

# Yann Lecun

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11894083/publications.pdf>

Version: 2024-02-01

15  
papers

59,157  
citations

858243

12  
h-index

1255698

13  
g-index

15  
all docs

15  
docs citations

15  
times ranked

71103  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep learning. Nature, 2015, 521, 436-444.	13.7	52,813
2	Learning Hierarchical Features for Scene Labeling. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2013, 35, 1915-1929.	9.7	2,054
3	Geometric Deep Learning: Going beyond Euclidean data. IEEE Signal Processing Magazine, 2017, 34, 18-42.	4.6	1,846
4	Efficient BackProp. Lecture Notes in Computer Science, 1998, , 9-50.	1.0	700
5	Object Recognition with Gradient-Based Learning. Lecture Notes in Computer Science, 1999, , 319-345.	1.0	493
6	Deep learning for AI. Communications of the ACM, 2021, 64, 58-65.	3.3	280
7	Learning long-range vision for autonomous off-road driving. Journal of Field Robotics, 2009, 26, 120-144.	3.2	268
8	Toward automatic phenotyping of developing embryos from videos. IEEE Transactions on Image Processing, 2005, 14, 1360-1371.	6.0	206
9	LeRec: A NN/HMM Hybrid for On-Line Handwriting Recognition. Neural Computation, 1995, 7, 1289-1303.	1.3	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.	2.8	81
13	Learning Invariant Feature Hierarchies. Lecture Notes in Computer Science, 2012, , 496-505.	1.0	74
14	A Mathematical Motivation for Complex-Valued Convolutional Networks. Neural Computation, 2016, 28, 815-825.	1.3	64
15	A hierarchical loss and its problems when classifying non-hierarchically. PLoS ONE, 2019, 14, e0226222.	1.1	10