

Dmitry Kobak

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

2,862
citations

623188

14
h-index

580395

25
g-index

43
all docs

43
docs citations

43
times ranked

3913
citing authors

#	ARTICLE	IF	CITATIONS
1	Underdispersion: A Statistical Anomaly in Reported Covid Data. Significance, 2022, 19, 10-13.	0.3	4
2	Motor skill learning decreases movement variability and increases planning horizon. Journal of Neurophysiology, 2022, 127, 995-1006.	0.9	9
3	Phenotypic variation of transcriptomic cell types in mouse motor cortex. Nature, 2021, 598, 144-150.	13.7	196
4	Patch-seq: Past, Present, and Future. Journal of Neuroscience, 2021, 41, 937-946.	1.7	60
5	Interpretable Gender Classification from Retinal Fundus Images Using BagNets. Lecture Notes in Computer Science, 2021, , 477-487.	1.0	11
6	Excess Mortality Reveals Covid's True Toll in Russia. Significance, 2021, 18, 16-19.	0.3	38
7	Initialization is critical for preserving global data structure in both t-SNE and UMAP. Nature Biotechnology, 2021, 39, 156-157.	9.4	140
8	Sparse Reduced-Rank Regression for Exploratory Visualisation of Paired Multivariate Data. Journal of the Royal Statistical Society Series C: Applied Statistics, 2021, 70, 980-1000.	0.5	18
9	Tracking excess mortality across countries during the COVID-19 pandemic with the World Mortality Dataset. ELife, 2021, 10, .	2.8	348
10	Analytic Pearson residuals for normalization of single-cell RNA-seq UMI data. Genome Biology, 2021, 22, 258.	3.8	44
11	A multimodal cell census and atlas of the mammalian primary motor cortex. Nature, 2021, 598, 86-102.	13.7	316
12	A Systematic Evaluation of Interneuron Morphology Representations for Cell Type Discrimination. Neuroinformatics, 2020, 18, 591-609.	1.5	20
13	Heavy-Tailed Kernels Reveal a Finer Cluster Structure in t-SNE Visualisations. Lecture Notes in Computer Science, 2020, 11906, 124-139.	1.0	13
14	Suspect Peaks in Russia's "Referendum" Results. Significance, 2020, 17, 8-9.	0.3	9
15	Cell type composition and circuit organization of clonally related excitatory neurons in the juvenile mouse neocortex. ELife, 2020, 9, .	2.8	37
16	Layer 4 of mouse neocortex differs in cell types and circuit organization between sensory areas. Nature Communications, 2019, 10, 4174.	5.8	101
17	The art of using t-SNE for single-cell transcriptomics. Nature Communications, 2019, 10, 5416.	5.8	601
18	State-dependent geometry of population activity in rat auditory cortex. ELife, 2019, 8, .	2.8	14

#	ARTICLE	IF	CITATIONS
19	Putin's peaks: Russian election data revisited. Significance, 2018, 15, 8-9.	0.3	6
20	Distributed and Mixed Information in Monosynaptic Inputs to Dopamine Neurons. Neuron, 2016, 91, 1374-1389.	3.8	195
21	Statistical fingerprints of electoral fraud?. Significance, 2016, 13, 20-23.	0.3	11
22	Integer percentages as electoral falsification fingerprints. Annals of Applied Statistics, 2016, 10, .	0.5	25
23	Demixed principal component analysis of neural population data. ELife, 2016, 5, .	2.8	397
24	Adaptation Paths to Novel Motor Tasks Are Shaped by Prior Structure Learning. Journal of Neuroscience, 2012, 32, 9898-9908.	1.7	14