Cordelia Schmid

List of Publications by Year
in descending order

50 papers	31,782 citations	236912 25 h-index	454934 30 g-index
54 all docs	54 docs citations	54 times ranked	13243 citing authors

#	Article	IF	Citations
1	A performance evaluation of local descriptors. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2005, 27, 1615-1630.	13.9	5,399
2	Scale & Affine Invariant Interest Point Detectors. International Journal of Computer Vision, 2004, 60, 63-86.	15.6	2,971
3	Learning realistic human actions from movies. , 2008, , .		2,479
4	Action Recognition with Improved Trajectories. , 2013, , .		2,234
5	Aggregating local descriptors into a compact image representation. , 2010, , .		1,728
6	Dense Trajectories and Motion Boundary Descriptors for Action Recognition. International Journal of Computer Vision, 2013, 103, 60-79.	15.6	1,329
7	Aggregating Local Image Descriptors into Compact Codes. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2012, 34, 1704-1716.	13.9	1,196
8	Evaluation of Interest Point Detectors. International Journal of Computer Vision, 2000, 37, 151-172.	15.6	1,169
9	Description of interest regions with local binary patterns. Pattern Recognition, 2009, 42, 425-436.	8.1	1,062
10	Hamming Embedding and Weak Geometric Consistency for Large Scale Image Search. Lecture Notes in Computer Science, 2008, , 304-317.	1.3	1,038
11	A sparse texture representation using local affine regions. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2005, 27, 1265-1278.	13.9	942
12	Evaluation of local spatio-temporal features for action recognition. , 2009, , .		930
13	ViViT: A Video Vision Transformer. , 2021, , .		792
14	Actions in context. , 2009, , .		784
15	An Affine Invariant Interest Point Detector. Lecture Notes in Computer Science, 2002, , 128-142.	1.3	732
16	DeepFlow: Large Displacement Optical Flow with Deep Matching. , 2013, , .		701
17	Improving Bag-of-Features for Large Scale Image Search. International Journal of Computer Vision, 2010, 87, 316-336.	15.6	621
18	Towards Understanding Action Recognition. , 2013, , .		531

#	Article	IF	Citations
19	3D Object Modeling and Recognition Using Local Affine-Invariant Image Descriptors and Multi-View Spatial Constraints. International Journal of Computer Vision, 2006, 66, 231-259.	15.6	335
20	On the burstiness of visual elements. , 2009, , .		280
21	Action and Event Recognition with Fisher Vectors on a Compact Feature Set. , 2013, , .		270
22	Evaluation of GIST descriptors for web-scale image search. , 2009, , .		265
23	P-CNN: Pose-Based CNN Features for Action Recognition. , 2015, , .		251
24	Category-Specific Video Summarization. Lecture Notes in Computer Science, 2014, , 540-555.	1.3	249
25	From Images to Shape Models for Object Detection. International Journal of Computer Vision, 2010, 87, 284-303.	15.6	240
26	A Robust and Efficient Video Representation for Action Recognition. International Journal of Computer Vision, 2016, 119, 219-238.	15.6	224
27	Semantic Hierarchies for Visual Object Recognition. , 2007, , .		199
28	Learning to Track for Spatio-Temporal Action Localization. , 2015, , .		190
29	A contextual dissimilarity measure for accurate and efficient image search. , 2007, , .		173
30	Discriminative spatial saliency for image classification. , 2012, , .		164
31	Viewpoint-independent object class detection using 3D Feature Maps. , 2008, , .		153
32	An Image-Based Approach to Video Copy Detection With Spatio-Temporal Post-Filtering. IEEE Transactions on Multimedia, 2010, 12, 257-266.	7.2	142
33	The 2005 PASCAL Visual Object Classes Challenge. Lecture Notes in Computer Science, 2006, , 117-176.	1.3	125
34	Local Convolutional Features with Unsupervised Training for Image Retrieval. , 2015, , .		109
35	Accurate Object Detection with Deformable Shape Models Learnt from Images. , 2007, , .		86
36	Constructing Category Hierarchies for Visual Recognition. Lecture Notes in Computer Science, 2008, , 479-491.	1.3	78

#	Article	IF	Citations
37	Activity representation with motion hierarchies. International Journal of Computer Vision, 2014, 107, 219-238.	15.6	74
38	A Structured Model for Action Detection. , 2019, , .		52
39	Convolutional Patch Representations for Image Retrieval: An Unsupervised Approach. International Journal of Computer Vision, 2017, 121, 149-168.	15.6	47
40	Recognizing activities with cluster-trees of tracklets. , 2012, , .		47
41	Image matching with scale adjustment. Computer Vision and Image Understanding, 2004, 93, 175-194.	4.7	45
42	Learning to Recognize Objects with Little Supervision. International Journal of Computer Vision, 2008, 77, 219-237.	15.6	30
43	Accurate Object Recognition with Shape Masks. International Journal of Computer Vision, 2012, 97, 191-209.	15.6	29
44	Compact Video Description for Copy Detection with Precise Temporal Alignment. Lecture Notes in Computer Science, 2010, , 522-535.	1.3	28
45	Unified Graph Structured Models for Video Understanding. , 2021, , .		17
46	Maximally Stable Local Description for Scale Selection. Lecture Notes in Computer Science, 2006, , 504-516.	1.3	14
47	A Discriminative Framework for Texture and Object Recognition Using Local Image Features. Lecture Notes in Computer Science, 2006, , 423-442.	1.3	14
48	Unsupervised Learning of Video Representations via Dense Trajectory Clustering. Lecture Notes in Computer Science, 2020, , 404-421.	1.3	9
49	3D Object Modeling and Recognition from Photographs and Image Sequences. Lecture Notes in Computer Science, 2006, , 105-126.	1.3	6
50	The AXES PRO video search system. , 2013, , .		3