Lianli Gao

List of Publications by Year in descending order

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Version: 2024-02-01

69 papers	3,245 citations	279798 23 h-index	175258 52 g-index
71 all docs	71 docs citations	71 times ranked	2706 citing authors

#	Article	IF	Citations
1	Video Captioning With Attention-Based LSTM and Semantic Consistency. IEEE Transactions on Multimedia, 2017, 19, 2045-2055.	7.2	491
2	Beyond Frame-level CNN: Saliency-Aware 3-D CNN With LSTM for Video Action Recognition. IEEE Signal Processing Letters, 2017, 24, 510-514.	3.6	223
3	Two-Stream 3-D convNet Fusion for Action Recognition in Videos With Arbitrary Size and Length. IEEE Transactions on Multimedia, 2018, 20, 634-644.	7.2	209
4	Self-Supervised Video Hashing With Hierarchical Binary Auto-Encoder. IEEE Transactions on Image Processing, 2018, 27, 3210-3221.	9.8	197
5	From Deterministic to Generative: Multimodal Stochastic RNNs for Video Captioning. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3047-3058.	11.3	160
6	Quantization-based hashing: a general framework for scalable image and video retrieval. Pattern Recognition, 2018, 75, 175-187.	8.1	151
7	Deep adversarial metric learning for cross-modal retrieval. World Wide Web, 2019, 22, 657-672.	4.0	151
8	Hierarchical LSTMs with Adaptive Attention for Visual Captioning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 42, 1-1.	13.9	143
9	Beyond RNNs: Positional Self-Attention with Co-Attention for Video Question Answering. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 8658-8665.	4.9	134
10	Hierarchical LSTM with Adjusted Temporal Attention for Video Captioning. , 2017, , .		111
11	Optimized Graph Learning Using Partial Tags and Multiple Features for Image and Video Annotation. IEEE Transactions on Image Processing, 2016, 25, 4999-5011.	9.8	107
12	Optimal graph learning with partial tags and multiple features for image and video annotation. , 2015, , .		57
13	Common and distinct changes of default mode and salience network in schizophrenia and major depression. Brain Imaging and Behavior, 2018, 12, 1708-1719.	2.1	56
14	Dual Conditional GANs for Face Aging and Rejuvenation. , 2018, , .		56
15	Unified Binary Generative Adversarial Network for Image Retrieval and Compression. International Journal of Computer Vision, 2020, 128, 2243-2264.	15.6	47
16	Learnable Aggregating Net with Diversity Learning for Video Question Answering. , 2019, , .		46
17	Attention-based LSTM with Semantic Consistency for Videos Captioning. , 2016, , .		45
18	Deep appearance and motion learning for egocentric activity recognition. Neurocomputing, 2018, 275, 438-447.	5.9	44

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19	Hierarchical Representation Network With Auxiliary Tasks for Video Captioning and Video Question Answering. IEEE Transactions on Image Processing, 2022, 31, 202-215.	9.8	39
20	Traffic sign detection and recognition based on pyramidal convolutional networks. Neural Computing and Applications, 2020, 32, 6533-6543.	5.6	35
21	Structured Two-Stream Attention Network for Video Question Answering. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 6391-6398.	4.9	33
22	Supervised Hashing with Pseudo Labels for Scalable Multimedia Retrieval. , 2015, , .		32
23	Small Object Detection Using Deep Feature Pyramid Networks. Lecture Notes in Computer Science, 2018, , 554-564.	1.3	32
24	Residual attention-based LSTM for video captioning. World Wide Web, 2019, 22, 621-636.	4.0	31
25	Fused GRU with semantic-temporal attention for video captioning. Neurocomputing, 2020, 395, 222-228.	5.9	30
26	Scalable Multimedia Retrieval by Deep Learning Hashing with Relative Similarity Learning. , 2015, , .		29
27	Rich Visual Knowledge-Based Augmentation Network for Visual Question Answering. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 4362-4373.	11.3	28
28	Spatial and temporal scoring for egocentric video summarization. Neurocomputing, 2016, 208, 299-308.	5.9	26
29	Lightweight dynamic conditional GAN with pyramid attention for text-to-image synthesis. Pattern Recognition, 2021, 110, 107384.	8.1	25
30	Learning Cross-Modal Common Representations by Privateâ€“Shared Subspaces Separation. IEEE Transactions on Cybernetics, 2022, 52, 3261-3275.	9.5	24
31	Deep and fast: Deep learning hashing with semi-supervised graph construction. Image and Vision Computing, 2016, 55, 101-108.	4.5	23
32	Low-rank network signatures in the triple network separate schizophrenia and major depressive disorder. NeuroImage: Clinical, 2019, 22, 101725.	2.7	22
33	What Machines See Is Not What They Get: Fooling Scene Text Recognition Models With Adversarial Text Images. , 2020, , .		22
34	Question-Led object attention for visual question answering. Neurocomputing, 2020, 391, 227-233.	5.9	21
35	Real-time social media retrieval with spatial, temporal and social constraints. Neurocomputing, 2017, 253, 77-88.	5.9	20
36	Sharp and Real Image Super-Resolution Using Generative Adversarial Network. Lecture Notes in Computer Science, 2017, , 217-226.	1.3	20

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37	Text-instance graph: Exploring the relational semantics for text-based visual question answering. Pattern Recognition, 2022, 124, 108455.	8.1	20
38	Cognitive visual anomaly detection with constrained latent representations for industrial inspection robot. Applied Soft Computing Journal, 2020, 95, 106539.	7.2	18
39	Action-Centric Relation Transformer Network for Video Question Answering. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 63-74.	8.3	18
40	Self-representation nearest neighbor search for classification. Neurocomputing, 2016, 195, 137-142.	5.9	17
41	Exploiting long-term temporal dynamics for video captioning. World Wide Web, 2019, 22, 735-749.	4.0	17
42	One-shot Scene Graph Generation. , 2020, , .		16
43	Joint Graph Learning and Video Segmentation via Multiple Cues and Topology Calibration. , 2016, , .		14
44	Examine before You Answer. , 2018, , .		14
45	Push & Pull: Transferable Adversarial Examples With Attentive Attack. IEEE Transactions on Multimedia, 2022, 24, 2329-2338.	7.2	14
46	AgeGAN++: Face Aging and Rejuvenation With Dual Conditional GANs. IEEE Transactions on Multimedia, 2022, 24, 791-804.	7.2	14
47	Large Factor Image Super-Resolution With Cascaded Convolutional Neural Networks. IEEE Transactions on Multimedia, 2021, 23, 2172-2184.	7.2	13
48	Play and rewind: Context-aware video temporal action proposals. Pattern Recognition, 2020, 107, 107477.	8.1	13
49	Correlated Features Synthesis and Alignment for Zero-shot Cross-modal Retrieval. , 2020, , .		13
50	Foreground-Background Parallel Compression With Residual Encoding for Surveillance Video. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 2711-2724.	8.3	12
51	Zero-shot Image Categorization by Image Correlation Exploration. , 2015, , .		11
52	Kernel based latent semantic sparse hashing for large-scale retrieval from heterogeneous data sources. Neurocomputing, 2017, 253, 89-96.	5.9	11
53	Feature aggregating hashing for image copy detection. World Wide Web, 2016, 19, 217-229.	4.0	9
54	GuessWhich? Visual dialog with attentive memory network. Pattern Recognition, 2021, 114, 107823.	8.1	8

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55	Semisupervised Network Embedding With Differentiable Deep Quantization. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 4791-4802.	11.3	8
56	Relation Regularized Scene Graph Generation. IEEE Transactions on Cybernetics, 2022, 52, 5961-5972.	9.5	7
57	Unsupervised urban scene segmentation via domain adaptation. Neurocomputing, 2020, 406, 295-301.	5.9	6
58	Temporal Denoising Mask Synthesis Network for Learning Blind Video Temporal Consistency. , 2020, , .		6
59	Generalized pyramid co-attention with learnable aggregation net for video question answering. Pattern Recognition, 2021, 120, 108145.	8.1	5
60	One Network for Multi-Domains: Domain Adaptive Hashing with Intersectant Generative Adversarial Networks. , 2019, , .		5
61	KTN: Knowledge Transfer Network for Learning Multiperson 2D-3D Correspondences. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 7732-7745.	8.3	5
62	Label-Guided Generative Adversarial Network for Realistic Image Synthesis. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, , 1-24.	13.9	5
63	Exploring Viewable Angle Information in Georeferenced Video Search. , 2015, , .		4
64	Multiple hierarchical deep hashing for large scale image retrieval. Multimedia Tools and Applications, 2018, 77, 10471-10484.	3.9	3
65	Coarse-to-fine Image Co-segmentation with Intra and Inter Rank Constraints. , 2018, , .		3
66	A framework for image dark data assessment. World Wide Web, 2020, 23, 2079-2105.	4.0	2
67	Deep Hash-based Relevance-aware Data Quality Assessment for Image Dark Data. ACM/IMS Transactions on Data Science, 2021, 2, 1-26.	2.0	2
68	SKANet: Structured Knowledge-Aware Network for Visual Dialog. , 2021, , .		2
69	Jointly Learning Attentions with Semantic Cross-Modal Correlation for Visual Question Answering. Lecture Notes in Computer Science, 2017, , 248-260.	1.3	2