Qi Wu

List of Publications by Citations

72 papers	**1,753** citations	**19** h-index	**41** g-index
83 ext. papers	**2,621** ext. citations	**3.9** avg, IF	**5.47** L-index

#	Paper	IF	Citations
72	What Value Do Explicit High Level Concepts Have in Vision to Language Problems? **2016**,		194
71	Vision-and-Language Navigation: Interpreting Visually-Grounded Navigation Instructions in Real Environments **2018**,		170
70	Image Captioning and Visual Question Answering Based on Attributes and External Knowledge. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2018**, 40, 1367-1381	13.3	147
69	Ask Me Anything: Free-Form Visual Question Answering Based on Knowledge from External Sources **2016**,		126
68	Medical image classification using synergic deep learning. *Medical Image Analysis*, **2019**, 54, 10-19	15.4	117
67	Learning Semantic Concepts and Order for Image and Sentence Matching **2018**,		111
66	Visual question answering: A survey of methods and datasets. *Computer Vision and Image Understanding*, **2017**, 163, 21-40	4.3	108
65	FVQA: Fact-based Visual Question Answering. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2018**, 40, 2413-2427	13.3	97
64	. *IEEE Transactions on Multimedia*, **2018**, 20, 2801-2813	6.6	76
63	**2018**,		59
62	Neighbourhood Watch: Referring Expression Comprehension via Language-Guided Graph Attention Networks **2019**,		52
61	Explicit Knowledge-based Reasoning for Visual Question Answering **2017**,		35
60	Visual Question Answering with Memory-Augmented Networks **2018**,		34
59	Parallel Attention: A Unified Framework for Visual Object Discovery Through Dialogs and Queries **2018**,		32
58	Are You Talking to Me? Reasoned Visual Dialog Generation Through Adversarial Learning **2018**,		31
57	. *IEEE Transactions on Multimedia*, **2019**, 21, 1971-1981	6.6	30
56	The VQA-Machine: Learning How to Use Existing Vision Algorithms to Answer New Questions **2017**,		30

55	Skin Lesion Classification in Dermoscopy Images Using Synergic Deep Learning. *Lecture Notes in Computer Science*, **2018**, 12-20	0.9	29
54	Non-Salient Region Object Mining for Weakly Supervised Semantic Segmentation **2021**,		24
53	REVERIE: Remote Embodied Visual Referring Expression in Real Indoor Environments **2020**,		19
52	. *IEEE Signal Processing Magazine*, **2017**, 34, 63-75	9.4	18
51	. *IEEE Transactions on Multimedia*, **2020**, 22, 3196-3209	6.6	17
50	Cross-depiction problem: Recognition and synthesis of photographs and artwork. *Computational Visual Media*, **2015**, 1, 91-103	3.9	16
49	Jo-SRC: A Contrastive Approach for Combating Noisy Labels **2021**,		14
48	Data-driven Meta-set Based Fine-Grained Visual Recognition **2020**,		13
47	Image and Sentence Matching via Semantic Concepts and Order Learning. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2020**, 42, 636-650	13.3	11
46	Overcoming Language Priors in VQA via Decomposed Linguistic Representations. *Proceedings of the AAAI Conference on Artificial Intelligence*, **2020**, 34, 11181-11188	5	10
45	Beyond Photo-Domain Object Recognition: Benchmarks for the Cross-Depiction Problem **2015**,		9
44	DualVD: An Adaptive Dual Encoding Model for Deep Visual Understanding in Visual Dialogue. *Proceedings of the AAAI Conference on Artificial Intelligence*, **2020**, 34, 11125-11132	5	9
43	Learning Graphs to Model Visual Objects across Different Depictive Styles. *Lecture Notes in Computer Science*, **2014**, 313-328	0.9	9
42	Mind Your Neighbours: Image Annotation With Metadata Neighbourhood Graph Co-Attention Networks **2019**,		9
41	Goal-Oriented Visual Question Generation via Intermediate Rewards. *Lecture Notes in Computer Science*, **2018**, 189-204	0.9	7
40	. *IEEE Transactions on Circuits and Systems for Video Technology*, **2020**, 1-1	6.4	6
39	Room-and-Object Aware Knowledge Reasoning for Remote Embodied Referring Expression **2021**,		5
38	Length-Controllable Image Captioning. *Lecture Notes in Computer Science*, **2020**, 712-729	0.9	5

37	Object-and-Action Aware Model for Visual Language Navigation. *Lecture Notes in Computer Science*, **2020**, 303-317	0.9	5
36	Heritage image annotation via collective knowledge. *Pattern Recognition*, **2019**, 93, 204-214	7.7	4
35	Soft Expert Reward Learning for Vision-and-Language Navigation. *Lecture Notes in Computer Science*, **2020**, 126-141	0.9	4
34	Scripted Video Generation With a Bottom-Up Generative Adversarial Network. *IEEE Transactions on Image Processing*, **2020**, 29, 7454-7467	8.7	4
33	Cops-Ref: A New Dataset and Task on Compositional Referring Expression Comprehension **2020**,		4
32	Whatβs to Know? Uncertainty as a Guide to Asking Goal-Oriented Questions **2019**,		4
31	Research of UAV target detection and flight control based on deep learning **2018**,		4
30	Visual-Semantic Graph Matching for Visual Grounding **2020**,		3
29	. *IEEE Transactions on Multimedia*, **2021**, 1-1	6.6	3
28	An Attribute-Based High-Level Image Representation for Scene Classification. *IEEE Access*, **2019**, 7, 4629-4640	3.5	3
27	. *IEEE Transactions on Multimedia*, **2021**, 1-1	6.6	3
26	Medical Data Inquiry Using a Question Answering Model **2020**,		2
25	A proposal-free one-stage framework for referring expression comprehension and generation via dense cross-attention. *IEEE Transactions on Multimedia*, **2022**, 1-1	6.6	2
24	Give Me Something to Eat: Referring Expression Comprehension with Commonsense Knowledge **2020**,		2
23	Prime Shapes in Natural Images **2012**,		2
22	Modelling Visual Objects Invariant to Depictive Style **2013**,		2
21	Optimistic Agent: Accurate Graph-Based Value Estimation for More Successful Visual Navigation **2021**,		2
20	. *IEEE Open Journal of Intelligent Transportation Systems*, **2021**, 1-1	1.7	1

19	. *IEEE Transactions on Multimedia*, **2020**, 1-1	6.6	1
18	Visual Grounding via Accumulated Attention. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2020**, PP,	13.3	1
17	Learning Dual Encoding Model for Adaptive Visual Understanding in Visual Dialogue. *IEEE Transactions on Image Processing*, **2021**, 30, 220-233	8.7	1
16	Medical VQA. *Advances in Computer Vision and Pattern Recognition*, **2022**, 165-176	1.1	0
15	Deep Learning Basics. *Advances in Computer Vision and Pattern Recognition*, **2022**, 15-26	1.1	0
14	Modular Graph Attention Network for Complex Visual Relational Reasoning. *Lecture Notes in Computer Science*, **2021**, 137-153	0.9	
13	. *IEEE Transactions on Multimedia*, **2021**, 1-1	6.6	
12	Vision-and-Language Pretraining for VQA. *Advances in Computer Vision and Pattern Recognition*, **2022**, 91-107	1.1	
11	Knowledge-Based VQA. *Advances in Computer Vision and Pattern Recognition*, **2022**, 73-90	1.1	
10	Visual Question Generation. *Advances in Computer Vision and Pattern Recognition*, **2022**, 189-197	1.1	
9	Classical Visual Question Answering. *Advances in Computer Vision and Pattern Recognition*, **2022**, 35-72	1.1	
8	Video Representation Learning. *Advances in Computer Vision and Pattern Recognition*, **2022**, 111-117	1.1	
7	Text-Based VQA. *Advances in Computer Vision and Pattern Recognition*, **2022**, 177-187	1.1	
6	Visual Dialogue. *Advances in Computer Vision and Pattern Recognition*, **2022**, 199-218	1.1	
5	Video Question Answering. *Advances in Computer Vision and Pattern Recognition*, **2022**, 119-133	1.1	
4	Question Answering (QA) Basics. *Advances in Computer Vision and Pattern Recognition*, **2022**, 27-31	1.1	
3	Embodied VQA. *Advances in Computer Vision and Pattern Recognition*, **2022**, 147-164	1.1	
2	Advanced Models for Video Question Answering. *Advances in Computer Vision and Pattern Recognition*, **2022**, 135-143	1.1	

1   Referring Expression Comprehension. *Advances in Computer Vision and Pattern Recognition*, **2022,** 219-230.

6