

# Vittorio Ferrari

## 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.

35  
papers

3,679  
citations

24  
h-index

37  
g-index

37  
ext. papers

4,562  
ext. citations

6.6  
avg, IF

5.82  
L-index

#	Paper	IF	Citations
35	Measuring the objectness of image windows. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2012</b> , 34, 2189-202	13.3	765
34	What is an object? <b>2010</b> ,		464
33	Fast Object Segmentation in Unconstrained Video <b>2013</b> ,		310
32	Learning object class detectors from weakly annotated video <b>2012</b> ,		242
31	The Open Images Dataset V4. <i>International Journal of Computer Vision</i> , <b>2020</b> , 128, 1956-1981	10.6	231
30	From Images to Shape Models for Object Detection. <i>International Journal of Computer Vision</i> , <b>2010</b> , 87, 284-303	10.6	181
29	Weakly Supervised Localization and Learning with Generic Knowledge. <i>International Journal of Computer Vision</i> , <b>2012</b> , 100, 275-293	10.6	168
28	Weakly supervised learning of interactions between humans and objects. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2012</b> , 34, 601-14	13.3	137
27	Simultaneous Object Recognition and Segmentation from Single or Multiple Model Views. <i>International Journal of Computer Vision</i> , <b>2006</b> , 67, 159-188	10.6	136
26	What's the Point: Semantic Segmentation with Point Supervision. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 549-565	0.9	130
25	What's going on? Discovering spatio-temporal dependencies in dynamic scenes <b>2010</b> ,		108
24	Efficient Mining of Frequent and Distinctive Feature Configurations <b>2007</b> ,		98
23	Object Detection by Contour Segment Networks. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 14-28	0.9	88
22	Extreme Clicking for Efficient Object Annotation <b>2017</b> ,		75
21	Simultaneous Object Recognition and Segmentation by Image Exploration. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 40-54	0.9	69
20	ImageNet Auto-Annotation with Segmentation Propagation. <i>International Journal of Computer Vision</i> , <b>2014</b> , 110, 328-348	10.6	62
19	Visual and semantic similarity in ImageNet <b>2011</b> ,		62

18	<b>2007,</b>		61
17	Training Object Class Detectors from Eye Tracking Data. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 361-376	9	43
16	Do Semantic Parts Emerge in Convolutional Neural Networks?. <i>International Journal of Computer Vision</i> , <b>2018</b> , 126, 476-494	10.6	42
15	We Don't Need No Bounding-Boxes: Training Object Class Detectors Using Only Human Verification <b>2016,</b>		39
14	How Hard Can It Be? Estimating the Difficulty of Visual Search in an Image <b>2016,</b>		36
13	Training Object Class Detectors with Click Supervision <b>2017,</b>		31
12	Analysing Domain Shift Factors between Videos and Images for Object Detection. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2016</b> , 38, 2327-2334	13.3	26
11	Joint Calibration for Semantic Segmentation <b>2015,</b>		14
10	Articulated motion discovery using pairs of trajectories <b>2015,</b>		11
9	Connecting Vision and Language with Localized Narratives. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 647-664	0.9	11
8	Using Multi-view Recognition and Meta-data Annotation to Guide a Robot's Attention. <i>International Journal of Robotics Research</i> , <b>2009</b> , 28, 976-998	5.7	7
7	Associative Embeddings for Large-Scale Knowledge Transfer with Self-Assessment <b>2014,</b>		6
6	Simultaneous Object Recognition and Segmentation by Image Exploration. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 145-169	0.9	6
5	Closed-Form Approximate CRF Training for Scalable Image Segmentation. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 550-565	0.9	5
4	Behavior Discovery and Alignment of Articulated Object Classes from Unstructured Video. <i>International Journal of Computer Vision</i> , <b>2017</b> , 121, 303-325	10.6	4
3	Efficient Object Annotation via Speaking and Pointing. <i>International Journal of Computer Vision</i> , <b>2020</b> , 128, 1061-1075	10.6	4
2	Learning Semantic Part-Based Models from Google Images. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2018</b> , 40, 1502-1509	13.3	3
1	Training object detectors from few weakly-labeled and many unlabeled images. <i>Pattern Recognition</i> , <b>2021</b> , 120, 108164	7.7	1

