

Corette J Wierenga

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

2,368
citations

279798

23
h-index

315739

38
g-index

45
all docs

45
docs citations

45
times ranked

3404
citing authors

#	ARTICLE	IF	CITATIONS
1	Postsynaptic Expression of Homeostatic Plasticity at Neocortical Synapses. <i>Journal of Neuroscience</i> , 2005, 25, 2895-2905.	3.6	262
2	Loss of Sensory Input Causes Rapid Structural Changes of Inhibitory Neurons in Adult Mouse Visual Cortex. <i>Neuron</i> , 2011, 71, 869-882.	8.1	210
3	Temporal Regulation of the Expression Locus of Homeostatic Plasticity. <i>Journal of Neurophysiology</i> , 2006, 96, 2127-2133.	1.8	166
4	Repetitive magnetic stimulation induces plasticity of inhibitory synapses. <i>Nature Communications</i> , 2016, 7, 10020.	12.8	151
5	Healthy play, better coping: The importance of play for the development of children in health and disease. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 95, 421-429.	6.1	137
6	LTD Induction Causes Morphological Changes of Presynaptic Boutons and Reduces Their Contacts with Spines. <i>Neuron</i> , 2008, 60, 590-597.	8.1	131
7	Inhibitory synaptic plasticity: spike timing-dependence and putative network function. <i>Frontiers in Neural Circuits</i> , 2013, 7, 119.	2.8	112
8	Plasticity of Polarization: Changing Dendrites into Axons in Neurons Integrated in Neuronal Circuits. <i>Current Biology</i> , 2008, 18, 992-1000.	3.9	106
9	Positioning of AMPA Receptor-Containing Endosomes Regulates Synapse Architecture. <i>Cell Reports</i> , 2015, 13, 933-943.	6.4	104
10	Chloride transporters and GABA polarity in developmental, neurological and psychiatric conditions. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 90, 260-271.	6.1	94
11	GABAergic synapses are formed without the involvement of dendritic protrusions. <i>Nature Neuroscience</i> , 2008, 11, 1044-1052.	14.8	84
12	Precision of Inhibition: Dendritic Inhibition by Individual GABAergic Synapses on Hippocampal Pyramidal Cells Is Confined in Space and Time. <i>Neuron</i> , 2015, 87, 576-589.	8.1	76
13	A BDNF-Mediated Push-Pull Plasticity Mechanism for Synaptic Clustering. <i>Cell Reports</i> , 2018, 24, 2063-2074.	6.4	65
14	The postnatal GABA shift: A developmental perspective. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 124, 179-192.	6.1	64
15	Activity-Dependent Actin Remodeling at the Base of Dendritic Spines Promotes Microtubule Entry. <i>Current Biology</i> , 2018, 28, 2081-2093.e6.	3.9	57
16	Autoantibody pathogenicity in a multifocal motor neuropathy induced pluripotent stem cell-derived model. <i>Annals of Neurology</i> , 2016, 80, 71-88.	5.3	53
17	Barriers in the brain: resolving dendritic spine morphology and compartmentalization. <i>Frontiers in Neuroanatomy</i> , 2014, 8, 142.	1.7	51
18	Molecular and Electrophysiological Characterization of GFP-Expressing CA1 Interneurons in GAD65-GFP Mice. <i>PLoS ONE</i> , 2010, 5, e15915.	2.5	48

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19	Miniature Inhibitory Postsynaptic Currents in CA1 Pyramidal Neurons After Kindling Epileptogenesis. <i>Journal of Neurophysiology</i> , 1999, 82, 1352-1362.	1.8	42
20	The continued need for animals to advance brain research. <i>Neuron</i> , 2021, 109, 2374-2379.	8.1	36
21	Structural plasticity of GABAergic axons is regulated by network activity and GABAA receptor activation. <i>Frontiers in Neural Circuits</i> , 2013, 7, 113.	2.8	29
22	Excitatory Inputs to CA1 Interneurons Show Selective Synaptic Dynamics. <i>Journal of Neurophysiology</i> , 2003, 90, 811-821.	1.8	27
23	How the COVID-19 pandemic highlights the necessity of animal research. <i>Current Biology</i> , 2020, 30, R1014-R1018.	3.9	26
24	Nogo controls structural plasticity at dendritic spines by rapidly modulating actin dynamics. <i>Hippocampus</i> , 2016, 26, 816-831.	1.9	25
25	Endocannabinoid Signaling Mediates Local Dendritic Coordination between Excitatory and Inhibitory Synapses. <i>Cell Reports</i> , 2019, 27, 666-675.e5.	6.4	23
26	Network control through coordinated inhibition. <i>Current Opinion in Neurobiology</i> , 2021, 67, 34-41.	4.2	21
27	Single-cell axotomy of cultured hippocampal neurons integrated in neuronal circuits. <i>Nature Protocols</i> , 2014, 9, 1028-1037.	12.0	20
28	Semaphorin4D Induces Inhibitory Synapse Formation by Rapid Stabilization of Presynaptic Boutons via MET Coactivation. <i>Journal of Neuroscience</i> , 2019, 39, 4221-4237.	3.6	20
29	Reduction of Dendritic Inhibition in CA1 Pyramidal Neurons in Amyloidosis Models of Early Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2020, 78, 951-964.	2.6	20
30	Single Synapse LTP: A Matter of Context?. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 496.	3.7	18
31	Functional relation between interneuron input and population activity in the rat hippocampal cornu ammonis 1 area. <i>Neuroscience</i> , 2003, 118, 1129-1139.	2.3	16
32	Quantitative mapping of transcriptome and proteome dynamics during polarization of human iPSC-derived neurons. <i>ELife</i> , 2020, 9, .	6.0	14
33	Activity-dependent adaptations in inhibitory axons. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 219.	3.7	13
34	Live imaging of inhibitory axons: Synapse formation as a dynamic trial-and-error process. <i>Brain Research Bulletin</i> , 2017, 129, 43-49.	3.0	12
35	Axonal CB1 Receptors Mediate Inhibitory Bouton Formation via cAMP Increase and PKA. <i>Journal of Neuroscience</i> , 2021, 41, 8279-8296.	3.6	10
36	Centrosome-mediated microtubule remodeling during axon formation in human iPSC-derived neurons. <i>EMBO Journal</i> , 2021, 40, e106798.	7.8	8

#	ARTICLE	IF	CITATIONS
37	Amyloid- β^2 Oligomers Induce Only Mild Changes to Inhibitory Bouton Dynamics. Journal of Alzheimer's Disease Reports, 2021, 5, 153-160.	2.2	6