

Geoffrey Hinton

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

39,589
citations

15
h-index

19
g-index

19
ext. papers

52,328
ext. citations

10.2
avg, IF

8.43
L-index

#	Paper	IF	Citations
17	Deep learning for AI. <i>Communications of the ACM</i> , 2021 , 64, 58-65	2.5	75
16	Backpropagation and the brain. <i>Nature Reviews Neuroscience</i> , 2020 , 21, 335-346	13.5	154
15	Deep Learning-A Technology With the Potential to Transform Health Care. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 320, 1101-1102	27.4	265
14	Deep learning. <i>Nature</i> , 2015 , 521, 436-44	50.4	32486
13	Where do features come from?. <i>Cognitive Science</i> , 2014 , 38, 1078-101	2.2	63
12	Acoustic Modeling Using Deep Belief Networks. <i>IEEE Transactions on Audio Speech and Language Processing</i> , 2012 , 20, 14-22		937
11	Visualizing non-metric similarities in multiple maps. <i>Machine Learning</i> , 2012 , 87, 33-55	4	127
10	Deep Neural Networks for Acoustic Modeling in Speech Recognition: The Shared Views of Four Research Groups. <i>IEEE Signal Processing Magazine</i> , 2012 , 29, 82-97	9.4	5006
9	2012 ,		113
8	On deep generative models with applications to recognition 2011 ,		87
7	Learning a better representation of speech soundwaves using restricted boltzmann machines 2011 ,		89
6	Phone recognition using Restricted Boltzmann Machines 2010 ,		38
5	Unsupervised discovery of nonlinear structure using contrastive backpropagation. <i>Cognitive Science</i> , 2006 , 30, 725-31	2.2	52
4	Local Physical Models for Interactive Character Animation. <i>Computer Graphics Forum</i> , 2002 , 21, 337-346	2.4	21
3	Coaching variables for regression and classification. <i>Statistics and Computing</i> , 1998 , 8, 25-33	1.8	7
2	A comparison of statistical learning methods on the Gusto database. <i>Statistics in Medicine</i> , 1998 , 17, 2501-8		50
1	A comparison of statistical learning methods on the GUSTO database 1998 , 17, 2501		3

