Alexander Gepperth

List of Publications by Year
in descending order

15	193	1684188 5	1588992 8
papers	citations	h-index	g-index

16	16	16	173
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Bio-Inspired Incremental Learning Architecture for Applied Perceptual Problems. Cognitive Computation, 2016, 8, 924-934.	5.2	98
2	Predicting Network Flow Characteristics Using Deep Learning and Real-World Network Traffic. IEEE Transactions on Network and Service Management, 2020, 17, 2662-2676.	4.9	30
3	Flow-based Throughput Prediction using Deep Learning and Real-World Network Traffic. , 2019, , .		14
4	A Study of Deep Learning for Network Traffic Data Forecasting. Lecture Notes in Computer Science, 2019, , 497-512.	1.3	9
5	Marginal Replay vs Conditional Replay for Continual Learning. Lecture Notes in Computer Science, 2019, , 466-480.	1.3	9
6	Overcoming Catastrophic Forgetting with Gaussian Mixture Replay. , 2021, , .		5
7	Gradient-Based Training of Gaussian Mixture Models for High-Dimensional Streaming Data. Neural Processing Letters, 2021, 53, 4331-4348.	3.2	5
8	Biologically inspired incremental learning for high-dimensional spaces. , 2015, , .		4
9	Incremental learning with self-organizing maps. , 2017, , .		4
10	An Investigation of Replay-based Approaches for Continual Learning. , 2021, , .		3
11	A Rigorous Link Between Self-Organizing Maps and Gaussian Mixture Models. Lecture Notes in Computer Science, 2020, , 863-872.	1.3	3
12	Gesture Recognition on a New Multi-Modal Hand Gesture Dataset. , 2022, , .		3
13	Image Modeling with Deep Convolutional Gaussian Mixture Models. , 2021, , .		2
14	An energy-based SOM model not requiring periodic boundary conditions. Neural Computing and Applications, 2020, 32, 18045-18058.	5.6	1
15	Incremental learning with a homeostatic self-organizing neural model. Neural Computing and Applications, 2020, 32, 18101-18121.	5.6	1