

# 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	Continual learning for robotics: Definition, framework, learning strategies, opportunities and challenges. Information Fusion, 2020, 58, 52-68.	19.1	201
2	Continuous learning in single-incremental-task scenarios. Neural Networks, 2019, 116, 56-73.	5.9	150
3	Continual learning for recurrent neural networks: An empirical evaluation. Neural Networks, 2021, 143, 607-627.	5.9	52
4	Avalanche: an End-to-End Library for Continual Learning. , 2021, , .		42
5	Latent Replay for Real-Time Continual Learning. , 2020, , .		42
6	Custom Dual Transportation Mode Detection By Smartphone Devices Exploiting Sensor Diversity. , 2018, , .		36
7	OpenLORIS-Object: A Robotic Vision Dataset and Benchmark for Lifelong Deep Learning. , 2020, , .		28
8	Efficient continual learning in neural networks with embedding regularization. Neurocomputing, 2020, 397, 139-148.	5.9	22
9	Rehearsal-Free Continual Learning over Small Non-I.I.D. Batches. , 2020, , .		20
10	UCbase 2.0: ultraconserved sequences database (2014 update). Database: the Journal of Biological Databases and Curation, 2014, 2014, bau062-bau062.	3.0	19
11	CVPR 2020 continual learning in computer vision competition: Approaches, results, current challenges and future directions. Artificial Intelligence, 2022, 303, 103635.	5.8	17
12	TEACHING - Trustworthy autonomous cyber-physical applications through human-centred intelligence. , 2021, , .		15
13	Comparing Incremental Learning Strategies for Convolutional Neural Networks. Lecture Notes in Computer Science, 2016, , 175-184.	1.3	14
14	Continual Reinforcement Learning in 3D Non-stationary Environments. , 2020, , .		12
15	Memory-Latency-Accuracy Trade-Offs for Continual Learning on a RISC-V Extreme-Edge Node. , 2020, , .		9
16	IROS 2019 Lifelong Robotic Vision: Object Recognition Challenge [Competitions]. IEEE Robotics and Automation Magazine, 2020, 27, 11-16.	2.0	9
17	Semi-supervised tuning from temporal coherence. , 2016, , .		8
18	Online Continual Learning on Sequences. Studies in Computational Intelligence, 2020, , 197-221.	0.9	8

#	ARTICLE	IF	CITATIONS
19	Is Class-Incremental Enough for Continual Learning?. Frontiers in Artificial Intelligence, 2022, 5, 829842.	3.4	5
20	AI-as-a-Service Toolkit for Human-Centered Intelligence in Autonomous Driving. , 2022, , .		4
21	Towards lifelong object recognition: A dataset and benchmark. Pattern Recognition, 2022, 130, 108819.	8.1	2
22	A Machine Learning Approach for Continuous Development. Advances in Intelligent Systems and Computing, 2018, , 109-119.	0.6	1