Kristen Grauman

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11032246/publications.pdf

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83	7,274	394286	395590
papers	citations	19 h-index	33 g-index

83	83	83	4456
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Exploration of Embodied Visual Exploration. International Journal of Computer Vision, 2021, 129, 1616-1649.	10.9	46
2	Ego-Exo: Transferring Visual Representations from Third-person to First-person Videos. , 2021, , .		23
3	Semantic Audio-Visual Navigation. , 2021, , .		44
4	From Culture to Clothing: Discovering the World Events Behind A Century of Fashion Images. , 2021, , .		5
5	Densifying Supervision for Fine-Grained Visual Comparisons. International Journal of Computer Vision, 2020, 128, 2704-2730.	10.9	0
6	Occupancy Anticipation for Efficient Exploration and Navigation. Lecture Notes in Computer Science, 2020, , 400-418.	1.0	59
7	Computer Vision for Fashion. , 2020, , .		4
8	End-to-End Policy Learning for Active Visual Categorization. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 1601-1614.	9.7	23
9	Pixel Objectness: Learning to Segment Generic Objects Automatically in Images and Videos. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2677-2692.	9.7	17
10	Click Carving: Interactive Object Segmentation in Images and Videos with Point Clicks. International Journal of Computer Vision, 2019, 127, 1321-1344.	10.9	6
11	Emergence of exploratory look-around behaviors through active observation completion. Science Robotics, 2019, 4, .	9.9	19
12	Predicting How to Distribute Work Between Algorithms and Humans to Segment an Image Batch. International Journal of Computer Vision, 2019, 127, 1198-1216.	10.9	3
13	Thinking Outside the Pool: Active Training Image Creation for Relative Attributes. , 2019, , .		16
14	Grounded Human-Object Interaction Hotspots From Video. , 2019, , .		60
15	Predicting Foreground Object Ambiguity and Efficiently Crowdsourcing the Segmentation(s). International Journal of Computer Vision, 2018, 126, 714-730.	10.9	8
16	Subjects and Their Objects: Localizing Interactees for a Person-Centric View of Importance. International Journal of Computer Vision, 2018, 126, 292-313.	10.9	3
17	Learning to Look Around: Intelligently Exploring Unseen Environments for Unknown Tasks. , 2018, , .		47
18	Sidekick Policy Learning for Active Visual Exploration. Lecture Notes in Computer Science, 2018, , 424-442.	1.0	15

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19	ShapeCodes: Self-supervised Feature Learning by Lifting Views to Viewgrids. Lecture Notes in Computer Science, 2018, , 126-144.	1.0	12
20	Learning Image Representations Tied to Egomotion from Unlabeled Video. International Journal of Computer Vision, 2017, 125, 136-161.	10.9	17
21	Attributes for Image Retrieval. Advances in Computer Vision and Pattern Recognition, 2017, , 89-117.	0.9	8
22	Fine-Grained Comparisons with Attributes. Advances in Computer Vision and Pattern Recognition, 2017, , 119-154.	0.9	5
23	Next-active-object prediction from egocentric videos. Journal of Visual Communication and Image Representation, 2017, 49, 401-411.	1.7	57
24	CrowdVerge. , 2017, , .		30
25	FusionSeg: Learning to Combine Motion and Appearance for Fully Automatic Segmentation of Generic Objects in Videos. , 2017, , .		209
26	Semantic Jitter: Dense Supervision for Visual Comparisons via Synthetic Images. , 2017, , .		72
27	Pull the Plug? Predicting If Computers or Humans Should Segment Images. , 2016, , .		13
28	Leaving Some Stones Unturned: Dynamic Feature Prioritization for Activity Detection in Streaming Video. Lecture Notes in Computer Science, 2016, , 783-800.	1.0	17
29	Slow and Steady Feature Analysis: Higher Order Temporal Coherence in Video. , 2016, , .		82
30	Detecting Engagement in Egocentric Video. Lecture Notes in Computer Science, 2016, , 454-471.	1.0	25
31	Look-Ahead Before You Leap: End-to-End Active Recognition by Forecasting the Effect of Motion. Lecture Notes in Computer Science, 2016, , 489-505.	1.0	39
32	Predicting Important Objects for Egocentric Video Summarization. International Journal of Computer Vision, 2015, 114, 38-55.	10.9	108
33	Discovering Attribute Shades of Meaning with the Crowd. International Journal of Computer Vision, 2015, 114, 56-73.	10.9	26
34	Boundary Preserving Dense Local Regions. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2015, 37, 931-943.	9.7	2
35	WhittleSearch: Interactive Image Search with Relative Attribute Feedback. International Journal of Computer Vision, 2015, 115, 185-210.	10.9	57
36	Predicting the Location of â€œinteracteesâ€• in Novel Human-Object Interactions. Lecture Notes in Computer Science, 2015, , 351-367.	1.0	1

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37	Beyond Comparing Image Pairs: Setwise Active Learning for Relative Attributes. , 2014, , .		34
38	Fine-Grained Visual Comparisons with Local Learning. , 2014, , .		256
39	Decorrelating Semantic Visual Attributes by Resisting the Urge to Share. , 2014, , .		91
40	Large-Scale Live Active Learning: Training Object Detectors with Crawled Data and Crowds. International Journal of Computer Vision, 2014, 108, 97-114.	10.9	118
41	Learning Kernels for Unsupervised Domain Adaptation with Applications to Visual Object Recognition. International Journal of Computer Vision, 2014, 109, 3-27.	10.9	69
42	Supervoxel-Consistent Foreground Propagation in Video. Lecture Notes in Computer Science, 2014, , 656-671.	1.0	110
43	Attribute Pivots for Guiding Relevance Feedback in Image Search. , 2013, , .		43
44	Attribute Adaptation for Personalized Image Search. , 2013, , .		53
45	Reconstructing a fragmented face from a cryptographic identification protocol. , 2013, , .		4
46	Story-Driven Summarization for Egocentric Video. , 2013, , .		346
47	Implied Feedback: Learning Nuances of User Behavior in Image Search. , 2013, , .		9
48	Predicting Sufficient Annotation Strength for Interactive Foreground Segmentation. , 2013, , .		43
49	Watching Unlabeled Video Helps Learn New Human Actions from Very Few Labeled Snapshots. , 2013, , .		25
50	Object-Centric Spatio-Temporal Pyramids for Egocentric Activity Recognition. , 2013, , .		32
51	Geodesic flow kernel for unsupervised domain adaptation. , 2012, , .		459
52	Learning the Relative Importance of Objects from Tagged Images for Retrieval and Cross-Modal Search. International Journal of Computer Vision, 2012, 100, 134-153.	10.9	98
53	WhittleSearch: Image search with relative attribute feedback. , 2012, , .		180
54	Discovering localized attributes for fine-grained recognition. , 2012, , .		58

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55	Active Frame Selection for Label Propagation in Videos. Lecture Notes in Computer Science, 2012, , 496-509.	1.0	59
56	Object-Graphs for Context-Aware Visual Category Discovery. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2012, 34, 346-358.	9.7	53
57	Actively selecting annotations among objects and attributes. , 2011, , .		54
58	Relative attributes. , 2011, , .		642
59	Key-segments for video object segmentation. , 2011, , .		337
60	Visual Object Recognition. Synthesis Lectures on Artificial Intelligence and Machine Learning, 2011, 5, 1-181.	0.6	75
61	Cost-Sensitive Active Visual Category Learning. International Journal of Computer Vision, 2011, 91, 24-44.	10.9	37
62	Annotator rationales for visual recognition. , 2011, , .		40
63	Sharing features between objects and their attributes. , 2011, , .		85
64	Interactively building a discriminative vocabulary of nameable attributes. , 2011, , .		161
65	Gaussian Processes for Object Categorization. International Journal of Computer Vision, 2010, 88, 169-188.	10.9	132
66	Asymmetric region-to-image matching for comparing images with generic object categories. , 2010, , .		37
67	Reading between the lines: Object localization using implicit cues from image tags. , 2010, , .		10
68	Far-sighted active learning on a budget for image and video recognition. , 2010, , .		60
69	Efficiently searching for similar images. Communications of the ACM, 2010, 53, 84-94.	3.3	20
70	Learning a hierarchy of discriminative space-time neighborhood features for human action recognition. , 2010, , .		373
71	Object-graphs for context-aware category discovery. , 2010, , .		71
72	3D Facial similarity: Automatic assessment versus perceptual judgments. , 2010, , .		10

#	Article	IF	Citations
73	Accounting for the Relative Importance of Objects in Image Retrieval. , 2010, , .		50
74	Observe locally, infer globally: A space-time MRF for detecting abnormal activities with incremental updates. , 2009, , .		458
75	Shape discovery from unlabeled image collections. , 2009, , .		33
76	Kernelized locality-sensitive hashing for scalable image search. , 2009, , .		608
77	What's it going to cost you?: Predicting effort vs. informativeness for multi-label image annotations. , 2009, , .		74
78	Foreground Focus: Unsupervised Learning from Partially Matching Images. International Journal of Computer Vision, 2009, 85, 143-166.	10.9	94
79	Observe locally, infer globally: A space-time MRF for detecting abnormal activities with incremental updates. , 2009, , .		5
80	What's it going to cost you?: Predicting effort vs. informativeness for multi-label image annotations. , 2009, , .		10
81	Fast image search for learned metrics. , 2008, , .		188
82	Keywords to visual categories: Multiple-instance learning forweakly supervised object categorization. , 2008, , .		80
83	Active Learning with Gaussian Processes for Object Categorization. , 2007, , .		212