

# Gabriela Antunes

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11322090/publications.pdf>

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9  
papers

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citations

1478505

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times ranked

333  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stochastic reaction-diffusion modeling of calcium dynamics in 3D dendritic spines of Purkinje cells. <i>Biophysical Journal</i> , 2021, 120, 2112-2123.	0.5	6
2	3D Modeling of Dendritic Spines with Synaptic Plasticity. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	3
3	Mirror Neurons Modeled Through Spike-Timing-Dependent Plasticity are Affected by Channelopathies Associated with Autism Spectrum Disorder. <i>International Journal of Neural Systems</i> , 2018, 28, 1750058.	5.2	20
4	Modelling intracellular competition for calcium: kinetic and thermodynamic control of different molecular modes of signal decoding. <i>Scientific Reports</i> , 2016, 6, 23730.	3.3	19
5	Olfactory receptor signaling. <i>Methods in Cell Biology</i> , 2016, 132, 127-145.	1.1	33
6	Mechanisms of Regulation of Olfactory Transduction and Adaptation in the Olfactory Cilium. <i>PLoS ONE</i> , 2014, 9, e105531.	2.5	15
7	Electrical responses of three classes of granule cells of the olfactory bulb to synaptic inputs in different dendritic locations. <i>Frontiers in Computational Neuroscience</i> , 2014, 8, 128.	2.1	3
8	A Stochastic Signaling Network Mediates the Probabilistic Induction of Cerebellar Long-Term Depression. <i>Journal of Neuroscience</i> , 2012, 32, 9288-9300.	3.6	70
9	Biophysics of olfaction. <i>Reports on Progress in Physics</i> , 2007, 70, 451-491.	20.1	18