

# Cordelia Schmid

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

31,782  
citations

236612

25  
h-index

454577

30  
g-index

54  
all docs

54  
docs citations

54  
times ranked

13243  
citing authors

#	ARTICLE	IF	CITATIONS
1	ViViT: A Video Vision Transformer. , 2021, , .		792
2	Unified Graph Structured Models for Video Understanding. , 2021, , .		17
3	Unsupervised Learning of Video Representations via Dense Trajectory Clustering. Lecture Notes in Computer Science, 2020, , 404-421.	1.0	9
4	A Structured Model for Action Detection. , 2019, , .		52
5	Convolutional Patch Representations for Image Retrieval: An Unsupervised Approach. International Journal of Computer Vision, 2017, 121, 149-168.	10.9	47
6	A Robust and Efficient Video Representation for Action Recognition. International Journal of Computer Vision, 2016, 119, 219-238.	10.9	224
7	Learning to Track for Spatio-Temporal Action Localization. , 2015, , .		190
8	Local Convolutional Features with Unsupervised Training for Image Retrieval. , 2015, , .		109
9	P-CNN: Pose-Based CNN Features for Action Recognition. , 2015, , .		251
10	Activity representation with motion hierarchies. International Journal of Computer Vision, 2014, 107, 219-238.	10.9	74
11	Category-Specific Video Summarization. Lecture Notes in Computer Science, 2014, , 540-555.	1.0	249
12	DeepFlow: Large Displacement Optical Flow with Deep Matching. , 2013, , .		701
13	Dense Trajectories and Motion Boundary Descriptors for Action Recognition. International Journal of Computer Vision, 2013, 103, 60-79.	10.9	1,329
14	Action Recognition with Improved Trajectories. , 2013, , .		2,234
15	Action and Event Recognition with Fisher Vectors on a Compact Feature Set. , 2013, , .		270
16	Towards Understanding Action Recognition. , 2013, , .		531
17	The AXES PRO video search system. , 2013, , .		3
18	Discriminative spatial saliency for image classification. , 2012, , .		164

#	ARTICLE	IF	CITATIONS
19	Aggregating Local Image Descriptors into Compact Codes. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2012, 34, 1704-1716.	9.7	1,196
20	Accurate Object Recognition with Shape Masks. International Journal of Computer Vision, 2012, 97, 191-209.	10.9	29
21	Recognizing activities with cluster-trees of tracklets. , 2012, , .		47
22	From Images to Shape Models for Object Detection. International Journal of Computer Vision, 2010, 87, 284-303.	10.9	240
23	Improving Bag-of-Features for Large Scale Image Search. International Journal of Computer Vision, 2010, 87, 316-336.	10.9	621
24	Aggregating local descriptors into a compact image representation. , 2010, , .		1,728
25	An Image-Based Approach to Video Copy Detection With Spatio-Temporal Post-Filtering. IEEE Transactions on Multimedia, 2010, 12, 257-266.	5.2	142
26	Compact Video Description for Copy Detection with Precise Temporal Alignment. Lecture Notes in Computer Science, 2010, , 522-535.	1.0	28
27	On the burstiness of visual elements. , 2009, , .		280
28	Description of interest regions with local binary patterns. Pattern Recognition, 2009, 42, 425-436.	5.1	1,062
29	Actions in context. , 2009, , .		784
30	Evaluation of GIST descriptors for web-scale image search. , 2009, , .		265
31	Evaluation of local spatio-temporal features for action recognition. , 2009, , .		930
32	Learning to Recognize Objects with Little Supervision. International Journal of Computer Vision, 2008, 77, 219-237.	10.9	30
33	Viewpoint-independent object class detection using 3D Feature Maps. , 2008, , .		153
34	Constructing Category Hierarchies for Visual Recognition. Lecture Notes in Computer Science, 2008, , 479-491.	1.0	78
35	Learning realistic human actions from movies. , 2008, , .		2,479
36	Hamming Embedding and Weak Geometric Consistency for Large Scale Image Search. Lecture Notes in Computer Science, 2008, , 304-317.	1.0	1,038

#	ARTICLE	IF	CITATIONS
37	Accurate Object Detection with Deformable Shape Models Learnt from Images. , 2007, , .		86
38	Semantic Hierarchies for Visual Object Recognition. , 2007, , .		199
39	A contextual dissimilarity measure for accurate and efficient image search. , 2007, , .		173
40	Maximally Stable Local Description for Scale Selection. Lecture Notes in Computer Science, 2006, , 504-516.	1.0	14
41	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.	10.9	335
42	The 2005 PASCAL Visual Object Classes Challenge. Lecture Notes in Computer Science, 2006, , 117-176.	1.0	125
43	A Discriminative Framework for Texture and Object Recognition Using Local Image Features. Lecture Notes in Computer Science, 2006, , 423-442.	1.0	14
44	3D Object Modeling and Recognition from Photographs and Image Sequences. Lecture Notes in Computer Science, 2006, , 105-126.	1.0	6
45	A sparse texture representation using local affine regions. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2005, 27, 1265-1278.	9.7	942
46	A performance evaluation of local descriptors. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2005, 27, 1615-1630.	9.7	5,399
47	Scale & Affine Invariant Interest Point Detectors. International Journal of Computer Vision, 2004, 60, 63-86.	10.9	2,971
48	Image matching with scale adjustment. Computer Vision and Image Understanding, 2004, 93, 175-194.	3.0	45
49	An Affine Invariant Interest Point Detector. Lecture Notes in Computer Science, 2002, , 128-142.	1.0	732
50	Evaluation of Interest Point Detectors. International Journal of Computer Vision, 2000, 37, 151-172.	10.9	1,169