

Costas A Anastassiou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5646731/publications.pdf>

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8
papers

4,197
citations

1163117

8
h-index

1474206

9
g-index

15
all docs

15
docs citations

15
times ranked

6222
citing authors

#	ARTICLE	IF	CITATIONS
1	The origin of extracellular fields and currents – EEG, ECoG, LFP and spikes. Nature Reviews Neuroscience, 2012, 13, 407-420.	10.2	3,271
2	Classification of electrophysiological and morphological neuron types in the mouse visual cortex. Nature Neuroscience, 2019, 22, 1182-1195.	14.8	333
3	Human neocortical expansion involves glutamatergic neuron diversification. Nature, 2021, 598, 151-158.	27.8	160
4	h-Channels Contribute to Divergent Intrinsic Membrane Properties of Supragranular Pyramidal Neurons in Human versus Mouse Cerebral Cortex. Neuron, 2018, 100, 1194-1208.e5.	8.1	134
5	Cell type- and activity-dependent extracellular correlates of intracellular spiking. Journal of Neurophysiology, 2015, 114, 608-623.	1.8	70
6	Local Field Potentials Encode Place Cell Ensemble Activation during Hippocampal Sharp Wave Ripples. Neuron, 2015, 87, 590-604.	8.1	57
7	Cellular Classes in the Human Brain Revealed In Vivo by Heartbeat-Related Modulation of the Extracellular Action Potential Waveform. Cell Reports, 2020, 30, 3536-3551.e6.	6.4	38
8	From Maxwell's equations to the theory of current-source density analysis. European Journal of Neuroscience, 2017, 45, 1013-1023.	2.6	30