

# Wagner Steuer Costa

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1296296/publications.pdf>

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12  
papers

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1040056

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1199594

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Epidermal Growth Factor Signaling Promotes Sleep through a Combined Series and Parallel Neural Circuit. <i>Current Biology</i> , 2020, 30, 1-16.e13.	3.9	264
2	Fast cAMP Modulation of Neurotransmission via Neuropeptide Signals and Vesicle Loading. <i>Current Biology</i> , 2017, 27, 495-507.	3.9	71
3	Food Sensation Modulates Locomotion by Dopamine and Neuropeptide Signaling in a Distributed Neuronal Network. <i>Neuron</i> , 2018, 100, 1414-1428.e10.	8.1	69
4	A GABAergic and peptidergic sleep neuron as a locomotion stop neuron with compartmentalized Ca <sup>2+</sup> dynamics. <i>Nature Communications</i> , 2019, 10, 4095.	12.8	39
5	Rhodopsin-based voltage imaging tools for use in muscles and neurons of <i>Caenorhabditis elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17051-17060.	7.1	34
6	Context-dependent operation of neural circuits underlies a navigation behavior in <i>Caenorhabditis elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 6178-6188.	7.1	32
7	Functionally asymmetric motor neurons contribute to coordinating locomotion of <i>Caenorhabditis elegans</i> . <i>ELife</i> , 2018, 7, .	6.0	32
8	Using a Robust and Sensitive GFP-Based cGMP Sensor for Real-Time Imaging in Intact <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2019, 213, 59-77.	2.9	23
9	Arrhythmogenic effects of mutated L-type Ca <sup>2+</sup> -channels on an optogenetically paced muscular pump in <i>Caenorhabditis elegans</i> . <i>Scientific Reports</i> , 2015, 5, 14427.	3.3	17
10	Photoactivated Adenylyl Cyclases as Optogenetic Modulators of Neuronal Activity. <i>Methods in Molecular Biology</i> , 2014, 1148, 161-175.	0.9	7
11	Synapsin Is Required for Dense Core Vesicle Capture and cAMP-Dependent Neuropeptide Release. <i>Journal of Neuroscience</i> , 2021, 41, 4187-4201.	3.6	6
12	Photoactivated Adenylyl Cyclases as Optogenetic Modulators of Neuronal Activity. <i>Methods in Molecular Biology</i> , 2022, 2483, 61-76.	0.9	5