

Jan R T Van Weering

List of Publications by Year in descending order

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44
papers

2,904
citations

236925

25
h-index

243625

44
g-index

49
all docs

49
docs citations

49
times ranked

5745
citing authors

#	ARTICLE	IF	CITATIONS
1	SynGO: An Evidence-Based, Expert-Curated Knowledge Base for the Synapse. <i>Neuron</i> , 2019, 103, 217-234.e4.	8.1	518
2	A SNX3-dependent retromer pathway mediates retrograde transport of the Wnt sorting receptor Wntless and is required for Wnt secretion. <i>Nature Cell Biology</i> , 2011, 13, 914-923.	10.3	286
3	The Retromer Coat Complex Coordinates Endosomal Sorting and Dynein-Mediated Transport, with Carrier Recognition by the trans-Golgi Network. <i>Developmental Cell</i> , 2009, 17, 110-122.	7.0	252
4	Proteomic analysis of cerebrospinal fluid extracellular vesicles: A comprehensive dataset. <i>Journal of Proteomics</i> , 2014, 106, 191-204.	2.4	222
5	Molecular basis for SNX-BAR-mediated assembly of distinct endosomal sorting tubules. <i>EMBO Journal</i> , 2012, 31, 4466-4480.	7.8	157
6	SNX-BAR proteins in phosphoinositide-mediated, tubular-based endosomal sorting. <i>Seminars in Cell and Developmental Biology</i> , 2010, 21, 371-380.	5.0	150
7	SNX-BAR-Mediated Endosome Tubulation is Coordinated with Endosome Maturation. <i>Traffic</i> , 2012, 13, 94-107.	2.7	143
8	Plasma vesicle miRNAs for therapy response monitoring in Hodgkin lymphoma patients. <i>JCI Insight</i> , 2016, 1, e89631.	5.0	121
9	Membrane-associated cargo recycling by tubule-based endosomal sorting. <i>Seminars in Cell and Developmental Biology</i> , 2014, 31, 40-47.	5.0	77
10	MIR137 schizophrenia-associated locus controls synaptic function by regulating synaptogenesis, synapse maturation and synaptic transmission. <i>Human Molecular Genetics</i> , 2018, 27, 1879-1891.	2.9	58
11	Mice with megalencephalic leukoencephalopathy with cysts: A developmental angle. <i>Annals of Neurology</i> , 2015, 77, 114-131.	5.3	57
12	Pool size estimations for dense-core vesicles in mammalian CNS neurons. <i>EMBO Journal</i> , 2018, 37, .	7.8	53
13	The RAB3-RIM Pathway Is Essential for the Release of Neuromodulators. <i>Neuron</i> , 2019, 104, 1065-1080.e12.	8.1	53
14	DOC2B Acts as a Calcium Switch and Enhances Vesicle Fusion. <i>Journal of Neuroscience</i> , 2008, 28, 6794-6806.	3.6	52
15	Vesicle-bound EBV-BART13p miRNA in circulation distinguishes nasopharyngeal from other head and neck cancer and asymptomatic EBV infections. <i>International Journal of Cancer</i> , 2019, 144, 2555-2566.	5.1	49
16	Granulovacuolar degeneration bodies are neuron-selective lysosomal structures induced by intracellular tau pathology. <i>Acta Neuropathologica</i> , 2019, 138, 943-970.	7.7	48
17	Extension of Helix 12 in Munc18-1 Induces Vesicle Priming. <i>Journal of Neuroscience</i> , 2016, 36, 6881-6891.	3.6	47
18	Intracellular Membrane Traffic at High Resolution. <i>Methods in Cell Biology</i> , 2010, 96, 619-648.	1.1	46

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19	Vti1a/b regulate synaptic vesicle and dense core vesicle secretion via protein sorting at the Golgi. <i>Nature Communications</i> , 2018, 9, 3421.	12.8	45
20	The Role of Rab3a in Secretory Vesicle Docking Requires Association/Dissociation of Guanidine Phosphates and Munc18-1. <i>PLoS ONE</i> , 2007, 2, e616.	2.5	36
21	Direct quantitative detection of Doc2b-induced hemifusion in optically trapped membranes. <i>Nature Communications</i> , 2015, 6, 8387.	12.8	34
22	The UPR reduces glucose metabolism via IRE1 signaling. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 655-665.	4.1	34
23	Vitrification of Tokuyasu-style immuno-labelled sections for correlative cryo light microscopy and cryo electron tomography. <i>Journal of Structural Biology</i> , 2014, 186, 273-282.	2.8	32
24	Tyrosine phosphorylation of Munc18-1 inhibits synaptic transmission by preventing <sc>SNARE</sc> Assembly. <i>EMBO Journal</i> , 2018, 37, 300-320.	7.8	32
25	CAPS-1 promotes fusion competence of stationary dense-core vesicles in presynaptic terminals of mammalian neurons. <i>ELife</i> , 2015, 4, .	6.0	32
26	Rab3 Proteins Involved in Vesicle Biogenesis and Priming in Embryonic Mouse Chromaffin Cells. <i>Traffic</i> , 2010, 11, 1415-1428.	2.7	28
27	Endophilin-A coordinates priming and fusion of neurosecretory vesicles via intersectin. <i>Nature Communications</i> , 2020, 11, 1266.	12.8	26
28	A Post-Docking Role of Synaptotagmin 1-C2B Domain Bottom Residues R398/399 in Mouse Chromaffin Cells. <i>Journal of Neuroscience</i> , 2015, 35, 14172-14182.	3.6	24
29	Dense-core vesicle biogenesis and exocytosis in neurons lacking chromogranins A and B. <i>Journal of Neurochemistry</i> , 2018, 144, 241-254.	3.9	24
30	Endolysosome and Autolysosome Dysfunction in Alzheimer's Disease: Where Intracellular and Extracellular Meet. <i>CNS Drugs</i> , 2019, 33, 639-648.	5.9	23
31	Capturing Endocytic Segregation Events with HPF-CLEM. <i>Methods in Cell Biology</i> , 2012, 111, 175-201.	1.1	21
32	A flat embedding method for transmission electron microscopy reveals an unknown mechanism of tetracycline. <i>Communications Biology</i> , 2021, 4, 306.	4.4	19
33	Tomosyn associates with secretory vesicles in neurons through its N- and C-terminal domains. <i>PLoS ONE</i> , 2017, 12, e0180912.	2.5	18
34	<sc>SALM</sc> 1 controls synapse development by promoting F-actin/PIP2-dependent Neurexin clustering. <i>EMBO Journal</i> , 2019, 38, e101289.	7.8	17
35	VPS35 depletion does not impair presynaptic structure and function. <i>Scientific Reports</i> , 2018, 8, 2996.	3.3	14
36	Quantitative image analysis tool to study the plasma membrane localization of proteins and cortical actin in neuroendocrine cells. <i>Journal of Neuroscience Methods</i> , 2014, 236, 1-10.	2.5	8

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37	The endosomal protein sorting nexin 4 is a synaptic protein. <i>Scientific Reports</i> , 2020, 10, 18239.	3.3	8
38	MUNC18-1 regulates the submembrane F-actin network, independently of syntaxin1 targeting, via hydrophobicity in β -sheet 10. <i>Journal of Cell Science</i> , 2019, 132, .	2.0	7
39	Loss of MUNC18 β leads to retrograde transport defects in neurons. <i>Journal of Neurochemistry</i> , 2021, 157, 450-466.	3.9	7
40	Reduced mGluR5 Activity Modulates Mitochondrial Function. <i>Cells</i> , 2021, 10, 1375.	4.1	7
41	Post-tetanic potentiation lowers the energy barrier for synaptic vesicle fusion independently of Synaptotagmin-1. <i>ELife</i> , 2020, 9, .	6.0	7
42	Automated analysis of secretory vesicle distribution at the ultrastructural level. <i>Journal of Neuroscience Methods</i> , 2008, 173, 83-90.	2.5	5
43	Retromer arrests receptor on the run. <i>Nature Chemical Biology</i> , 2011, 7, 251-252.	8.0	3
44	The seeding of tau pathology alters the endolysosomal system. <i>Alzheimer's and Dementia</i> , 2020, 16, e038117.	0.8	0