

# 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	Loss of MUNC18-1 leads to retrograde transport defects in neurons. <i>Journal of Neurochemistry</i> , 2021, 157, 450-466.	3.9	7
2	A flat embedding method for transmission electron microscopy reveals an unknown mechanism of tetracycline. <i>Communications Biology</i> , 2021, 4, 306.	4.4	19
3	Reduced mGluR5 Activity Modulates Mitochondrial Function. <i>Cells</i> , 2021, 10, 1375.	4.1	7
4	The endosomal protein sorting nexin 4 is a synaptic protein. <i>Scientific Reports</i> , 2020, 10, 18239.	3.3	8
5	The seeding of tau pathology alters the endolysosomal system. <i>Alzheimer's and Dementia</i> , 2020, 16, e038117.	0.8	0
6	Endophilin-A coordinates priming and fusion of neurosecretory vesicles via intersectin. <i>Nature Communications</i> , 2020, 11, 1266.	12.8	26
7	Post-tetanic potentiation lowers the energy barrier for synaptic vesicle fusion independently of Synaptotagmin-1. <i>ELife</i> , 2020, 9, .	6.0	7
8	<scp>SALM</scp> 1 controls synapse development by promoting F-actin/PIP2-dependent Neurexin clustering. <i>EMBO Journal</i> , 2019, 38, e101289.	7.8	17
9	The RAB3-RIM Pathway Is Essential for the Release of Neuromodulators. <i>Neuron</i> , 2019, 104, 1065-1080.e12.	8.1	53
10	MUNC18-1 regulates the submembrane F-actin network, independently of syntaxin1 targeting, via hydrophobicity in $\beta$ -sheet 10. <i>Journal of Cell Science</i> , 2019, 132, .	2.0	7
11	Granulovacuolar degeneration bodies are neuron-selective lysosomal structures induced by intracellular tau pathology. <i>Acta Neuropathologica</i> , 2019, 138, 943-970.	7.7	48
12	Endolysosome and Autolysosome Dysfunction in Alzheimer's Disease: Where Intracellular and Extracellular Meet. <i>CNS Drugs</i> , 2019, 33, 639-648.	5.9	23
13	SynGO: An Evidence-Based, Expert-Curated Knowledge Base for the Synapse. <i>Neuron</i> , 2019, 103, 217-234.e4.	8.1	518
14	Vesicle-bound EBV-BART13 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
15	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
16	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
17	VPS35 depletion does not impair presynaptic structure and function. <i>Scientific Reports</i> , 2018, 8, 2996.	3.3	14
18	Tyrosine phosphorylation of Munc18-1 inhibits synaptic transmission by preventing <scp>SNARE</scp> Assembly. <i>EMBO Journal</i> , 2018, 37, 300-320.	7.8	32

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19	Pool size estimations for dense-core vesicles in mammalian CNS neurons. EMBO Journal, 2018, 37, .	7.8	53
20	Vti1a/b regulate synaptic vesicle and dense core vesicle secretion via protein sorting at the Golgi. Nature Communications, 2018, 9, 3421.	12.8	45
21	The UPR reduces glucose metabolism via IRE1 signaling. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 655-665.	4.1	34
22	Tomosyn associates with secretory vesicles in neurons through its N- and C-terminal domains. PLoS ONE, 2017, 12, e0180912.	2.5	18
23	Plasma vesicle miRNAs for therapy response monitoring in Hodgkin lymphoma patients. JCI Insight, 2016, 1, e89631.	5.0	121
24	Extension of Helix 12 in Munc18-1 Induces Vesicle Priming. Journal of Neuroscience, 2016, 36, 6881-6891.	3.6	47
25	Direct quantitative detection of Doc2b-induced hemifusion in optically trapped membranes. Nature Communications, 2015, 6, 8387.	12.8	34
26	A Post-Docking Role of Synaptotagmin 1-C2B Domain Bottom Residues R398/399 in Mouse Chromaffin Cells. Journal of Neuroscience, 2015, 35, 14172-14182.	3.6	24
27	Mice with megalencephalic leukoencephalopathy with cysts: A developmental angle. Annals of Neurology, 2015, 77, 114-131.	5.3	57
28	CAPS-1 promotes fusion competence of stationary dense-core vesicles in presynaptic terminals of mammalian neurons. ELife, 2015, 4, .	6.0	32
29	Proteomic analysis of cerebrospinal fluid extracellular vesicles: A comprehensive dataset. Journal of Proteomics, 2014, 106, 191-204.	2.4	222
30	Quantitative image analysis tool to study the plasma membrane localization of proteins and cortical actin in neuroendocrine cells. Journal of Neuroscience Methods, 2014, 236, 1-10.	2.5	8
31	Membrane-associated cargo recycling by tubule-based endosomal sorting. Seminars in Cell and Developmental Biology, 2014, 31, 40-47.	5.0	77
32	Vitrification of Tokuyasu-style immuno-labelled sections for correlative cryo light microscopy and cryo electron tomography. Journal of Structural Biology, 2014, 186, 273-282.	2.8	32
33	Molecular basis for SNX-BAR-mediated assembly of distinct endosomal sorting tubules. EMBO Journal, 2012, 31, 4466-4480.	7.8	157
34	Capturing Endocytic Segregation Events with HPF-CLEM. Methods in Cell Biology, 2012, 111, 175-201.	1.1	21
35	SNX-BAR-Mediated Endosome Tubulation is Coordinated with Endosome Maturation. Traffic, 2012, 13, 94-107.	2.7	143
36	A SNX3-dependent retromer pathway mediates retrograde transport of the Wnt sorting receptor Wntless and is required for Wnt secretion. Nature Cell Biology, 2011, 13, 914-923.	10.3	286

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37	Retromer arrests receptor on the run. <i>Nature Chemical Biology</i> , 2011, 7, 251-252.	8.0	3
38	Rab3 Proteins Involved in Vesicle Biogenesis and Priming in Embryonic Mouse Chromaffin Cells. <i>Traffic</i> , 2010, 11, 1415-1428.	2.7	28
39	SNXâ€“BAR proteins in phosphoinositide-mediated, tubular-based endosomal sorting. <i>Seminars in Cell and Developmental Biology</i> , 2010, 21, 371-380.	5.0	150
40	Intracellular Membrane Traffic at High Resolution. <i>Methods in Cell Biology</i> , 2010, 96, 619-648.	1.1	46
41	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
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	DOC2B Acts as a Calcium Switch and Enhances Vesicle Fusion. <i>Journal of Neuroscience</i> , 2008, 28, 6794-6806.	3.6	52
44	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