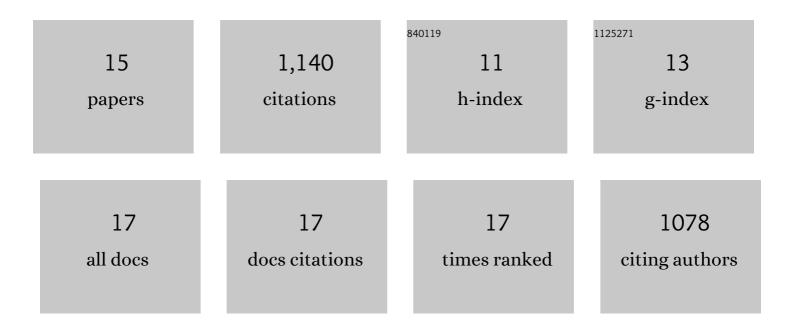
Sanjoy Dasgupta

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5248596/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	An elementary proof of a theorem of Johnson and Lindenstrauss. Random Structures and Algorithms, 2003, 22, 60-65.	0.6	569
2	A neural algorithm for a fundamental computing problem. Science, 2017, 358, 793-796.	6.0	150
3	Performance guarantees for hierarchical clustering. Journal of Computer and System Sciences, 2005, 70, 555-569.	0.9	132
4	Random Projection Trees for Vector Quantization. IEEE Transactions on Information Theory, 2009, 55, 3229-3242.	1.5	72
5	The Complexity of Approximating the Entropy. SIAM Journal on Computing, 2005, 35, 132-150.	0.8	63
6	Consistent Procedures for Cluster Tree Estimation and Pruning. IEEE Transactions on Information Theory, 2014, 60, 7900-7912.	1.5	30
7	A neural data structure for novelty detection. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 13093-13098.	3.3	29
8	The Sample Complexity of Learning Fixed-Structure Bayesian Networks. Machine Learning, 1997, 29, 165-180.	3.4	28
9	A tree-based regressor that adapts to intrinsic dimension. Journal of Computer and System Sciences, 2012, 78, 1496-1515.	0.9	23
10	Evaluating and improving the reliability of gas-phase sensor system calibrations across new locations for ambient measurements and personal exposure monitoring. Atmospheric Measurement Techniques, 2019, 12, 4211-4239.	1.2	21
11	Habituation as a neural algorithm for online odor discrimination. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 12402-12410.	3.3	13
12	A Theoretical Analysis of Query Selection for Collaborative Filtering. Machine Learning, 2003, 51, 283-298.	3.4	5
13	Random projection trees for vector quantization. , 2008, , .		2
14	DELPHI: Data E-platform for personalized population health. , 2013, , .		2
15	Reply to Semelidou and Skoulakis: "Short-term―habituation has multiple distinct mechanisms. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117,	3.3	0

<u>20373-20374.</u>