Ram Nevatia

List of Publications by Year
in descending order

33 papers	**2,916** citations

1307366

7 h-index

1474057

9 g-index

33 all docs	**33** docs citations

33 times ranked

1956 citing authors

#	Article	IF	Citations
1	Detection and Tracking of Multiple, Partially Occluded Humans by Bayesian Combination of Edgelet based Part Detectors. International Journal of Computer Vision, 2007, 75, 247-266.	10.9	665
2	Tracking multiple humans in complex situations. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2004, 26, 1208-1221.	9.7	396
3	Segmentation and Tracking of Multiple Humans in Crowded Environments. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2008, 30, 1198-1211.	9.7	303
4	How does person identity recognition help multi-person tracking?. , 2011, , .		150
5	Cluster Boosted Tree Classifier for Multi-View, Multi-Pose Object Detection. , 2007, , .		141
6	Detection and Segmentation of Multiple, Partially Occluded Objects by Grouping, Merging, Assigning Part Detection Responses. International Journal of Computer Vision, 2009, 82, 185-204.	10.9	129
7	Face recognition using deep multi-pose representations. , 2016, , .		108
8	Learning affinities and dependencies for multi-target tracking using a CRF model. , 2011, , .		106
9	An online learned CRF model for multi-target tracking. , 2012, , .		94
10	Pedestrian Detection in Infrared Images based on Local Shape Features. , 2007, , .		87
11	Query-Guided Regression Network with Context Policy for Phrase Grounding. , 2017, , .		75
12	Hierarchical Language-based Representation of Events in Video Streams. , 2003, , .		70
13	Online Learned Discriminative Part-Based Appearance Models for Multi-human Tracking. Lecture Notes in Computer Science, 2012, , 484-498.	1.0	69
14	Simultaneous Object Detection and Segmentation by Boosting Local Shape Feature based Classifier. , 2007, , .		67
15	Knowledge Aided Consistency for Weakly Supervised Phrase Grounding. , 2018, , .		64
16	ACTIVE: Activity Concept Transitions in Video Event Classification. , 2013, , .		60
17	Improving Part based Object Detection by Unsupervised, Online Boosting. , 2007, , .		56
18	Body Part Detection for Human Pose Estimation and Tracking. , 2007, , .		48

#	Article	IF	Citations
19	Hierarchical abnormal event detection by real time and semi-real time multi-tasking video surveillance system. Machine Vision and Applications, 2014, 25, 133-143.	1.7	41
20	Automatic Integration of Facade Textures into 3D Building Models with a Projective Geometry Based Line Clustering. Computer Graphics Forum, 2002, 21, 511-519.	1.8	38
21	DISCOVER: Discovering Important Segments for Classification of Video Events and Recounting. , 2014, , .		36
22	Efficient Detector Adaptation for Object Detection in a Video. , 2013, , .		24
23	Robust camera calibration tool for video surveillance camera in urban environment. , 2011, , .		22
24	Human detection by searching in 3d space using camera and scene knowledge. , 2008, , .		12
25	Segmentation of multiple, partially occluded objects by grouping, merging, assigning part detection responses. , 2008, , .		11
26	Segmentation of objects in a detection window by Nonparametric Inhomogeneous CRFs. Computer Vision and Image Understanding, 2011, 115, 1473-1482.	3.0	8
27	Forecasting Human Pose and Motion with Multibody Dynamic Model. , 2015, , .		8
28	Exploring deep learning based solutions in fine grained activity recognition in the wild. , 2016, , .		8
29	Activity recognition and prediction with pose based discriminative patch model. , 2016, , .		7
30	MSRC: multimodal spatial regression with semantic context for phrase grounding. International Journal of Multimedia Information Retrieval, 2018, 7, 17-28.	3.6	5
31	Extensive articulated human detection by voting Cluster Boosted Tree. , 2009, , .		4
32	Dynamics Based Trajectory Segmentation for UAV videos. , 2010, , .		4
33	Pedestrian Detection and Tracking. , 2009, , 105-147.		0