch Using Constrained Convex Optimization. International Journal of Computer Vision, 2015, 112, 23-42.	10.9	20
13	CX-ToM: Counterfactual explanations with theory-of-mind for enhancing human trust in image recognition models. IScience, 2022, 25, 103581.	1.9	19
14	AISO: Annotation of Image Segments with Ontologies. Journal of Biomedical Semantics, 2014, 5, 50.	0.9	17
15	Scene Labeling Using Beam Search under Mutex Constraints. , 2014, , .		17
16	Unsupervised object region proposals for RGB-D indoor scenes. Computer Vision and Image Understanding, 2017, 154, 127-136.	3.0	15
17	SLEDGE: Sequential Labeling of Image Edges for Boundary Detection. International Journal of Computer Vision, 2013, 104, 15-37.	10.9	14
18	Matching Hierarchies of Deformable Shapes. Lecture Notes in Computer Science, 2009, , 1-10.	1.0	12

#	Article	IF	Citations
19	Boundary Flow: A Siamese Network that Predicts Boundary Motion Without Training on Motion. , 2018, , .		10
20	Interpretation of complex scenes using dynamic tree-structure Bayesian networks. Computer Vision and Image Understanding, 2007, 106, 71-84.	3.0	9
21	From Region Based Image Representation to Object Discovery and Recognition. Lecture Notes in Computer Science, 2010, , 1-19.	1.0	6
22	ℋC-search for structured prediction in computer vision. , 2015, , .		5
23	Modeling human-skeleton motion patterns using conditional deep Boltzmann machine. , 2016, , .		3
24	Scale-invariant region-based hierarchical imagematching. , 2008, , .		1