

# Stefano Recanatesi

## List of Publications by Year in descending order

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docs citations

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298  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dimensionality in recurrent spiking networks: Global trends in activity and local origins in connectivity. PLoS Computational Biology, 2019, 15, e1006446.	3.2	52
2	Predictive learning as a network mechanism for extracting low-dimensional latent space representations. Nature Communications, 2021, 12, 1417.	12.8	35
3	Neural Network Model of Memory Retrieval. Frontiers in Computational Neuroscience, 2015, 9, 149.	2.1	33
4	Metastable attractors explain the variable timing of stable behavioral action sequences. Neuron, 2022, 110, 139-153.e9.	8.1	31
5	Memory States and Transitions between Them in Attractor Neural Networks. Neural Computation, 2017, 29, 2684-2711.	2.2	11
6	Gradient-based learning drives robust representations in recurrent neural networks by balancing compression and expansion. Nature Machine Intelligence, 2022, 4, 564-573.	16.0	11
7	Emergence of hierarchical organization in memory for random material. Scientific Reports, 2019, 9, 10448.	3.3	8
8	Autoencoder networks extract latent variables and encode these variables in their connectomes. Neural Networks, 2021, 141, 330-343.	5.9	7
9	Single Circuit in V1 Capable of Switching Contexts During Movement Using an Inhibitory Population as a Switch. Neural Computation, 2022, 34, 541-594.	2.2	1