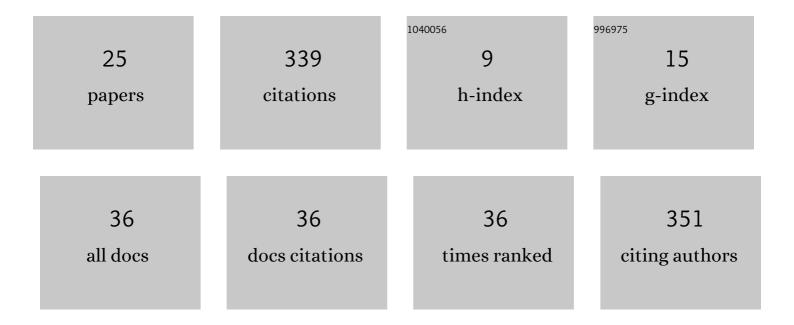
## **Ulisse Ferrari**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3895018/publications.pdf

Version: 2024-02-01



#	Article	IF	CITATIONS
1	Multiplexed computations in retinal ganglion cells of a single type. Nature Communications, 2017, 8, 1964.	12.8	47
2	Functional ultrasound imaging of deep visual cortex in awake nonhuman primates. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 14453-14463.	7.1	44
3	Cholinergic Switch between Two Types of Slow Waves in Cerebral Cortex. Cerebral Cortex, 2020, 30, 3451-3466.	2.9	32
4	Maximum-entropy models reveal the excitatory and inhibitory correlation structures in cortical neuronal activity. Physical Review E, 2018, 98, 012402.	2.1	29
5	Functional coupling networks inferred from prefrontal cortex activity show experience-related effective plasticity. Network Neuroscience, 2017, 1, 275-301.	2.6	27
6	DnaA and the timing of chromosome replication in Es-cherichia coli as a function of growth rate. BMC Systems Biology, 2011, 5, 201.	3.0	23
7	Learning maximum entropy models from finite-size data sets: A fast data-driven algorithm allows sampling from the posterior distribution. Physical Review E, 2016, 94, 023301.	2.1	21
8	Towards optogenetic vision restoration with high resolution. PLoS Computational Biology, 2020, 16, e1007857.	3.2	20
9	Random versus maximum entropy models of neural population activity. Physical Review E, 2017, 95, 042321.	2.1	17
10	Separating intrinsic interactions from extrinsic correlations in a network of sensory neurons. Physical Review E, 2018, 98, .	2.1	15
11	A Simple Model for Low Variability in Neural Spike Trains. Neural Computation, 2018, 30, 3009-3036.	2.2	11
12	Planar polarity in primate cone photoreceptors: a potential role in Stiles Crawford effect phototropism. Communications Biology, 2022, 5, 89.	4.4	11
13	Predicting synchronous firing of large neural populations from sequential recordings. PLoS Computational Biology, 2021, 17, e1008501.	3.2	8
14	Pairwise Ising Model Analysis of Human Cortical Neuron Recordings. Lecture Notes in Computer Science, 2017, , 257-264.	1.3	5
15	Random, thermodynamic and inverse first-order transitions in the Blume–Capel spin glass. Journal of Statistical Mechanics: Theory and Experiment, 2011, 2011, P12005.	2.3	4
16	Closed-Loop Estimation of Retinal Network Sensitivity by Local Empirical Linearization. ENeuro, 2017, 4, ENEURO.0166-17.2017.	1.9	4
17	Inferred Ising model unveils potentiation of pairwise neural interactions and replay of rule-learning related neural activity. BMC Neuroscience, 2013, 14, .	1.9	1
18	Inferred network from prefrontal cortex activity of rats unveils cell assemblies. BMC Neuroscience, 2013. 14	1.9	0

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#	Article	IF	CITATIONS
19	Dynamical arrest with zero complexity: The unusual behavior of the spherical Blume-Emery-Griffiths disordered model. Physical Review E, 2015, 92, 062150.	2.1	0
20	Towards optogenetic vision restoration with high resolution. , 2020, 16, e1007857.		0
21	Towards optogenetic vision restoration with high resolution. , 2020, 16, e1007857.		Ο
22	Towards optogenetic vision restoration with high resolution. , 2020, 16, e1007857.		0
23	Towards optogenetic vision restoration with high resolution. , 2020, 16, e1007857.		Ο
24	Towards optogenetic vision restoration with high resolution. , 2020, 16, e1007857.		0
25	Towards optogenetic vision restoration with high resolution. , 2020, 16, e1007857.		Ο