

Cordelia Schmid

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

54
papers

22,896
citations

40
h-index

54
g-index

54
ext. papers

27,099
ext. citations

5.5
avg, IF

7.43
L-index

#	Paper	IF	Citations
54	Performance evaluation of local descriptors. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2005 , 27, 1615-30	13.3	4011
53	Scale & Affine Invariant Interest Point Detectors. <i>International Journal of Computer Vision</i> , 2004 , 60, 63-86	10.6	2305
52	Learning realistic human actions from movies 2008 ,		1910
51	Action Recognition with Improved Trajectories 2013 ,		1607
50	Aggregating local descriptors into a compact image representation 2010 ,		1231
49	Dense Trajectories and Motion Boundary Descriptors for Action Recognition. <i>International Journal of Computer Vision</i> , 2013 , 103, 60-79	10.6	1034
48	Aggregating local image descriptors into compact codes. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2012 , 34, 1704-16	13.3	933
47	Evaluation of Interest Point Detectors. <i>International Journal of Computer Vision</i> , 2000 , 37, 151-172	10.6	872
46	Description of interest regions with local binary patterns. <i>Pattern Recognition</i> , 2009 , 42, 425-436	7.7	841
45	Evaluation of local spatio-temporal features for action recognition 2009 ,		746
44	A sparse texture representation using local affine regions. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2005 , 27, 1265-78	13.3	736
43	Hamming Embedding and Weak Geometric Consistency for Large Scale Image Search. <i>Lecture Notes in Computer Science</i> , 2008 , 304-317	0.9	612
42	Human Detection Using Oriented Histograms of Flow and Appearance. <i>Lecture Notes in Computer Science</i> , 2006 , 428-441	0.9	608
41	Actions in context 2009 ,		575
40	Improving Bag-of-Features for Large Scale Image Search. <i>International Journal of Computer Vision</i> , 2010 , 87, 316-336	10.6	498
39	DeepFlow: Large Displacement Optical Flow with Deep Matching 2013 ,		488
38	An Affine Invariant Interest Point Detector. <i>Lecture Notes in Computer Science</i> , 2002 , 128-142	0.9	398

37	Towards Understanding Action Recognition 2013 ,		332
36	3D Object Modeling and Recognition Using Local Affine-Invariant Image Descriptors and Multi-View Spatial Constraints. <i>International Journal of Computer Vision</i> , 2006 , 66, 231-259	10.6	250
35	On the burstiness of visual elements 2009 ,		226
34	Action and Event Recognition with Fisher Vectors on a Compact Feature Set 2013 ,		218
33	Evaluation of GIST descriptors for web-scale image search 2009 ,		192
32	From Images to Shape Models for Object Detection. <i>International Journal of Computer Vision</i> , 2010 , 87, 284-303	10.6	181
31	Description of Interest Regions with Center-Symmetric Local Binary Patterns. <i>Lecture Notes in Computer Science</i> , 2006 , 58-69	0.9	173
30	Semantic Hierarchies for Visual Object Recognition 2007 ,		166
29	A Robust and Efficient Video Representation for Action Recognition. <i>International Journal of Computer Vision</i> , 2016 , 119, 219-238	10.6	165
28	P-CNN: Pose-Based CNN Features for Action Recognition 2015 ,		149
27	Category-Specific Video Summarization. <i>Lecture Notes in Computer Science</i> , 2014 , 540-555	0.9	149
26	Learning to Track for Spatio-Temporal Action Localization 2015 ,		143
25	Discriminative spatial saliency for image classification 2012 ,		129
24	A contextual dissimilarity measure for accurate and efficient image search 2007 ,		120
23	ViViT: A Video Vision Transformer 2021 ,		116
22	. <i>IEEE Transactions on Multimedia</i> , 2010 , 12, 257-266	6.6	112
21	Viewpoint-independent object class detection using 3D Feature Maps 2008 ,		106
20	Local Convolutional Features with Unsupervised Training for Image Retrieval 2015 ,		89

19	The 2005 PASCAL Visual Object Classes Challenge. <i>Lecture Notes in Computer Science</i> , 2006 , 117-176	0.9	70
18	2007 ,		61
17	Activity representation with motion hierarchies. <i>International Journal of Computer Vision</i> , 2014 , 107, 219-238	1.2	59
16	Constructing Category Hierarchies for Visual Recognition. <i>Lecture Notes in Computer Science</i> , 2008 , 479-491	0.9	46
15	Recognizing activities with cluster-trees of tracklets 2012 ,		41
14	Convolutional Patch Representations for Image Retrieval: An Unsupervised Approach. <i>International Journal of Computer Vision</i> , 2017 , 121, 149-168	10.6	40
13	Image matching with scale adjustment. <i>Computer Vision and Image Understanding</i> , 2004 , 93, 175-194	4.3	30
12	Learning to Recognize Objects with Little Supervision. <i>International Journal of Computer Vision</i> , 2008 , 77, 219-237	10.6	28
11	A Structured Model for Action Detection 2019 ,		25
10	Accurate Object Recognition with Shape Masks. <i>International Journal of Computer Vision</i> , 2012 , 97, 191-209	2.6	24
9	Compact Video Description for Copy Detection with Precise Temporal Alignment. <i>Lecture Notes in Computer Science</i> , 2010 , 522-535	0.9	13
8	A Discriminative Framework for Texture and Object Recognition Using Local Image Features. <i>Lecture Notes in Computer Science</i> , 2006 , 423-442	0.9	11
7	Maximally Stable Local Description for Scale Selection. <i>Lecture Notes in Computer Science</i> , 2006 , 504-516	0.9	8
6	3D Object Modeling and Recognition from Photographs and Image Sequences. <i>Lecture Notes in Computer Science</i> , 2006 , 105-126	0.9	6
5	Unsupervised Learning of Video Representations via Dense Trajectory Clustering. <i>Lecture Notes in Computer Science</i> , 2020 , 404-421	0.9	4
4	The AXES PRO video search system 2013 ,		3
3	Recent Advances in Large Scale Image Search. <i>Lecture Notes in Computer Science</i> , 2009 , 305-326	0.9	3
2	Unified Graph Structured Models for Video Understanding 2021 ,		3

- 1 Shape Recognition in Images 263-300