

# Jacques I Wadiche

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

3,360  
citations

304743

22  
h-index

434195

31  
g-index

36  
all docs

36  
docs citations

36  
times ranked

3057  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ion fluxes associated with excitatory amino acid transport. <i>Neuron</i> , 1995, 15, 721-728.	8.1	530
2	Glutamate transporters: confining runaway excitation by shaping synaptic transmission. <i>Nature Reviews Neuroscience</i> , 2007, 8, 935-947.	10.2	450
3	Kinetics of a human glutamate transporter. <i>Neuron</i> , 1995, 14, 1019-1027.	8.1	394
4	Multivesicular Release at Climbing Fiber-Purkinje Cell Synapses. <i>Neuron</i> , 2001, 32, 301-313.	8.1	338
5	Macroscopic and Microscopic Properties of a Cloned Glutamate Transporter/Chloride Channel. <i>Journal of Neuroscience</i> , 1998, 18, 7650-7661.	3.6	261
6	Patterned expression of Purkinje cell glutamate transporters controls synaptic plasticity. <i>Nature Neuroscience</i> , 2005, 8, 1329-1334.	14.8	190
7	GABA Depolarization Is Required for Experience-Dependent Synapse Unsilencing in Adult-Born Neurons. <i>Journal of Neuroscience</i> , 2013, 33, 6614-6622.	3.6	137
8	Retroinhibition of Presynaptic Ca <sup>2+</sup> Currents by Endocannabinoids Released via Postsynaptic mGluR Activation at a Calyx Synapse. <i>Journal of Neuroscience</i> , 2004, 24, 5955-5965.	3.6	104
9	Distinct Determinants of Sparse Activation during Granule Cell Maturation. <i>Journal of Neuroscience</i> , 2013, 33, 19131-19142.	3.6	98
10	The ubiquitous nature of multivesicular release. <i>Trends in Neurosciences</i> , 2015, 38, 428-438.	8.6	94
11	Hilar Mossy Cells Provide the First Glutamatergic Synapses to Adult-Born Dentate Granule Cells. <i>Journal of Neuroscience</i> , 2014, 34, 2349-2354.	3.6	87
12	Low excitatory innervation balances high intrinsic excitability of immature dentate neurons. <i>Nature Communications</i> , 2016, 7, 11313.	12.8	83
13	Input-Specific GABAergic Signaling to Newborn Neurons in Adult Dentate Gyrus. <i>Journal of Neuroscience</i> , 2009, 29, 15063-15072.	3.6	77
14	Ivy/neurogliaform interneurons coordinate activity in the neurogenic niche. <i>Nature Neuroscience</i> , 2011, 14, 1407-1409.	14.8	76
15	Adult-born neurons modify excitatory synaptic transmission to existing neurons. <i>ELife</i> , 2017, 6, .	6.0	70
16	Spillover-Mediated Feedforward Inhibition Functionally Segregates Interneuron Activity. <i>Neuron</i> , 2013, 78, 1050-1062.	8.1	61
17	Porcupine Controls Hippocampal AMPAR Levels, Composition, and Synaptic Transmission. <i>Cell Reports</i> , 2016, 14, 782-794.	6.4	48
18	Desynchronization of Multivesicular Release Enhances Purkinje Cell Output. <i>Neuron</i> , 2011, 70, 991-1004.	8.1	39

#	ARTICLE	IF	CITATIONS
19	Constitutive and Synaptic Activation of GIRK Channels Differentiates Mature and Newborn Dentate Granule Cells. <i>Journal of Neuroscience</i> , 2018, 38, 6513-6526.	3.6	35
20	The readily-releasable pool dynamically regulates multivesicular release. <i>ELife</i> , 2019, 8, .	6.0	34
21	Intrinsic kinetics determine the time course of neuronal synaptic transporter currents. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 1083-1087.	7.1	29
22	Neuronal Glutamate Transporters Regulate Glial Excitatory Transmission. <i>Journal of Neuroscience</i> , 2012, 32, 1528-1535.	3.6	23
23	Non-synaptic signaling from cerebellar climbing fibers modulates Golgi cell activity. <i>ELife</i> , 2017, 6, .	6.0	21
24	NeuroD2 controls inhibitory circuit formation in the molecular layer of the cerebellum. <i>Scientific Reports</i> , 2019, 9, 1448.	3.3	20
25	Enhanced Integration of Newborn Neurons after Neonatal Insults. <i>Frontiers in Neuroscience</i> , 2011, 5, 45.	2.8	18
26	Parvalbumin interneurons provide spillover to newborn and mature dentate granule cells. <i>ELife</i> , 2020, 9, .	6.0	18
27	The Contribution of Extrasynaptic Signaling to Cerebellar Information Processing. <i>Cerebellum</i> , 2014, 13, 513-520.	2.5	8
28	Climbing Fiber-Mediated Spillover Transmission to Interneurons Is Regulated by EAAT4. <i>Journal of Neuroscience</i> , 2021, 41, 8126-8133.	3.6	6
29	Long-distance signaling via presynaptic glutamate transporters. <i>Nature Neuroscience</i> , 2006, 9, 1352-1353.	14.8	4
30	New Neurons Don't Talk Back. <i>Neuron</i> , 2015, 85, 3-5.	8.1	2
31	Good Housekeeping. <i>Neuron</i> , 2014, 81, 715-717.	8.1	1