

Christopher Kanan

List of Publications by Year in descending order

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citations

623734

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docs citations

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times ranked

3286
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective Replay Enhances Learning in Online Continual Analogical Reasoning. , 2021, , .		4
2	Avalanche: an End-to-End Library for Continual Learning. , 2021, , .		42
3	Replay in Deep Learning: Current Approaches and Missing Biological Elements. Neural Computation, 2021, 33, 1-44.	2.2	32
4	Lifelong Machine Learning with Deep Streaming Linear Discriminant Analysis. , 2020, , .		45
5	Answering Questions about Data Visualizations using Efficient Bimodal Fusion. , 2020, , .		21
6	Are open set classification methods effective on large-scale datasets?. PLoS ONE, 2020, 15, e0238302.	2.5	16
7	Novel artificial intelligence system increases the detection of prostate cancer in whole slide images of core needle biopsies. Modern Pathology, 2020, 33, 2058-2066.	5.5	101
8	AeroRIT: A New Scene for Hyperspectral Image Analysis. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 8116-8124.	6.3	28
9	REMIND Your Neural Network to Prevent Catastrophic Forgetting. Lecture Notes in Computer Science, 2020, , 466-483.	1.3	78
10	Improved Robustness to Open Set Inputs via Tempered Mixup. Lecture Notes in Computer Science, 2020, , 186-201.	1.3	1
11	Memory Efficient Experience Replay for Streaming Learning. , 2019, , .		80
12	Continual lifelong learning with neural networks: A review. Neural Networks, 2019, 113, 54-71.	5.9	1,365
13	Challenges and Prospects in Vision and Language Research. Frontiers in Artificial Intelligence, 2019, 2, 28.	3.4	22
14	Answer Them All! Toward Universal Visual Question Answering Models. , 2019, , .		56
15	Algorithms for semantic segmentation of multispectral remote sensing imagery using deep learning. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 145, 60-77.	11.1	347
16	New Metrics and Experimental Paradigms for Continual Learning. , 2018, , .		12
17	DVQA: Understanding Data Visualizations via Question Answering. , 2018, , .		103
18	Classification and Statistics of Gaze In World Events. Journal of Vision, 2018, 18, 376.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Self-Taught Feature Learning for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 2693-2705.	6.3	90
20	Visual question answering: Datasets, algorithms, and future challenges. Computer Vision and Image Understanding, 2017, 163, 3-20.	4.7	131
21	An Analysis of Visual Question Answering Algorithms. , 2017, , .		124
22	Predicting Top-of-Atmosphere Thermal Radiance Using MERRA-2 Atmospheric Data with Deep Learning. Remote Sensing, 2017, 9, 1133.	4.0	18
23	Gaze-in-World movement Classification for Unconstrained Head Motion during Natural Tasks.. Journal of Vision, 2017, 17, 1156.	0.3	2
24	Modeling Hand-Eye Movements in a Virtual Ball Catching Setup using Deep Recurrent Neural Network. Journal of Vision, 2017, 17, 17.	0.3	3
25	Answer-Type Prediction for Visual Question Answering. , 2016, , .		69
26	A Bayesian Model of Visual Question Answering. Journal of Vision, 2016, 16, 332.	0.3	1
27	Humans have idiosyncratic and task-specific scanpaths for judging faces. Vision Research, 2015, 108, 67-76.	1.4	66
28	A neuromorphic system for visual object recognition. Biologically Inspired Cognitive Architectures, 2014, 8, 33-45.	0.9	7
29	The Moving Window Technique: A Window Into Developmental Changes in Attention During Facial Emotion Recognition. Child Development, 2013, 84, 1407-1424.	3.0	13
30	Active Object Recognition with a Space-Variant Retina. , 2013, 2013, 1-10.		7
31	Recognizing Sights, Smells, and Sounds with Gnostic Fields. PLoS ONE, 2013, 8, e54088.	2.5	8
32	Color-to-Grayscale: Does the Method Matter in Image Recognition?. PLoS ONE, 2012, 7, e29740.	2.5	240
33	Color Constancy Algorithms for Object and Face Recognition. Lecture Notes in Computer Science, 2010, , 199-210.	1.3	9
34	SUN: Top-down saliency using natural statistics. Visual Cognition, 2009, 17, 979-1003.	1.6	230