

Yong-Dong Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2946059/publications.pdf>

Version: 2024-02-01

112
papers

4,657
citations

159585

30
h-index

128289

60
g-index

112
all docs

112
docs citations

112
times ranked

3616
citing authors

#	ARTICLE	IF	CITATIONS
1	Causal Incremental Graph Convolution for Recommender System Retraining. IEEE Transactions on Neural Networks and Learning Systems, 2024, PP, 1-11.	11.3	13
2	CatGCN: Graph Convolutional Networks With Categorical Node Features. IEEE Transactions on Knowledge and Data Engineering, 2023, 35, 3500-3511.	5.7	1
3	Ridge-Regression-Induced Robust Graph Relational Network. IEEE Transactions on Cybernetics, 2023, 53, 5631-5640.	9.5	0
4	S ² -Net: Semantic and Saliency Attention Network for Person Re-Identification. IEEE Transactions on Multimedia, 2023, 25, 4387-4399.	7.2	4
5	Multi-task hourglass network for online automatic diagnosis of developmental dysplasia of the hip. World Wide Web, 2023, 26, 539-559.	4.0	5
6	Learning Pixel Affinity Pyramid for Arbitrary-Shaped Text Detection. ACM Transactions on Multimedia Computing, Communications and Applications, 2023, 19, 1-24.	4.3	2
7	Context-Aware Visual Policy Network for Fine-Grained Image Captioning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 710-722.	13.9	72
8	Multimodal Learning for Temporally Coherent Talking Face Generation With Articulator Synergy. IEEE Transactions on Multimedia, 2022, 24, 2950-2962.	7.2	8
9	Online Residual Quantization Via Streaming Data Correlation Preserving. IEEE Transactions on Multimedia, 2022, 24, 981-994.	7.2	11
10	Adaptive Spatial Location With Balanced Loss for Video Captioning. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 17-30.	8.3	9
11	Reliability Enhancement for VR Delivery in Mobile-Edge Empowered Dual-Connectivity Sub-6 GHz and mmWave HetNets. IEEE Transactions on Wireless Communications, 2022, 21, 2210-2226.	9.2	12
12	Boundary-Aware Arbitrary-Shaped Scene Text Detector With Learnable Embedding Network. IEEE Transactions on Multimedia, 2022, 24, 3129-3143.	7.2	4
13	Attribute-Induced Bias Eliminating for Transductive Zero-Shot Learning. IEEE Transactions on Multimedia, 2022, 24, 1933-1942.	7.2	2
14	Region-Aware Image Captioning via Interaction Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 3685-3696.	8.3	79
15	Mixed Dish Recognition With Contextual Relation and Domain Alignment. IEEE Transactions on Multimedia, 2022, 24, 2034-2045.	7.2	8
16	Toward Region-Aware Attention Learning for Scene Graph Generation. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 7655-7666.	11.3	11
17	High-Order Interaction Learning for Image Captioning. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 4417-4430.	8.3	52
18	Self-Supervised Synthesis Ranking for Deep Metric Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 4736-4750.	8.3	14

#	ARTICLE	IF	CITATIONS
19	Focus Your Attention: A Focal Attention for Multimodal Learning. IEEE Transactions on Multimedia, 2022, 24, 103-115.	7.2	5
20	Bilateral Temporal Re-Aggregation for Weakly-Supervised Video Object Segmentation. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 4498-4512.	8.3	9
21	Semantically Similarity-Wise Dual-Branch Network for Scene Graph Generation. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 4573-4583.	8.3	8
22	Attention-Guided Transformation-Invariant Attack for Black-Box Adversarial Examples. International Journal of Intelligent Systems, 2022, 37, 3142-3165.	5.7	3
23	Pediatric Seizure Prediction in Scalp EEG Using a Multi-Scale Neural Network With Dilated Convolutions. IEEE Journal of Translational Engineering in Health and Medicine, 2022, 10, 1-9.	3.7	27
24	Dynamic-Aware Federated Learning for Face Forgery Video Detection. ACM Transactions on Intelligent Systems and Technology, 2022, 13, 1-25.	4.5	6
25	Semi-Supervised Text Detection With Accurate Pseudo-Labels. IEEE Signal Processing Letters, 2022, 29, 1272-1276.	3.6	0
26	A Mutually Attentive Co-Training Framework for Semi-Supervised Recognition. IEEE Transactions on Multimedia, 2021, 23, 899-910.	7.2	9
27	Hip Landmark Detection With Dependency Mining in Ultrasound Image. IEEE Transactions on Medical Imaging, 2021, 40, 3762-3774.	8.9	13
28	R-Net: A Relationship Network for Efficient and Accurate Scene Text Detection. IEEE Transactions on Multimedia, 2021, 23, 1316-1329.	7.2	28
29	Consistency Graph Modeling for Semantic Correspondence. IEEE Transactions on Image Processing, 2021, 30, 4932-4946.	9.8	4
30	Local Correspondence Network for Weakly Supervised Temporal Sentence Grounding. IEEE Transactions on Image Processing, 2021, 30, 3252-3262.	9.8	30
31	PRRNet: Pixel-Region Relation Network for Face Forgery Detection. Pattern Recognition, 2021, 116, 107950.	8.1	55
32	Dual Optical Path Based Adaptive Compressive Sensing Imaging System. Sensors, 2021, 21, 6200.	3.8	1
33	Self-Supervised Attention Mechanism for Pediatric Bone Age Assessment With Efficient Weak Annotation. IEEE Transactions on Medical Imaging, 2021, 40, 2685-2697.	8.9	13
34	Multi-Scale Structure-Aware Network for Weakly Supervised Temporal Action Detection. IEEE Transactions on Image Processing, 2021, 30, 5848-5861.	9.8	15
35	Blockchain Based Secure Data Aggregation and Distributed Power Dispatching for Microgrids. IEEE Transactions on Smart Grid, 2021, 12, 5268-5279.	9.0	30
36	CGNet: A Light-Weight Context Guided Network for Semantic Segmentation. IEEE Transactions on Image Processing, 2021, 30, 1169-1179.	9.8	255

#	ARTICLE	IF	CITATIONS
37	Domain-Oriented Semantic Embedding for Zero-Shot Learning. IEEE Transactions on Multimedia, 2021, 23, 3919-3930.	7.2	7
38	Triangle-Reward Reinforcement Learning. , 2021, , .		4
39	Review and Arrange: Curriculum Learning for Natural Language Understanding. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 3307-3320.	5.8	7
40	Adaptively Clustering-Driven Learning for Visual Relationship Detection. IEEE Transactions on Multimedia, 2021, 23, 4515-4525.	7.2	19
41	Read Like Humans: Autonomous, Bidirectional and Iterative Language Modeling for Scene Text Recognition. , 2021, , .		134
42	Frequency-aware Discriminative Feature Learning Supervised by Single-Center Loss for Face Forgery Detection. , 2021, , .		111
43	Foreground Activation Maps for Weakly Supervised Object Localization. , 2021, , .		35
44	Task-aware Part Mining Network for Few-Shot Learning. , 2021, , .		23
45	Unlocking Author Power: On the Exploitation of Auxiliary Author-Retweeter Relations for Predicting Key Retweeters. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 547-559.	5.7	12
46	Perspective-Adaptive Convolutions for Scene Parsing. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 909-924.	13.9	12
47	Panoramic Light Field From Hand-Held Video and Its Sampling for Real-Time Rendering. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 1011-1021.	8.3	4
48	Multi-Level Policy and Reward-Based Deep Reinforcement Learning Framework for Image Captioning. IEEE Transactions on Multimedia, 2020, 22, 1372-1383.	7.2	72
49	An ICN/SDN-Based Network Architecture and Efficient Content Retrieval for Future Satellite-Terrestrial Integrated Networks. IEEE Network, 2020, 34, 188-195.	6.9	50
50	STAT: Spatial-Temporal Attention Mechanism for Video Captioning. IEEE Transactions on Multimedia, 2020, 22, 229-241.	7.2	244
51	Saliency Prediction Network for 360° Videos. IEEE Journal on Selected Topics in Signal Processing, 2020, 14, 27-37.	10.8	13
52	A User-Centric Handover Scheme for Ultra-Dense LEO Satellite Networks. IEEE Wireless Communications Letters, 2020, 9, 1904-1908.	5.0	30
53	Domain-Aware Visual Bias Eliminating for Generalized Zero-Shot Learning. , 2020, , .		74
54	Misshapen Pelvis Landmark Detection With Local-Global Feature Learning for Diagnosing Developmental Dysplasia of the Hip. IEEE Transactions on Medical Imaging, 2020, 39, 3944-3954.	8.9	25

#	ARTICLE	IF	CITATIONS
55	Global context and boundary structure-guided network for cross-modal organ segmentation. Information Processing and Management, 2020, 57, 102252.	8.6	11
56	Bidirectional Attention-Recognition Model for Fine-Grained Object Classification. IEEE Transactions on Multimedia, 2020, 22, 1785-1795.	7.2	39
57	Multi-Objective Matrix Normalization for Fine-Grained Visual Recognition. IEEE Transactions on Image Processing, 2020, 29, 4996-5009.	9.8	51
58	Corrections to "STAT: Spatial-Temporal Attention Mechanism for Video Captioning". IEEE Transactions on Multimedia, 2020, 22, 830-830.	7.2	20
59	Robust Deep Co-Saliency Detection With Group Semantic and Pyramid Attention. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1-11.	11.3	25
60	Energy Efficiency and Traffic Offloading Optimization in Integrated Satellite/Terrestrial Radio Access Networks. IEEE Transactions on Wireless Communications, 2020, 19, 2367-2381.	9.2	72
61	3D Room Layout Estimation From a Single RGB Image. IEEE Transactions on Multimedia, 2020, 22, 3014-3024.	7.2	139
62	Depth Image Denoising Using Nuclear Norm and Learning Graph Model. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-17.	4.3	145
63	Curriculum Learning for Natural Language Understanding. , 2020, , .		51
64	Learning Rich Attention for Pediatric Bone Age Assessment. Lecture Notes in Computer Science, 2020, , 232-242.	1.3	2
65	Part-Aware Interactive Learning for Scene Graph Generation. , 2020, , .		9
66	CRNet: A Center-aware Representation for Detecting Text of Arbitrary Shapes. , 2020, , .		19
67	Automated pulmonary nodule detection in CT images using deep convolutional neural networks. Pattern Recognition, 2019, 85, 109-119.	8.1	306
68	MLTS: A Multi-Language Scene Text Spotter. , 2019, , .		2
69	Semantic-Embedding and Shape-Aware U-Net for Ultrasound Eyeball Segmentation. , 2019, , .		6
70	Real-time Indoor Scene Reconstruction with RGBD and Inertial Input. , 2019, , .		9
71	Convolutional Attention Networks for Scene Text Recognition. ACM Transactions on Multimedia Computing, Communications and Applications, 2019, 15, 1-17.	4.3	53
72	Asymmetric GAN for Unpaired Image-to-Image Translation. IEEE Transactions on Image Processing, 2019, 28, 5881-5896.	9.8	63

#	ARTICLE	IF	CITATIONS
73	Temporal Netgrid Model-Based Dynamic Routing in Large-Scale Small Satellite Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 6009-6021.	6.3	88
74	Cross-Modality Bridging and Knowledge Transferring for Image Understanding. IEEE Transactions on Multimedia, 2019, 21, 2675-2685.	7.2	145
75	Double-Bit Quantization and Index Hashing for Nearest Neighbor Search. IEEE Transactions on Multimedia, 2019, 21, 1248-1260.	7.2	22
76	Deep Representation Learning With Part Loss for Person Re-Identification. IEEE Transactions on Image Processing, 2019, 28, 2860-2871.	9.8	282
77	Dual-Stream Recurrent Neural Network for Video Captioning. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 2482-2493.	8.3	69
78	Dynamic Resource Allocation for Streaming Scalable Videos in SDN-Aided Dense Small-Cell Networks. IEEE Transactions on Communications, 2019, 67, 2114-2129.	7.8	20
79	Multi-Domain and Multi-Task Learning for Human Action Recognition. IEEE Transactions on Image Processing, 2019, 28, 853-867.	9.8	41
80	Real-time indoor scene reconstruction with Manhattan assumption. Multimedia Tools and Applications, 2019, 78, 713-726.	3.9	1
81	Deep Cascaded Attention Network for Multi-task Brain Tumor Segmentation. Lecture Notes in Computer Science, 2019, , 420-428.	1.3	25
82	Mixed-dish Recognition with Contextual Relation Networks. , 2019, , .		24
83	Learning to Draw Text in Natural Images with Conditional Adversarial Networks. , 2019, , .		7
84	DSRN: A Deep Scale Relationship Network for Scene Text Detection. , 2019, , .		22
85	Extract Bone Parts Without Human Prior: End-to-end Convolutional Neural Network for Pediatric Bone Age Assessment. Lecture Notes in Computer Science, 2019, , 667-675.	1.3	11
86	Domain-Specific Embedding Network for Zero-Shot Recognition. , 2019, , .		14
87	Implicit Negative Sub-Categorization and Sink Diversion for Object Detection. IEEE Transactions on Image Processing, 2018, 27, 1561-1574.	9.8	11
88	GLA: Global-Local Attention for Image Description. IEEE Transactions on Multimedia, 2018, 20, 726-737.	7.2	86
89	Spherical Superpixel Segmentation. IEEE Transactions on Multimedia, 2018, 20, 1406-1417.	7.2	9
90	Supervised Hash Coding With Deep Neural Network for Environment Perception of Intelligent Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 284-295.	8.0	198

#	ARTICLE	IF	CITATIONS
91	Effective Uyghur Language Text Detection in Complex Background Images for Traffic Prompt Identification. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 220-229.	8.0	137
92	AutoBD: Automated Bi-Level Description for Scalable Fine-Grained Visual Categorization. IEEE Transactions on Image Processing, 2018, 27, 10-23.	9.8	33
93	Potential of Attention Mechanism for Classification of Optical Coherence Tomography Images. , 2018, , .		3
94	Image Captioning Based on Adaptive Balancing Loss. , 2018, , .		1
95	Style Separation and Synthesis via Generative Adversarial Networks. , 2018, , .		10
96	A Fast Uyghur Text Detector for Complex Background Images. IEEE Transactions on Multimedia, 2018, 20, 3389-3398.	7.2	164
97	Multi-Level Policy and Reward Reinforcement Learning for Image Captioning. , 2018, , .		14
98	High Resolution Feature Recovering for Accelerating Urban Scene Parsing. , 2018, , .		7
99	Trip Outfits Advisor: Location-Oriented Clothing Recommendation. IEEE Transactions on Multimedia, 2017, 19, 2533-2544.	7.2	57
100	DSP: Discriminative Spatial Part modeling for Fine-Grained Visual Categorization. Image and Vision Computing, 2017, 63, 24-37.	4.5	6
101	Object Localization Based on Proposal Fusion. IEEE Transactions on Multimedia, 2017, 19, 2105-2116.	7.2	17
102	Scale-Adaptive Convolutions for Scene Parsing. , 2017, , .		131
103	Task-Driven Dynamic Fusion: Reducing Ambiguity in Video Description. , 2017, , .		45
104	Web Image Search Re-Ranking With Click-Based Similarity and Typicality. IEEE Transactions on Image Processing, 2016, 25, 4617-4630.	9.8	16
105	Coarse-to-Fine Description for Fine-Grained Visual Categorization. IEEE Transactions on Image Processing, 2016, 25, 4858-4872.	9.8	71
106	Click-boosting multi-modality graph-based reranking for image search. Multimedia Systems, 2015, 21, 217-227.	4.7	21
107	Rescue Tail Queries. , 2014, , .		1
108	Contextual Query Expansion for Image Retrieval. IEEE Transactions on Multimedia, 2014, 16, 1104-1114.	7.2	50

#	ARTICLE	IF	CITATIONS
109	A Prior-Free Weighting Scheme for Binary Code Ranking. IEEE Transactions on Multimedia, 2014, 16, 1127-1139.	7.2	17
110	Image Search Reranking With Query-Dependent Click-Based Relevance Feedback. IEEE Transactions on Image Processing, 2014, 23, 4448-4459.	9.8	29
111	Robust common visual pattern discovery using graph matching. Journal of Visual Communication and Image Representation, 2013, 24, 635-646.	2.8	23
112	Robust Spatial Matching for Object Retrieval and Its Parallel Implementation on GPU. IEEE Transactions on Multimedia, 2011, 13, 1308-1318.	7.2	13