Vittorio Ferrari

List of Publications by Year in Descending Order

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	Training object detectors from few weakly-labeled and many unlabeled images. *Pattern Recognition*, **2021**, 120, 108164	7.7	1
34	The Open Images Dataset V4. *International Journal of Computer Vision*, **2020**, 128, 1956-1981	10.6	231
33	Connecting Vision and Language with Localized Narratives. *Lecture Notes in Computer Science*, **2020**, 647-664	0.9	11
32	Efficient Object Annotation via Speaking and Pointing. *International Journal of Computer Vision*, **2020**, 128, 1061-1075	10.6	4
31	Learning Semantic Part-Based Models from Google Images. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2018**, 40, 1502-1509	13.3	3
30	Do Semantic Parts Emerge in Convolutional Neural Networks?. *International Journal of Computer Vision*, **2018**, 126, 476-494	10.6	42
29	Behavior Discovery and Alignment of Articulated Object Classes from Unstructured Video. *International Journal of Computer Vision*, **2017**, 121, 303-325	10.6	4
28	Training Object Class Detectors with Click Supervision **2017**,		31
27	Extreme Clicking for Efficient Object Annotation **2017**,		75
26	How Hard Can It Be? Estimating the Difficulty of Visual Search in an Image **2016**,		36
25	We Don℉ Need No Bounding-Boxes: Training Object Class Detectors Using Only Human Verification **2016**,		39
24	What℉ the Point: Semantic Segmentation with Point Supervision. *Lecture Notes in Computer Science*, **2016**, 549-565	0.9	130
23	Analysing Domain Shift Factors between Videos and Images for Object Detection. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2016**, 38, 2327-2334	13.3	26
22	Articulated motion discovery using pairs of trajectories **2015**,		11
21	Joint Calibration for Semantic Segmentation **2015**,		14
20	Associative Embeddings for Large-Scale Knowledge Transfer with Self-Assessment **2014**,		6
19	Training Object Class Detectors from Eye Tracking Data. *Lecture Notes in Computer Science*, **2014**, 361-376	0.9	43

#	Reference	IF	Cit.
18	ImageNet Auto-Annotation with Segmentation Propagation. *International Journal of Computer Vision*, **2014**, 110, 328-348	10.6	62
17	Closed-Form Approximate CRF Training for Scalable Image Segmentation. *Lecture Notes in Computer Science*, **2014**, 550-565	0.9	5
16	Fast Object Segmentation in Unconstrained Video **2013**,		310
15	Weakly supervised learning of interactions between humans and objects. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2012**, 34, 601-14	13.3	137
14	Weakly Supervised Localization and Learning with Generic Knowledge. *International Journal of Computer Vision*, **2012**, 100, 275-293	10.6	168
13	Measuring the objectness of image windows. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2012**, 34, 2189-202	13.3	765
12	Learning object class detectors from weakly annotated video **2012**,		242
11	Visual and semantic similarity in ImageNet **2011**,		62
10	What is an object? **2010**,		464
9	What's going on? Discovering spatio-temporal dependencies in dynamic scenes **2010**,		108
8	From Images to Shape Models for Object Detection. *International Journal of Computer Vision*, **2010**, 87, 284-303	10.6	181
7	Using Multi-view Recognition and Meta-data Annotation to Guide a Robot's Attention. *International Journal of Robotics Research*, **2009**, 28, 976-998	5.7	7
6	Efficient Mining of Frequent and Distinctive Feature Configurations **2007**,		98
5	**2007**,		61
4	Object Detection by Contour Segment Networks. *Lecture Notes in Computer Science*, **2006**, 14-28	0.9	88
3	Simultaneous Object Recognition and Segmentation from Single or Multiple Model Views. *International Journal of Computer Vision*, **2006**, 67, 159-188	10.6	136
2	Simultaneous Object Recognition and Segmentation by Image Exploration. *Lecture Notes in Computer Science*, **2006**, 145-169	0.9	6
1	Simultaneous Object Recognition and Segmentation by Image Exploration. *Lecture Notes in Computer Science*, **2004**, 40-54	0.9	69