

Nathalie Sans

List of Publications by Year in descending order

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37
papers

3,783
citations

279487

23
h-index

344852

36
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42
all docs

42
docs citations

42
times ranked

4342
citing authors

#	ARTICLE	IF	CITATIONS
1	A Developmental Change in NMDA Receptor-Associated Proteins at Hippocampal Synapses. <i>Journal of Neuroscience</i> , 2000, 20, 1260-1271.	1.7	472
2	PDZ Domain Suppression of an ER Retention Signal in NMDA Receptor NR1 Splice Variants. <i>Neuron</i> , 2000, 28, 887-898.	3.8	334
3	The Synaptic Localization of NR2B-Containing NMDA Receptors Is Controlled by Interactions with PDZ Proteins and AP-2. <i>Neuron</i> , 2005, 47, 845-857.	3.8	326
4	TRAFFICKING OF NMDA RECEPTORS. <i>Annual Review of Pharmacology and Toxicology</i> , 2003, 43, 335-358.	4.2	318
5	NMDA receptor trafficking through an interaction between PDZ proteins and the exocyst complex. <i>Nature Cell Biology</i> , 2003, 5, 520-530.	4.6	283
6	Asymmetric Localization of Vangl2 and Fz3 Indicate Novel Mechanisms for Planar Cell Polarity in Mammals. <i>Journal of Neuroscience</i> , 2006, 26, 5265-5275.	1.7	283
7	Synapse-Associated Protein 97 Selectively Associates with a Subset of AMPA Receptors Early in their Biosynthetic Pathway. <i>Journal of Neuroscience</i> , 2001, 21, 7506-7516.	1.7	241
8	Ontogeny of postsynaptic density proteins at glutamatergic synapses. <i>Molecular and Cellular Neurosciences</i> , 2005, 29, 436-452.	1.0	197
9	Dendritic channelopathies contribute to neocortical and sensory hyperexcitability in <i>Fmr1</i> ^{-/-} mice. <i>Nature Neuroscience</i> , 2014, 17, 1701-1709.	7.1	184
10	Aberrant Formation of Glutamate Receptor Complexes in Hippocampal Neurons of Mice Lacking the GluR2 AMPA Receptor Subunit. <i>Journal of Neuroscience</i> , 2003, 23, 9367-9373.	1.7	132
11	mPins modulates PSD-95 and SAP102 trafficking and influences NMDA receptor surface expression. <i>Nature Cell Biology</i> , 2005, 7, 1179-1190.	4.6	114
12	Primary cilium migration depends on G-protein signalling control of subapical cytoskeleton. <i>Nature Cell Biology</i> , 2013, 15, 1107-1115.	4.6	112
13	Scrib regulates PAK activity during the cell migration process. <i>Human Molecular Genetics</i> , 2008, 17, 3552-3565.	1.4	95
14	ER to synapse trafficking of NMDA receptors. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 394.	1.8	70
15	Defective Gpsm2/GÎ±13 signalling disrupts stereocilia development and growth cone actin dynamics in Chudley-McCullough syndrome. <i>Nature Communications</i> , 2017, 8, 14907.	5.8	69
16	The Planar Polarity Protein Scribble1 Is Essential for Neuronal Plasticity and Brain Function. <i>Journal of Neuroscience</i> , 2010, 30, 9738-9752.	1.7	62
17	Glutamate receptor targeting in the postsynaptic spine involves mechanisms that are independent of myosin Va. <i>European Journal of Neuroscience</i> , 2001, 13, 1722-1732.	1.2	58
18	Gipc1 has a dual role in Vangl2 trafficking and hair bundle integrity in the inner ear. <i>Development (Cambridge)</i> , 2012, 139, 3775-3785.	1.2	54

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19	The Role of the PDZ Protein GIPC in Regulating NMDA Receptor Trafficking. <i>Journal of Neuroscience</i> , 2007, 27, 11663-11675.	1.7	53
20	Scribble1/AP2 Complex Coordinates NMDA Receptor Endocytic Recycling. <i>Cell Reports</i> , 2014, 9, 712-727.	2.9	40
21	Wnts contribute to neuromuscular junction formation through distinct signaling pathways. <i>Development (Cambridge)</i> , 2017, 144, 1712-1724.	1.2	39
22	Synapse associated protein 102 is a novel binding partner to the cytoplasmic terminus of neurone-glia related cell adhesion molecule. <i>Journal of Neurochemistry</i> , 2005, 94, 1243-1253.	2.1	33
23	Microglial Activation Enhances Associative Taste Memory through Purinergic Modulation of Glutamatergic Neurotransmission. <i>Journal of Neuroscience</i> , 2015, 35, 3022-3033.	1.7	27
24	Distribution of calretinin mRNA in the vestibular nuclei of rat and guinea pig and the effects of unilateral labyrinthectomy: a non-radioactive in situ hybridization study. <i>Molecular Brain Research</i> , 1995, 28, 1-11.	2.5	23
25	Regulation of NMDA Receptor Subunit mRNA Expression in the Guinea Pig Vestibular Nuclei Following Unilateral Labyrinthectomy. <i>European Journal of Neuroscience</i> , 1997, 9, 2019-2034.	1.2	23
26	Vangl2 acts at the interface between actin and N-cadherin to modulate mammalian neuronal outgrowth. <i>ELife</i> , 2020, 9, .	2.8	23
27	Nutritional Omega-3 Deficiency Alters Glucocorticoid Receptor-Signaling Pathway and Neuronal Morphology in Regionally Distinct Brain Structures Associated with Emotional Deficits. <i>Neural Plasticity</i> , 2016, 2016, 1-9.	1.0	20
28	Calcium-binding proteins map the postnatal development of rat vestibular nuclei and their vestibular and cerebellar projections. <i>Journal of Comparative Neurology</i> , 2002, 451, 374-391.	0.9	18
29	Loss of GLUR2 alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid receptor subunit differentially affects remaining synaptic glutamate receptors in cerebellum and cochlear nuclei. <i>European Journal of Neuroscience</i> , 2004, 19, 2017-2029.	1.2	18
30	Activity-Dependent Neuroplasticity Induced by an Enriched Environment Reverses Cognitive Deficits in Scribble Deficient Mouse. <i>Cerebral Cortex</i> , 2017, 27, 5635-5651.	1.6	15
31	Detection of Planar Polarity Proteins in Mammalian Cochlea. <i>Methods in Molecular Biology</i> , 2008, 468, 207-219.	0.4	12
32	Planar Cell Polarity Gene Mutations in Autism Spectrum Disorder, Intellectual Disabilities, and Related Deletion/Duplication Syndromes. , 2016, , 189-219.		10
33	Vangl2 in the Dentate Network Modulates Pattern Separation and Pattern Completion. <i>Cell Reports</i> , 2020, 31, 107743.	2.9	10
34	Early loss of Scribble affects cortical development, interhemispheric connectivity and psychomotor activity. <i>Scientific Reports</i> , 2021, 11, 9106.	1.6	7
35	The cell polarity protein Vangl2 in the muscle shapes the neuromuscular synapse by binding to and regulating the tyrosine kinase MuSK. <i>Science Signaling</i> , 2022, 15, eabg4982.	1.6	4
36	Scribble Controls Social Motivation Behavior through the Regulation of the ERK/Mnk1 Pathway. <i>Cells</i> , 2022, 11, 1601.	1.8	1

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37	The embryonic development of hindbrain respiratory networks is unaffected by mutation of the planar polarity protein Scribble. <i>Neuroscience</i> , 2017, 357, 160-171.	1.1	0