

Jacqueline BurrÃ©

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

4,685
citations

331538

21
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552653

26
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29
docs citations

29
times ranked

5684
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional and Pathological Effects of $\hat{1}\pm$ -Synuclein on Synaptic SNARE Complexes. Journal of Molecular Biology, 2023, 435, 167714.	2.0	17
2	Synaptic vesicle binding of $\hat{1}\pm$ -synuclein is modulated by $\hat{1}^2$ - and $\hat{1}^3$ -synucleins. Cell Reports, 2022, 39, 110675.	2.9	25
3	STXBPI encephalopathies: Clinical spectrum, disease mechanisms, and therapeutic strategies. Journal of Neurochemistry, 2021, 157, 165-178.	2.1	56
4	Targeted stabilization of Munc18 function via pharmacological chaperones. EMBO Molecular Medicine, 2021, 13, e12354.	3.3	12
5	Aggregation of mutant cysteine string protein- $\hat{1}\pm$ via Fe-S cluster binding is mitigated by iron chelators. Nature Structural and Molecular Biology, 2020, 27, 192-201.	3.6	16
6	Cell Biology and Pathophysiology of $\hat{1}\pm$ -Synuclein. Cold Spring Harbor Perspectives in Medicine, 2018, 8, a024091.	2.9	353
7	Mechanism-based rescue of Munc18-1 dysfunction in varied encephalopathies by chemical chaperones. Nature Communications, 2018, 9, 3986.	5.8	61
8	Modulating membrane binding of $\hat{1}\pm$ -synuclein as a therapeutic strategy. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 1223-1225.	3.3	51
9	The Synaptic Function of $\hat{1}\pm$ -Synuclein. Journal of Parkinson's Disease, 2015, 5, 699-713.	1.5	421
10	Definition of a Molecular Pathway Mediating $\hat{1}\pm$ -Synuclein Neurotoxicity. Journal of Neuroscience, 2015, 35, 5221-5232.	1.7	168
11	Synaptotagmin-1 and -7 Are Redundantly Essential for Maintaining the Capacity of the Readily-Releasable Pool of Synaptic Vesicles. PLoS Biology, 2015, 13, e1002267.	2.6	71
12	$\hat{1}\pm$ -Synuclein assembles into higher-order multimers upon membrane binding to promote SNARE complex formation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4274-83.	3.3	382
13	Microsecond Dissection of Neurotransmitter Release: SNARE-Complex Assembly Dictates Speed and Ca ²⁺ Sensitivity. Neuron, 2014, 82, 1088-1100.	3.8	56
14	Properties of native brain $\hat{1}\pm$ -synuclein. Nature, 2013, 498, E4-E6.	13.7	271
15	Native $\hat{1}\pm$ -synuclein induces clustering of synaptic-vesicle mimics via binding to phospholipids and synaptobrevin-2/VAMP2. ELife, 2013, 2, e00592.	2.8	275
16	Systematic Mutagenesis of $\hat{1}\pm$ -Synuclein Reveals Distinct Sequence Requirements for Physiological and Pathological Activities. Journal of Neuroscience, 2012, 32, 15227-15242.	1.7	145
17	CSP $\hat{1}\pm$ knockout causes neurodegeneration by impairing SNAP-25 function. EMBO Journal, 2012, 31, 829-841.	3.5	129
18	Proteasome Inhibition Alleviates SNARE-Dependent Neurodegeneration. Science Translational Medicine, 2012, 4, 147ra113.	5.8	58

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19	CSP α promotes SNARE-complex assembly by chaperoning SNAP-25 during synaptic activity. <i>Nature Cell Biology</i> , 2011, 13, 30-39.	4.6	203
20	α -Synuclein Promotes SNARE-Complex Assembly in Vivo and in Vitro. <i>Science</i> , 2010, 329, 1663-1667.	6.0	1,476
21	Immunoisolation and subfractionation of synaptic vesicle proteins. <i>Analytical Biochemistry</i> , 2007, 362, 172-181.	1.1	17
22	The synaptic vesicle proteome. <i>Journal of Neurochemistry</i> , 2007, 101, 1448-1462.	2.1	91
23	Identification and characterization of SV31, a novel synaptic vesicle membrane protein and potential transporter. <i>Journal of Neurochemistry</i> , 2007, 103, 276-287.	2.1	31
24	Analysis of the synaptic vesicle proteome using three gel-based protein separation techniques. <i>Proteomics</i> , 2006, 6, 6250-6262.	1.3	106
25	Synaptic vesicle proteins under conditions of rest and activation: Analysis by 2-D difference gel electrophoresis. <i>Electrophoresis</i> , 2006, 27, 3488-3496.	1.3	45
26	Immunoisolation of two synaptic vesicle pools from synaptosomes: a proteomics analysis. <i>Journal of Neurochemistry</i> , 2005, 95, 1732-1745.	2.1	141