

Yang Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4823079/publications.pdf>

Version: 2024-02-01

135
papers

6,355
citations

117625

34
h-index

114465

63
g-index

138
all docs

138
docs citations

138
times ranked

3470
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving Rumor Detection by Promoting Information Campaigns With Transformer-Based Generative Adversarial Learning. IEEE Transactions on Knowledge and Data Engineering, 2023, 35, 2657-2670.	5.7	5
2	Region Attention Enhanced Unsupervised Cross-Domain Facial Emotion Recognition. IEEE Transactions on Knowledge and Data Engineering, 2023, 35, 4190-4201.	5.7	7
3	On the Imaginary Wings: Text-Assisted Complex-Valued Fusion Network for Fine-Grained Visual Classification. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 5112-5121.	11.3	3
4	Interpretable Signed Link Prediction With Signed Infomax Hyperbolic Graph. IEEE Transactions on Knowledge and Data Engineering, 2023, 35, 3991-4002.	5.7	1
5	Composition-Aware Image Steganography Through Adversarial Self-Generated Supervision. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 9451-9465.	11.3	1
6	MRA-Net: Improving VQA Via Multi-Modal Relation Attention Network. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 318-329.	13.9	51
7	Modeling Two-Stream Correspondence for Visual Sound Separation. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 3291-3302.	8.3	0
8	Universal Weighting Metric Learning for Cross-Modal Retrieval. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 6534-6545.	13.9	42
9	One-Shot Image-to-Image Translation via Part-Global Learning With a Multi-Adversarial Framework. IEEE Transactions on Multimedia, 2022, 24, 480-491.	7.2	6
10	Mind the Remainder: Taylor's Theorem View on Recurrent Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 1507-1519.	11.3	3
11	Push & Pull: Transferable Adversarial Examples With Attentive Attack. IEEE Transactions on Multimedia, 2022, 24, 2329-2338.	7.2	14
12	Entity Slot Filling for Visual Captioning. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 52-62.	8.3	19
13	Joint Feature Synthesis and Embedding: Adversarial Cross-Modal Retrieval Revisited. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 3030-3047.	13.9	24
14	Universal adversarial perturbations generative network. World Wide Web, 2022, 25, 1725-1746.	4.0	2
15	Adaptive Component Embedding for Domain Adaptation. IEEE Transactions on Cybernetics, 2021, 51, 3390-3403.	9.5	31
16	Exploiting Subspace Relation in Semantic Labels for Cross-Modal Hashing. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 3351-3365.	5.7	133
17	Collaborative Learning for Extremely Low Bit Asymmetric Hashing. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 3675-3685.	5.7	6
18	Arbitrary-View Human Action Recognition: A Varying-View RGB-D Action Dataset. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 289-300.	8.3	23

#	ARTICLE	IF	CITATIONS
19	Challenging tough samples in unsupervised domain adaptation. Pattern Recognition, 2021, 110, 107540.	8.1	19
20	Adversarial Attack Against Urban Scene Segmentation for Autonomous Vehicles. IEEE Transactions on Industrial Informatics, 2021, 17, 4117-4126.	11.3	20
21	CC-LSTM: Cross and Conditional Long-Short Time Memory for Video Captioning. Lecture Notes in Computer Science, 2021, , 353-365.	1.3	1
22	Learning a Weighted Classifier for Conditional Domain Adaptation. Knowledge-Based Systems, 2021, 215, 106774.	7.1	6
23	Graph-based variational auto-encoder for generalized zero-shot learning. , 2021, , .		1
24	Scene graph generation via multi-relation classification and cross-modal attention coordinator. , 2021, , .		0
25	Self-supervised adversarial learning for cross-modal retrieval. , 2021, , .		2
26	Semantic feature augmentation for fine-grained visual categorization with few-sample training. , 2021, , .		1
27	Multi-level expression guided attention network for referring expression comprehension. , 2021, , .		0
28	Toward Effective Intrusion Detection Using Log-Cosh Conditional Variational Autoencoder. IEEE Internet of Things Journal, 2021, 8, 6187-6196.	8.7	55
29	Radial Graph Convolutional Network for Visual Question Generation. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1654-1667.	11.3	32
30	View-invariant action recognition via Unsupervised Attention Transfer (UANT). Pattern Recognition, 2021, 113, 107807.	8.1	9
31	Multi-scale Dynamic Network for Temporal Action Detection. , 2021, , .		4
32	Arbitrary-view human action recognition via novel-view action generation. Pattern Recognition, 2021, 118, 108043.	8.1	37
33	Enhanced context encoding for single image raindrop removal. Science China Technological Sciences, 2021, 64, 2640-2650.	4.0	0
34	Cross-Modal Hybrid Feature Fusion for Image-Sentence Matching. ACM Transactions on Multimedia Computing, Communications and Applications, 2021, 17, 1-23.	4.3	25
35	Semantic Enhanced Cross-modal GAN for Zero-shot Learning. , 2021, , .		0
36	Hierarchical Composition Learning for Composed Query Image Retrieval. , 2021, , .		3

#	ARTICLE	IF	CITATIONS
37	Leveraging unpaired out-of-domain data for image captioning. Pattern Recognition Letters, 2020, 132, 132-140.	4.2	15
38	Graph Convolutional Network Hashing. IEEE Transactions on Cybernetics, 2020, 50, 1460-1472.	9.5	90
39	A Survey of Human Action Analysis in HRI Applications. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 2114-2128.	8.3	54
40	Scalable Deep Hashing for Large-Scale Social Image Retrieval. IEEE Transactions on Image Processing, 2020, 29, 1271-1284.	9.8	120
41	Discovering attractive segments in the user-generated video streams. Information Processing and Management, 2020, 57, 102130.	8.6	29
42	Ternary Adversarial Networks With Self-Supervision for Zero-Shot Cross-Modal Retrieval. IEEE Transactions on Cybernetics, 2020, 50, 2400-2413.	9.5	142
43	PML-LocNet: Improving Object Localization With Prior-Induced Multi-View Learning Network. IEEE Transactions on Image Processing, 2020, 29, 2568-2582.	9.8	2
44	Bidirectional Discrete Matrix Factorization Hashing for Image Search. IEEE Transactions on Cybernetics, 2020, 50, 4157-4168.	9.5	20
45	Optimal Projection Guided Transfer Hashing for Image Retrieval. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 3788-3802.	8.3	22
46	Fooled by Imagination: Adversarial Attack to Image Captioning Via Perturbation in Complex Domain. , 2020, , .		11
47	Deep-Like Hashing-in-Hash for Visual Retrieval: An Embarrassingly Simple Method. IEEE Transactions on Image Processing, 2020, 29, 8149-8162.	9.8	7
48	Universal Weighting Metric Learning for Cross-Modal Matching. , 2020, , .		58
49	Answer Again: Improving VQA with Cascaded-Answering Model. IEEE Transactions on Knowledge and Data Engineering, 2020, , 1-1.	5.7	9
50	Cross-Modal Attention With Semantic Consistence for Imageâ€™Text Matching. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 5412-5425.	11.3	148
51	A Context Knowledge Map Guided Coarse-to-Fine Action Recognition. IEEE Transactions on Image Processing, 2020, 29, 2742-2752.	9.8	33
52	The Disruptions of 5G on Data-Driven Technologies and Applications. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 1179-1198.	5.7	44
53	Incomplete Cross-modal Retrieval with Dual-Aligned Variational Autoencoders. , 2020, , .		25
54	Self-weighted Multi-view Fuzzy Clustering. ACM Transactions on Knowledge Discovery From Data, 2020, 14, 1-17.	3.5	20

#	ARTICLE	IF	CITATIONS
55	Sparse Graph Connectivity for Image Segmentation. ACM Transactions on Knowledge Discovery From Data, 2020, 14, 1-19.	3.5	3
56	Text-Embedded Bilinear Model for Fine-Grained Visual Recognition. , 2020, , .		4
57	Hierarchical Multi-Clue Modelling for POI Popularity Prediction with Heterogeneous Tourist Information. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 757-768.	5.7	37
58	Describing Video With Attention-Based Bidirectional LSTM. IEEE Transactions on Cybernetics, 2019, 49, 2631-2641.	9.5	179
59	More is Better: Precise and Detailed Image Captioning Using Online Positive Recall and Missing Concepts Mining. IEEE Transactions on Image Processing, 2019, 28, 32-44.	9.8	65
60	Web-based SBLR method of multimedia tools for computer-aided drawing. Multimedia Tools and Applications, 2019, 78, 799-816.	3.9	3
61	MR-NET: Exploiting Mutual Relation for Visual Relationship Detection. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 8110-8117.	4.9	15
62	Collective Reconstructive Embeddings for Cross-Modal Hashing. IEEE Transactions on Image Processing, 2019, 28, 2770-2784.	9.8	109
63	CRA-Net. , 2019, , .		33
64	Attention Transfer (ANT) Network for View-invariant Action Recognition. , 2019, , .		9
65	Multi-scale aggregation network for temporal action proposals. Pattern Recognition Letters, 2019, 122, 60-65.	4.2	9
66	Scalable Zero-Shot Learning via Binary Visual-Semantic Embeddings. IEEE Transactions on Image Processing, 2019, 28, 3662-3674.	9.8	30
67	Statistical Karyotype Analysis Using CNN and Geometric Optimization. IEEE Access, 2019, 7, 179445-179453.	4.2	29
68	Matching Images and Text with Multi-modal Tensor Fusion and Re-ranking. , 2019, , .		88
69	Cross-domain facial expression recognition via an intra-category common feature and inter-category Distinction feature fusion network. Neurocomputing, 2019, 333, 231-239.	5.9	56
70	Word-to-region attention network for visual question answering. Multimedia Tools and Applications, 2019, 78, 3843-3858.	3.9	24
71	Embedding and predicting the event at early stage. World Wide Web, 2019, 22, 1055-1074.	4.0	4
72	Residual Graph Convolutional Networks for Zero-Shot Learning. , 2019, , .		10

#	ARTICLE	IF	CITATIONS
73	Curiosity-driven Reinforcement Learning for Diverse Visual Paragraph Generation. , 2019, , .		25
74	Semantic binary coding for visual recognition via joint concept-attribute modelling. Multimedia Tools and Applications, 2018, 77, 22185-22198.	3.9	1
75	Unsupervised Deep Hashing with Similarity-Adaptive and Discrete Optimization. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 3034-3044.	13.9	294
76	A novel relevance feedback method for CBIR. World Wide Web, 2018, 21, 1505-1522.	4.0	10
77	Hashing with Angular Reconstructive Embeddings. IEEE Transactions on Image Processing, 2018, 27, 545-555.	9.8	85
78	Hierarchical topology based hand pose estimation from a single depth image. Multimedia Tools and Applications, 2018, 77, 10553-10568.	3.9	3
79	Robust discrete code modeling for supervised hashing. Pattern Recognition, 2018, 75, 128-135.	8.1	101
80	One-shot learning based pattern transition map for action early recognition. Signal Processing, 2018, 143, 364-370.	3.7	24
81	Zero-shot learning via discriminative representation extraction. Pattern Recognition Letters, 2018, 109, 27-34.	4.2	17
82	Learning binary codes with local and inner data structure. Neurocomputing, 2018, 282, 32-41.	5.9	6
83	Recurrent attention network using spatial-temporal relations for action recognition. Signal Processing, 2018, 145, 137-145.	3.7	23
84	Dual Learning for Visual Question Generation. , 2018, , .		16
85	Coarse-to-Fine Annotation Enrichment for Semantic Segmentation Learning. , 2018, , .		10
86	A Large-scale RGB-D Database for Arbitrary-view Human Action Recognition. , 2018, , .		33
87	Visual Spatial Attention Network for Relationship Detection. , 2018, , .		19
88	Index and Retrieve Multimedia Data: Cross-Modal Hashing by Learning Subspace Relation. Lecture Notes in Computer Science, 2018, , 606-621.	1.3	7
89	Video Captioning by Adversarial LSTM. IEEE Transactions on Image Processing, 2018, 27, 5600-5611.	9.8	174
90	Modal-adversarial Semantic Learning Network for Extendable Cross-modal Retrieval. , 2018, , .		35

#	ARTICLE	IF	CITATIONS
91	Domain Invariant Subspace Learning for Cross-Modal Retrieval. Lecture Notes in Computer Science, 2018, , 94-105.	1.3	2
92	Multi-view feature selection and classification for Alzheimer's Disease diagnosis. Multimedia Tools and Applications, 2017, 76, 10761-10775.	3.9	19
93	Hierarchical Latent Concept Discovery for Video Event Detection. IEEE Transactions on Image Processing, 2017, 26, 2149-2162.	9.8	21
94	Supervised hashing with adaptive discrete optimization for multimedia retrieval. Neurocomputing, 2017, 253, 97-103.	5.9	12
95	Captioning Videos Using Large-Scale Image Corpus. Journal of Computer Science and Technology, 2017, 32, 480-493.	1.5	10
96	Discrete Nonnegative Spectral Clustering. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 1834-1845.	5.7	65
97	Robust Web Image Annotation via Exploring Multi-Facet and Structural Knowledge. IEEE Transactions on Image Processing, 2017, 26, 4871-4884.	9.8	43
98	Learning Discriminative Binary Codes for Large-scale Cross-modal Retrieval. IEEE Transactions on Image Processing, 2017, 26, 2494-2507.	9.8	345
99	Classification by Retrieval. , 2017, , .		32
100	Matrix Tri-Factorization with Manifold Regularizations for Zero-Shot Learning. , 2017, , .		85
101	Adaptively Attending to Visual Attributes and Linguistic Knowledge for Captioning. , 2017, , .		32
102	Adversarial Cross-Modal Retrieval. , 2017, , .		509
103	Asymmetric Binary Coding for Image Search. IEEE Transactions on Multimedia, 2017, 19, 2022-2032.	7.2	108
104	Semi-Paired Discrete Hashing: Learning Latent Hash Codes for Semi-Paired Cross-View Retrieval. IEEE Transactions on Cybernetics, 2017, 47, 4275-4288.	9.5	101
105	Jointly Modeling Static Visual Appearance and Temporal Pattern for Unsupervised Video Hashing. , 2017, , .		10
106	Efficient Binary Coding for Subspace-based Query-by-Image Video Retrieval. , 2017, , .		6
107	Deep Asymmetric Pairwise Hashing. , 2017, , .		88
108	Asymmetric sparse hashing. , 2017, , .		4

#	ARTICLE	IF	CITATIONS
109	Attribute hashing for zero-shot image retrieval. , 2017, , .		29
110	Deep Semantic Indexing Using Convolutional Localization Network with Region-Based Visual Attention for Image Database. Lecture Notes in Computer Science, 2017, , 261-272.	1.3	6
111	Efficient Supervised Hashing via Exploring Local and Inner Data Structure. Lecture Notes in Computer Science, 2017, , 98-109.	1.3	0
112	Bidirectional Long-Short Term Memory for Video Description. , 2016, , .		46
113	$\langle \text{mml:math xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{ altimg}=\text{"si0002.gif"} \text{ overflow}=\text{"scroll"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle L \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle , \langle \text{mml:mathvariant}=\text{"normal"} \rangle \text{-norm} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ and sample constraint based feature selection and classification for AD diagnosis. Neurocomputing. 2016. 195. 104-111.	5.9	14
114	Binary code learning via optimal class representations. Neurocomputing, 2016, 208, 59-65.	5.9	0
115	Web Video Event Recognition by Semantic Analysis From Ubiquitous Documents. IEEE Transactions on Image Processing, 2016, 25, 5689-5701.	9.8	16
116	A Fast Optimization Method for General Binary Code Learning. IEEE Transactions on Image Processing, 2016, 25, 5610-5621.	9.8	138
117	Combining multi-representation for multimedia event detection using co-training. Neurocomputing, 2016, 217, 11-18.	5.9	8
118	Zero-Shot Hashing via Transferring Supervised Knowledge. , 2016, , .		109
119	Deep Fusion of Multiple Semantic Cues for Complex Event Recognition. IEEE Transactions on Image Processing, 2016, 25, 1033-1046.	9.8	54
120	Face recognition using linear representation ensembles. Pattern Recognition, 2016, 59, 72-87.	8.1	20
121	Face image classification by pooling raw features. Pattern Recognition, 2016, 54, 94-103.	8.1	46
122	Visual Coding in a Semantic Hierarchy. , 2015, , .		32
123	Learning Binary Codes for Maximum Inner Product Search. , 2015, , .		94
124	Robust Discrete Spectral Hashing for Large-Scale Image Semantic Indexing. IEEE Transactions on Big Data, 2015, 1, 162-171.	6.1	82
125	Enhancing Video Event Recognition Using Automatically Constructed Semantic-Visual Knowledge Base. IEEE Transactions on Multimedia, 2015, 17, 1562-1575.	7.2	35
126	Multitask Spectral Clustering by Exploring Intertask Correlation. IEEE Transactions on Cybernetics, 2015, 45, 1083-1094.	9.5	150

#	ARTICLE	IF	CITATIONS
127	EventEye. , 2014, , .		4
128	Exploiting Web Images for Semantic Video &newline/>Indexing Via Robust Sample-Specific Loss. IEEE Transactions on Multimedia, 2014, 16, 1677-1689.	7.2	119
129	On the Influence Propagation of Web Videos. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 1961-1973.	5.7	7
130	Self-taught dimensionality reduction on the high-dimensional small-sized data. Pattern Recognition, 2013, 46, 215-229.	8.1	126
131	Effective transfer tagging from image to video. ACM Transactions on Multimedia Computing, Communications and Applications, 2013, 9, 1-20.	4.3	50
132	Attribute-augmented semantic hierarchy. , 2013, , .		113
133	Inter-media hashing for large-scale retrieval from heterogeneous data sources. , 2013, , .		442
134	Tag localization with spatial correlations and joint group sparsity. , 2011, , .		83
135	Transfer tagging from image to video. , 2011, , .		13