

Deva Ramanan

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

28,623
citations

623734

14
h-index

888059

17
g-index

47
all docs

47
docs citations

47
times ranked

16406
citing authors

#	ARTICLE	IF	CITATIONS
1	Microsoft COCO: Common Objects in Context. Lecture Notes in Computer Science, 2014, , 740-755.	1.3	12,775
2	Object Detection with Discriminatively Trained Part-Based Models. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2010, 32, 1627-1645.	13.9	7,725
3	A discriminatively trained, multiscale, deformable part model. , 2008, , .		1,904
4	Articulated pose estimation with flexible mixtures-of-parts. , 2011, , .		762
5	Globally-optimal greedy algorithms for tracking a variable number of objects. , 2011, , .		590
6	Articulated Human Detection with Flexible Mixtures of Parts. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2013, 35, 2878-2890.	13.9	576
7	Finding Tiny Faces. , 2017, , .		476
8	Detecting activities of daily living in first-person camera views. , 2012, , .		450
9	Efficiently Scaling up Crowdsourced Video Annotation. International Journal of Computer Vision, 2013, 101, 184-204.	15.6	380
10	ActionVLAD: Learning Spatio-Temporal Aggregation for Action Classification. , 2017, , .		288
11	Need for Speed: A Benchmark for Higher Frame Rate Object Tracking. , 2017, , .		255
12	Look and Think Twice: Capturing Top-Down Visual Attention with Feedback Convolutional Neural Networks. , 2015, , .		249
13	Discriminative models for multi-class object layout. , 2009, , .		197
14	Meta-Learning to Detect Rare Objects. , 2019, , .		175
15	Discriminative Models for Multi-Class Object Layout. International Journal of Computer Vision, 2011, 95, 1-12.	15.6	170
16	Learning Policies for Adaptive Tracking with Deep Feature Cascades. , 2017, , .		166
17	Do We Need More Training Data?. International Journal of Computer Vision, 2016, 119, 76-92.	15.6	156
18	Self-Paced Learning for Long-Term Tracking. , 2013, , .		145

#	ARTICLE	IF	CITATIONS
19	Discriminative Decorrelation for Clustering and Classification. Lecture Notes in Computer Science, 2012, , 459-472.	1.3	136
20	Multi-scale Recognition with DAG-CNNs. , 2015, , .		124
21	Detecting Actions, Poses, and Objects with Relational Phraselets. Lecture Notes in Computer Science, 2012, , 158-172.	1.3	92
22	Exploring Weak Stabilization for Motion Feature Extraction. , 2013, , .		91
23	N-best maximal decoders for part models. , 2011, , .		81
24	Growing a Brain: Fine-Tuning by Increasing Model Capacity. , 2017, , .		76
25	Layered object detection for multi-class segmentation. , 2010, , .		70
26	First-person pose recognition using egocentric workspaces. , 2015, , .		65
27	Depth-Based Hand Pose Estimation: Methods, Data, and Challenges. International Journal of Computer Vision, 2018, 126, 1180-1198.	15.6	48
28	Parsing Occluded People. , 2014, , .		44
29	Analysis by Synthesis: 3D Object Recognition by Object Reconstruction. , 2014, , .		37
30	Articulated pose estimation with tiny synthetic videos. , 2015, , .		36
31	Efficiently Scaling Up Video Annotation with Crowdsourced Marketplaces. Lecture Notes in Computer Science, 2010, , 610-623.	1.3	35
32	Visual object detection with deformable part models. Communications of the ACM, 2013, 56, 97.	4.5	35
33	Steerable part models. , 2012, , .		33
34	Cross-Domain Image Matching with Deep Feature Maps. International Journal of Computer Vision, 2019, 127, 1738-1750.	15.6	29
35	Comparing apples and oranges: Off-road pedestrian detection on the National Robotics Engineering Center agricultural personâ€ detection dataset. Journal of Field Robotics, 2018, 35, 545-563.	6.0	21
36	Part-Based Models for Finding People and Estimating Their Pose. , 2011, , 199-223.		18

#	ARTICLE	IF	CITATIONS
37	Visual object detection with deformable part models. Communications of the ACM, 2013, 56, 97-105.	4.5	16
38	Detecting Invisible People. , 2021, , .		16
39	Safe Local Motion Planning with Self-Supervised Freespace Forecasting. , 2021, , .		14
40	Predicting Functional Regions on Objects. , 2013, , .		13
41	Learning to Optimally Segment Point Clouds. IEEE Robotics and Automation Letters, 2020, 5, 875-882.	5.1	13
42	Learning Generative Models of Tissue Organization with Supervised GANs. , 2018, 2018, 682-690.		12
43	Inferring Distributions Over Depth from a Single Image. , 2019, , .		11
44	Towards Latent Attribute Discovery From Triplet Similarities. , 2019, , .		7
45	Are we Asking the Right Questions in MovieQA?. , 2019, , .		5
46	<i>OpenGAN</i>: Open-Set Recognition Via Open Data Generation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2024, , 1-10.	13.9	5
47	Guest Editorial: Video Recognition. International Journal of Computer Vision, 2016, 119, 217-218.	15.6	1