

Vincenzo Lomonaco

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1585086/publications.pdf>

Version: 2024-02-01

22
papers

716
citations

1163117

8
h-index

1199594

12
g-index

23
all docs

23
docs citations

23
times ranked

434
citing authors

#	ARTICLE	IF	CITATIONS
1	CVPR 2020 continual learning in computer vision competition: Approaches, results, current challenges and future directions. <i>Artificial Intelligence</i> , 2022, 303, 103635.	5.8	17
2	Is Class-Incremental Enough for Continual Learning?. <i>Frontiers in Artificial Intelligence</i> , 2022, 5, 829842.	3.4	5
3	AI-as-a-Service Toolkit for Human-Centered Intelligence in Autonomous Driving. , 2022, , .		4
4	Towards lifelong object recognition: A dataset and benchmark. <i>Pattern Recognition</i> , 2022, 130, 108819.	8.1	2
5	Avalanche: an End-to-End Library for Continual Learning. , 2021, , .		42
6	TEACHING - Trustworthy autonomous cyber-physical applications through human-centred intelligence. , 2021, , .		15
7	Continual learning for recurrent neural networks: An empirical evaluation. <i>Neural Networks</i> , 2021, 143, 607-627.	5.9	52
8	Continual learning for robotics: Definition, framework, learning strategies, opportunities and challenges. <i>Information Fusion</i> , 2020, 58, 52-68.	19.1	201
9	OpenLORIS-Object: A Robotic Vision Dataset and Benchmark for Lifelong Deep Learning. , 2020, , .		28
10	Memory-Latency-Accuracy Trade-Offs for Continual Learning on a RISC-V Extreme-Edge Node. , 2020, , .		9
11	Rehearsal-Free Continual Learning over Small Non-I.I.D. Batches. , 2020, , .		20
12	Continual Reinforcement Learning in 3D Non-stationary Environments. , 2020, , .		12
13	IROS 2019 Lifelong Robotic Vision: Object Recognition Challenge [Competitions]. <i>IEEE Robotics and Automation Magazine</i> , 2020, 27, 11-16.	2.0	9
14	Efficient continual learning in neural networks with embedding regularization. <i>Neurocomputing</i> , 2020, 397, 139-148.	5.9	22
15	Latent Replay for Real-Time Continual Learning. , 2020, , .		42
16	Online Continual Learning on Sequences. <i>Studies in Computational Intelligence</i> , 2020, , 197-221.	0.9	8
17	Continuous learning in single-incremental-task scenarios. <i>Neural Networks</i> , 2019, 116, 56-73.	5.9	150
18	Custom Dual Transportation Mode Detection By Smartphone Devices Exploiting Sensor Diversity. , 2018, , .		36

#	ARTICLE	IF	CITATIONS
19	A Machine Learning Approach for Continuous Development. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 109-119.	0.6	1
20	Comparing Incremental Learning Strategies for Convolutional Neural Networks. <i>Lecture Notes in Computer Science</i> , 2016, , 175-184.	1.3	14
21	Semi-supervised tuning from temporal coherence. , 2016, , .		8
22	UCbase 2.0: ultraconserved sequences database (2014 update). <i>Database: the Journal of Biological Databases and Curation</i> , 2014, 2014, bau062-bau062.	3.0	19