

Jingdong Wang

List of Publications by Year in Descending Order

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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.

177
papers

11,870
citations

48
h-index

106
g-index

192
ext. papers

15,875
ext. citations

5.8
avg, IF

7.02
L-index

#	Paper	IF	Citations
177	Deep High-Resolution Representation Learning for Visual Recognition. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , 43, 3349-3364	13.3	400
176	Lite-HRNet: A Lightweight High-Resolution Network 2021 ,		26
175	Bottom-Up Human Pose Estimation Via Disentangled Keypoint Regression 2021 ,		22
174	Semi-Supervised Semantic Segmentation with Cross Pseudo Supervision 2021 ,		54
173	OCNet: Object Context for Semantic Segmentation. <i>International Journal of Computer Vision</i> , 2021 , 129, 2375-2398	10.6	32
172	Group Reidentification with Multigrained Matching and Integration. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 1478-1492	10.2	10
171	Whole brain segmentation with full volume neural network. <i>Computerized Medical Imaging and Graphics</i> , 2021 , 93, 101991	7.6	0
170	Content-aware convolutional neural networks. <i>Neural Networks</i> , 2021 , 143, 657-668	9.1	2
169	Few-Shot Image and Sentence Matching via Aligned Cross-Modal Memory. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , PP,	13.3	2
168	S4Net: Single stage salient-instance segmentation. <i>Computational Visual Media</i> , 2020 , 6, 191-204	3.9	14
167	Parameter Distribution Balanced CNNs. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 4600-4609	10.3	2
166	Efficient Semantic Video Segmentation with Per-Frame Inference. <i>Lecture Notes in Computer Science</i> , 2020 , 352-368	0.9	19
165	Point-Set Anchors for Object Detection, Instance Segmentation and Pose Estimation. <i>Lecture Notes in Computer Science</i> , 2020 , 527-544	0.9	18
164	Object-Contextual Representations for Semantic Segmentation. <i>Lecture Notes in Computer Science</i> , 2020 , 173-190	0.9	148
163	SegFix: Model-Agnostic Boundary Refinement for Segmentation. <i>Lecture Notes in Computer Science</i> , 2020 , 489-506	0.9	25
162	Semantic Image Segmentation by Scale-Adaptive Networks. <i>IEEE Transactions on Image Processing</i> , 2020 , 29, 2066-2077	8.7	9
161	Weakly-Supervised Action Localization by Generative Attention Modeling 2020 ,		36

160	Improving Person Re-identification with Iterative Impression Aggregation. <i>IEEE Transactions on Image Processing</i> , 2020 , PP,	8.7	2
159	. <i>IEEE Transactions on Multimedia</i> , 2020 , 1-1	6.6	1
158	HigherHRNet: Scale-Aware Representation Learning for Bottom-Up Human Pose Estimation 2020 ,		122
157	Closed-Loop Matters: Dual Regression Networks for Single Image Super-Resolution 2020 ,		87
156	Object Detection in Videos by High Quality Object Linking. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2020 , 42, 1272-1278	13.3	40
155	Balanced Decoupled Spatial Convolution for CNNs. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 3419-3432	10.3	2
154	A Bilinear Ranking SVM for Knowledge Based Relation Prediction and Classification. <i>IEEE Transactions on Big Data</i> , 2019 , 5, 588-600	3.2	2
153	Automatic Ensemble Diffusion for 3D Shape and Image Retrieval. <i>IEEE Transactions on Image Processing</i> , 2019 , 28, 88-101	8.7	13
152	Composite Quantization. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2019 , 41, 1308-1323	13.2	9
151	Joint salient object detection and existence prediction. <i>Frontiers of Computer Science</i> , 2019 , 13, 778-788	2.2	12
150	Global-Local Temporal Representations for Video Person Re-Identification 2019 ,		64
149	Deep High-Resolution Representation Learning for Human Pose Estimation 2019 ,		802
148	Structured Knowledge Distillation for Semantic Segmentation 2019 ,		122
147	2019 ,		22
146	Cross View Fusion for 3D Human Pose Estimation 2019 ,		54
145	. <i>IEEE Transactions on Multimedia</i> , 2019 , 21, 930-942	6.6	24
144	Ordinal Constraint Binary Coding for Approximate Nearest Neighbor Search. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2019 , 41, 941-955	13.3	22
143	Multiview Cross-Media Hashing with Semantic Consistency. <i>IEEE MultiMedia</i> , 2018 , 25, 71-86	2.1	6

142	Face Alignment With Deep Regression. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 183-194	10.3	28
141	A Survey on Learning to Hash. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2018 , 40, 769-790	13.3	387
140	Multi-Dimensional Sparse Models. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2018 , 40, 163-178	13.3	32
139	Deep Triplet Quantization 2018 ,		21
138	Deep Priority Hashing 2018 ,		9
137	Deep Convolutional Neural Networks with Merge-and-Run Mappings 2018 ,		15
136	Part-Aligned Bilinear Representations for Person Re-identification. <i>Lecture Notes in Computer Science</i> , 2018 , 418-437	0.9	154
135	Interleaved Structured Sparse Convolutional Neural Networks 2018 ,		55
134	Global Versus Localized Generative Adversarial Nets 2018 ,		36
133	Rethinking ReLU to Train Better CNNs 2018 ,		10
132	Weakly-Supervised Semantic Segmentation Network with Deep Seeded Region Growing 2018 ,		174
131	Group Re-Identification 2018 ,		12
130	On the Large-Scale Transferability of Convolutional Neural Networks. <i>Lecture Notes in Computer Science</i> , 2018 , 27-39	0.9	
129	Multi-Timescale Collaborative Tracking. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2017 , 39, 141-155	13.3	6
128	Salient Object Detection: A Discriminative Regional Feature Integration Approach. <i>International Journal of Computer Vision</i> , 2017 , 123, 251-268	10.6	113
127	Exemplar-Guided Similarity Learning on Polynomial Kernel Feature Map for Person Re-identification. <i>International Journal of Computer Vision</i> , 2017 , 123, 392-414	10.6	9
126	Towards Reversal-Invariant Image Representation. <i>International Journal of Computer Vision</i> , 2017 , 123, 226-250	10.6	17
125	Learning Correspondence Structures for Person Re-Identification. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 2438-2453	8.7	47

124	Finding the Secret of CNN Parameter Layout under Strict Size Constraint 2017 ,			1
123	Deeply-Learned Part-Aligned Representations for Person Re-identification 2017 ,			367
122	2017 ,			113
121	Human Pose Estimation Using Global and Local Normalization 2017 ,			25
120	Ensemble Diffusion for Retrieval 2017 ,			49
119	Random Shifting for CNN: a Solution to Reduce Information Loss in Down-Sampling Layers 2017 ,			7
118	Self-Paced Cross-Modal Subspace Matching 2016 ,			17
117	Generalized Deep Transfer Networks for Knowledge Propagation in Heterogeneous Domains. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2016 , 12, 1-22	3-4		94
116	Binary Optimized Hashing 2016 ,			25
115	Supervised Quantization for Similarity Search 2016 ,			41
114	InterActive: Inter-Layer Activeness Propagation 2016 ,			19
113	DeepSaliency: Multi-Task Deep Neural Network Model for Salient Object Detection. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 3919-30	8-7		336
112	Weakly Supervised Metric Learning for Traffic Sign Recognition in a LIDAR-Equipped Vehicle. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2016 , 17, 1415-1427	6.1		53
111	Dual Low-Rank Pursuit: Learning Salient Features for Saliency Detection. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016 , 27, 1190-200	10.3		14
110	Incorporating visual adjectives for image classification. <i>Neurocomputing</i> , 2016 , 182, 48-55	5.4		12
109	Joint Multilabel Classification With Community-Aware Label Graph Learning. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 484-93	8.7		16
108	. <i>IEEE Transactions on Multimedia</i> , 2016 , 18, 484-495	6.6		69
107	Fast Nearest Neighbor Search in the Hamming Space. <i>Lecture Notes in Computer Science</i> , 2016 , 325-336	0.9		9

106	Geometric Neural Phrase Pooling: Modeling the Spatial Co-occurrence of Neurons. <i>Lecture Notes in Computer Science</i> , 2016 , 645-661	0.9	4
105	Collaborative Quantization for Cross-Modal Similarity Search 2016 ,		31
104	DisturbLabel: Regularizing CNN on the Loss Layer 2016 ,		69
103	A Diffusion and Clustering-Based Approach for Finding Coherent Motions and Understanding Crowd Scenes. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 1674-87	8.7	65
102	Detection of Co-salient Objects by Looking Deep and Wide. <i>International Journal of Computer Vision</i> , 2016 , 120, 215-232	10.6	232
101	Accurate Image Search with Multi-Scale Contextual Evidences. <i>International Journal of Computer Vision</i> , 2016 , 120, 1-13	10.6	69
100	MARS: A Video Benchmark for Large-Scale Person Re-Identification. <i>Lecture Notes in Computer Science</i> , 2016 , 868-884	0.9	271
99	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2015 , 25, 1190-1202	6.4	4
98	Weakly-Shared Deep Transfer Networks for Heterogeneous-Domain Knowledge Propagation 2015 ,		131
97	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2015 , 27, 180-192	4.2	49
96	RIDE: Reversal Invariant Descriptor Enhancement 2015 ,		8
95	Person Re-Identification with Correspondence Structure Learning 2015 ,		98
94	Fast Approximate (K)-Means via Cluster Closures 2015 , 373-395		18
93	. <i>IEEE Transactions on Multimedia</i> , 2015 , 17, 636-647	6.6	43
92	Scalable Person Re-identification: A Benchmark 2015 ,		1435
91	Deep kinship verification 2015 ,		21
90	Similarity learning on an explicit polynomial kernel feature map for person re-identification 2015 ,		110
89	2015 ,		62

88	Sparse composite quantization 2015 ,		37
87	Fast Neighborhood Graph Search Using Cartesian Concatenation 2015 , 397-417		7
86	Regularized tree partitioning and its application to unsupervised image segmentation. <i>IEEE Transactions on Image Processing</i> , 2014 , 23, 1909-22	8.7	12
85	Image tag refinement by regularized latent Dirichlet allocation. <i>Computer Vision and Image Understanding</i> , 2014 , 124, 61-70	4.3	27
84	Finding Coherent Motions and Semantic Regions in Crowd Scenes: A Diffusion and Clustering Approach. <i>Lecture Notes in Computer Science</i> , 2014 , 756-771	0.9	26
83	Browse-to-Search. <i>ACM Transactions on Information Systems</i> , 2014 , 32, 1-27	4.8	8
82	Low-rank SIFT: An affine invariant feature for place recognition 2014 ,		3
81	Optimized Distances for Binary Code Ranking 2014 ,		11
80	Oriental Pyramid Matching for Recognizing Indoor Scenes 2014 ,		32
79	Trinary-projection trees for approximate nearest neighbor search. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2014 , 36, 388-403	13.3	30
78	Transductive 3D Shape Segmentation using Sparse Reconstruction. <i>Computer Graphics Forum</i> , 2014 , 33, 107-115	2.4	12
77	Personalized Video Recommendation through Graph Propagation. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2014 , 10, 1-17	3.4	17
76	How Fashion Talks: Clothing-Region-Based Gender Recognition. <i>Lecture Notes in Computer Science</i> , 2014 , 515-523	0.9	2
75	. <i>IEEE Transactions on Multimedia</i> , 2013 , 15, 594-607	6.6	40
74	Two dimensional synthesis sparse model 2013 ,		1
73	Two dimensional analysis sparse model 2013 ,		8
72	Online Robust Non-negative Dictionary Learning for Visual Tracking 2013 ,		113
71	Structure-Sensitive Superpixels via Geodesic Distance. <i>International Journal of Computer Vision</i> , 2013 , 103, 1-21	10.6	101

70	Order preserving hashing for approximate nearest neighbor search 2013 ,		66
69	Image search by graph-based label propagation with image representation from DNN 2013 ,		13
68	Clickage 2013 ,		58
67	Supervised Kernel Descriptors for Visual Recognition 2013 ,		26
66	Learning CRFs for Image Parsing with Adaptive Subgradient Descent 2013 ,		6
65	Fast Neighborhood Graph Search Using Cartesian Concatenation 2013 ,		12
64	Salient Object Detection: A Discriminative Regional Feature Integration Approach 2013 ,		595
63	. <i>IEEE Transactions on Multimedia</i> , 2012 , 14, 490-490	6.6	3
62	2012 ,		48
61	Contextual Dominant Color Name Extraction for Web Image Search 2012 ,		10
60	An interactive approach to semantic modeling of indoor scenes with an RGBD camera. <i>ACM Transactions on Graphics</i> , 2012 , 31, 1-11	7.6	137
59	Fast approximate k-means via cluster closures 2012 ,		19
58	Recommending Flickr groups with social topic model. <i>Information Retrieval</i> , 2012 , 15, 278-295	1.8	40
57	Scalable similar image search by joint indices 2012 ,		6
56	Color filter for image search 2012 ,		5
55	Personalized video recommendation through tripartite graph propagation 2012 ,		45
54	Query-driven iterated neighborhood graph search for large scale indexing 2012 ,		42
53	Similar image search with a tiny bag-of-delegates representation 2012 ,		5

52	Browse-to-search 2012 ,		4
51	Salient object detection for searched web images via global saliency 2012 ,		44
50	A Probabilistic Approach to Robust Matrix Factorization. <i>Lecture Notes in Computer Science</i> , 2012 , 126-139		62
49	A non-convex relaxation approach to sparse dictionary learning 2011 ,		28
48	. <i>IEEE Transactions on Multimedia</i> , 2011 , 13, 639-652	6.6	31
47	Hybrid image summarization 2011 ,		10
46	Learning to detect a salient object. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2011 , 33, 353-67	13.3	1009
45	Discriminative Sketch-based 3D Model Retrieval via Robust Shape Matching. <i>Computer Graphics Forum</i> , 2011 , 30, 2011-2020	2.4	45
44	Interactive browsing via diversified visual summarization for image search results. <i>Multimedia Systems</i> , 2011 , 17, 379-391	2.2	20
43	2011 ,		115
42	JIGSAW 2011 ,		11
41	A transductive multi-label learning approach for video concept detection. <i>Pattern Recognition</i> , 2011 , 44, 2274-2286	7.7	37
40	Robust visual reranking via sparsity and ranking constraints 2011 ,		19
39	Interactive Image Search by Color Map. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2011 , 3, 1-23	8	43
38	Contextual image search 2011 ,		7
37	Structure-sensitive superpixels via geodesic distance 2011 ,		12
36	Complementary hashing for approximate nearest neighbor search 2011 ,		21
35	Document clustering with universum 2011 ,		15

34	Automatic salient object segmentation based on context and shape prior 2011 ,		265
33	Optimizing kd-trees for scalable visual descriptor indexing 2010 ,		34
32	Learning to combine multi-resolution spatially-weighted co-occurrence matrices for image representation 2010 ,		1
31	Image search by concept map 2010 ,		30
30	Interactive image search by 2D semantic map 2010 ,		14
29	Dynamic Video Collage. <i>Lecture Notes in Computer Science</i> , 2010 , 793-795	0.9	3
28	. <i>IEEE Transactions on Multimedia</i> , 2009 , 11, 1225-1239	6.6	38
27	Tag refinement by regularized LDA 2009 ,		67
26	Graph-based semi-supervised learning with multiple labels. <i>Journal of Visual Communication and Image Representation</i> , 2009 , 20, 97-103	2.7	115
25	Linear neighborhood propagation and its applications. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2009 , 31, 1600-15	13.3	126
24	Maximum Margin Clustering with Pairwise Constraints 2008 ,		19
23	Optimized video scene segmentation 2008 ,		1
22	Joint multi-label multi-instance learning for image classification 2008 ,		8
21	Normalized tree partitioning for image segmentation 2008 ,		3
20	Graph-based semi-supervised learning with multi-label 2008 ,		3
19	Bayesian video search reranking 2008 ,		94
18	Finding image exemplars using fast sparse affinity propagation 2008 ,		45
17	Transductive multi-label learning for video concept detection 2008 ,		12

16	2008,			1
15	Semi-Supervised Classification with Universum 2008,			29
14	Face recognition using spectral features. <i>Pattern Recognition</i> , 2007 , 40, 2786-2797		7.7	24
13	Image-Based Modeling by Joint Segmentation. <i>International Journal of Computer Vision</i> , 2007 , 75, 135-150.6		7.6	20
12	Image-based tree modeling 2007,			31
11	Image-based tree modeling. <i>ACM Transactions on Graphics</i> , 2007 , 26, 87		7.6	115
10	Joint Affinity Propagation for Multiple View Segmentation 2007,			34
9	Image-based plant modeling. <i>ACM Transactions on Graphics</i> , 2006 , 25, 599-604		7.6	155
8	Image-based plant modeling 2006,			30
7	Visual object recognition using probabilistic kernel subspace similarity. <i>Pattern Recognition</i> , 2005 , 38, 997-1008		7.7	7
6	Probabilistic tangent subspace 2004,			10
5	Kernel Trick Embedded Gaussian Mixture Model. <i>Lecture Notes in Computer Science</i> , 2003 , 159-174		0.9	13
4	Color Image Segmentation: Kernel Do the Feature Space. <i>Lecture Notes in Computer Science</i> , 2003 , 253-264		0.9	1
3	Picture Collage			12
2	Spectral feature analysis			1
1	Semi-Supervised Classification Using Linear Neighborhood Propagation			7