

Yann Lecun

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

59,157
citations

759233

12
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

63081
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep learning. Nature, 2015, 521, 436-444.	27.8	52,813
2	Learning Hierarchical Features for Scene Labeling. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2013, 35, 1915-1929.	13.9	2,054
3	Geometric Deep Learning: Going beyond Euclidean data. IEEE Signal Processing Magazine, 2017, 34, 18-42.	5.6	1,846
4	Efficient BackProp. Lecture Notes in Computer Science, 1998, , 9-50.	1.3	700
5	Object Recognition with Gradient-Based Learning. Lecture Notes in Computer Science, 1999, , 319-345.	1.3	493
6	Deep learning for AI. Communications of the ACM, 2021, 64, 58-65.	4.5	280
7	Learning long-range vision for autonomous off-road driving. Journal of Field Robotics, 2009, 26, 120-144.	6.0	268
8	Toward automatic phenotyping of developing embryos from videos. IEEE Transactions on Image Processing, 2005, 14, 1360-1371.	9.8	206
9	LeRec: A NN/HMM Hybrid for On-Line Handwriting Recognition. Neural Computation, 1995, 7, 1289-1303.	2.2	95
10	1.1 Deep Learning Hardware: Past, Present, and Future. , 2019, , .		91
11	Large-Scale FPGA-Based Convolutional Networks. , 2011, , 399-419.		82
12	Feature learning and deep architectures: new directions for music informatics. Journal of Intelligent Information Systems, 2013, 41, 461-481.	3.9	81
13	Learning Invariant Feature Hierarchies. Lecture Notes in Computer Science, 2012, , 496-505.	1.3	74
14	A Mathematical Motivation for Complex-Valued Convolutional Networks. Neural Computation, 2016, 28, 815-825.	2.2	64
15	A hierarchical loss and its problems when classifying non-hierarchically. PLoS ONE, 2019, 14, e0226222.	2.5	10