

# Johannes J Van Der Want

## List of Publications by Citations

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98  
papers

3,515  
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32  
h-index

56  
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98  
ext. papers

3,741  
ext. citations

4.7  
avg, IF

4.49  
L-index

#	Paper	IF	Citations
98	Ultrastructural study shows morphologic features of apoptosis and para-apoptosis in megakaryocytes from patients with idiopathic thrombocytopenic purpura. <i>Blood</i> , <b>2004</b> , 103, 500-6	2.2	229
97	Anterograde tracing of the rat olivocerebellar system with Phaseolus vulgaris leucoagglutinin (PHA-L). Demonstration of climbing fiber collateral innervation of the cerebellar nuclei. <i>Journal of Comparative Neurology</i> , <b>1989</b> , 288, 1-18	3.4	202
96	Reinnervation of cerebellar Purkinje cells by climbing fibres surviving a subtotal lesion of the inferior olive in the adult rat. I. Development of new collateral branches and terminal plexuses. <i>Journal of Comparative Neurology</i> , <b>1991</b> , 308, 513-35	3.4	198
95	Polarised asymmetric inheritance of accumulated protein damage in higher eukaryotes. <i>PLoS Biology</i> , <b>2006</b> , 4, e417	9.7	187
94	Prolonged cigarette smoke exposure alters mitochondrial structure and function in airway epithelial cells. <i>Respiratory Research</i> , <b>2013</b> , 14, 97	7.3	173
93	Pantethine rescues a Drosophila model for pantothenate kinase-associated neurodegeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 6988-93	11.5	113
92	Ultrastructural organization of the retino-prelecto-olivary pathway in the rabbit: a combined WGA-HRP tracing and GABA immunocytochemical study. <i>Journal of Comparative Neurology</i> , <b>1990</b> , 291, 313-27	3.4	113
91	Bergmann glia and the recognition molecule CHL1 organize GABAergic axons and direct innervation of Purkinje cell dendrites. <i>PLoS Biology</i> , <b>2008</b> , 6, e103	9.7	112
90	Glutamate immunoreactivity in terminals of the retinohypothalamic tract of the brown Norwegian rat. <i>Brain Research</i> , <b>1993</b> , 612, 231-7	3.7	109
89	Activation of proteolysis by calpains and structural changes in human paroxysmal and persistent atrial fibrillation. <i>Cardiovascular Research</i> , <b>2002</b> , 54, 380-9	9.9	97
88	Dynamic changes in the localization of thermally unfolded nuclear proteins associated with chaperone-dependent protection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2001</b> , 98, 12038-43	11.5	92
87	The presynaptic grid: a new approach. <i>Brain Research</i> , <b>1980</b> , 184, 23-40	3.7	80
86	Ultrastructural analysis of climbing fiber-Purkinje cell synaptogenesis in the rat cerebellum. <i>Neuroscience</i> , <b>2001</b> , 108, 655-71	3.9	70
85	Reinnervation of cerebellar Purkinje cells by climbing fibres surviving a subtotal lesion of the inferior olive in the adult rat. II. Synaptic organization on reinnervated Purkinje cells. <i>Journal of Comparative Neurology</i> , <b>1991</b> , 308, 536-54	3.4	70
84	The peripheral and central projections of the Edinger-Westphal nucleus in the rat. A light and electron microscopic tracing study. <i>Brain Research</i> , <b>1993</b> , 632, 260-73	3.7	61
83	Different intrahepatic distribution of phosphatidylglycerol and phosphatidylserine liposomes in the rat. <i>Hepatology</i> , <b>1997</b> , 26, 416-23	11.2	59
82	Lymphatic uptake and biodistribution of liposomes after subcutaneous injection . IV. Fate of liposomes in regional lymph nodes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1998</b> , 1370, 259-72	3.8	59

81	Ultrastructural organization of GABA in the rabbit superior colliculus revealed by quantitative postembedding immunocytochemistry. <i>Journal of Comparative Neurology</i> , <b>1994</b> , 341, 273-87	3.4	58
80	Effects of different small HSPB members on contractile dysfunction and structural changes in a <i>Drosophila melanogaster</i> model for Atrial Fibrillation. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2011</b> , 51, 381-9	5.8	50
79	Retinopretectal projections in albino and pigmented rabbits: an autoradiographic study. <i>Brain Research</i> , <b>1983</b> , 288, 1-12	3.7	50
78	Megakaryocytic dysfunction in myelodysplastic syndromes and idiopathic thrombocytopenic purpura is in part due to different forms of cell death. <i>Leukemia</i> , <b>2006</b> , 20, 1937-42	10.7	48
77	Corticotropin-releasing factor and urocortin differentially modulate rat Purkinje cell dendritic outgrowth and differentiation in vitro. <i>European Journal of Neuroscience</i> , <b>2004</b> , 19, 1749-58	3.5	47
76	Efferent projections of the olivary pretectal nucleus in the albino rat subserving the pupillary light reflex and related reflexes. A light microscopic tracing study. <i>Brain Research</i> , <b>1995</b> , 688, 34-46	3.7	47
75	Glutamate-like immunoreactivity in retinal terminals in the nucleus of the optic tract in rabbits. <i>Journal of Comparative Neurology</i> , <b>1991</b> , 309, 261-70	3.4	42
74	Increased peripheral platelet destruction and caspase-3-independent programmed cell death of bone marrow megakaryocytes in myelodysplastic patients. <i>Blood</i> , <b>2005</b> , 105, 3472-9	2.2	41
73	Erythroid precursors from patients with low-risk myelodysplasia demonstrate ultrastructural features of enhanced autophagy of mitochondria. <i>Leukemia</i> , <b>2009</b> , 23, 886-91	10.7	38
72	Preservation of endothelial integrity and function in experimental vascular anastomosis with non-penetrating clips. <i>British Journal of Surgery</i> , <b>2001</b> , 88, 1201-8	5.3	38
71	Tract-tracing in the nervous system of vertebrates using horseradish peroxidase and its conjugates: tracers, chromogens and stabilization for light and electron microscopy. <i>Brain Research Protocols</i> , <b>1997</b> , 1, 269-79		37
70	Rat abdominal aorta stenting: a new and reliable small animal model for in-stent restenosis. <i>Journal of Vascular Research</i> , <b>2004</b> , 41, 377-86	1.9	36
69	The allocation of nerve fibres to the anterior eye segment and peripheral ganglia of rats. I. The sensory innervation. <i>Brain Research</i> , <b>1989</b> , 494, 95-104	3.7	36
68	Prognostic role of indoleamine 2,3-dioxygenase in endometrial carcinoma. <i>Gynecologic Oncology</i> , <b>2012</b> , 126, 474-80	4.9	33
67	Nonpenetrating vascular clips for small-caliber anastomosis. <i>Microsurgery</i> , <b>2000</b> , 20, 131-8	2.1	32
66	Ultrastructural identification and localization of climbing fiber terminals in the fastigial nucleus of the cat. <i>Journal of Comparative Neurology</i> , <b>1987</b> , 258, 81-90	3.4	30
65	Non-coating fixation techniques or redundancy of conductive coating, low kV FE-SEM operation and combined SEM/TEM of biological tissues. <i>Journal of Microscopy</i> , <b>1999</b> , 193, 158-70	1.9	29
64	Lens epithelial cell layer formation related to hydrogel foldable intraocular lenses. <i>Journal of Cataract and Refractive Surgery</i> , <b>1999</b> , 25, 1637-40	2.3	29

63	The allocation of nerve fibres to the anterior eye segment and peripheral ganglia of rats. II. The sympathetic innervation. <i>Brain Research</i> , <b>1989</b> , 494, 105-13	3.7	29
62	Corticotropin-releasing factor receptor types 1 and 2 are differentially expressed in pre- and post-synaptic elements in the post-natal developing rat cerebellum. <i>European Journal of Neuroscience</i> , <b>2003</b> , 18, 549-62	3.5	28
61	Medial terminal nucleus terminals in the nucleus of the optic tract contain GABA: an electron microscopical study with immunocytochemical double labeling of GABA and PHA-L. <i>Journal of Comparative Neurology</i> , <b>1991</b> , 312, 231-41	3.4	28
60	A comparative study of thin coatings of Au/Pd, Pt and Cr produced by magnetron sputtering for FE-SEM. <i>Journal of Microscopy</i> , <b>1998</b> , 189, 79-89	1.9	25
59	GABA immuno-electron microscopic study of the nucleus of the optic tract in the rabbit. <i>Journal of Comparative Neurology</i> , <b>1988</b> , 271, 229-42	3.4	25
58	Autoradiography of mossy fiber terminals in the fastigial nucleus of the cat. <i>Journal of Comparative Neurology</i> , <b>1987</b> , 258, 70-80	3.4	24
57	Disruption of endothelial caveolae is associated with impairment of both NO- as well as EDHF in acetylcholine-induced relaxation depending on their relative contribution in different vascular beds. <i>Life Sciences</i> , <b>2007</b> , 80, 1678-85	6.8	23
56	GABAergic neurons and circuits in the pretectal nuclei and the accessory optic system of mammals. <i>Progress in Brain Research</i> , <b>1992</b> , 90, 283-305	2.9	23
55	Segregation of direction selective neurons and synaptic organization of inhibitory intranuclear connections in the medial terminal nucleus of the rat: an electrophysiological and immunoelectron microscopical study. <i>Journal of Comparative Neurology</i> , <b>1993</b> , 338, 175-92	3.4	23
54	Cerebellar development and plasticity: perspectives for motor coordination strategies, for motor skills, and for therapy. <i>Neural Plasticity</i> , <b>2005</b> , 12, 153-60; discussion 263-72	3.3	22
53	The localisation of urocortin in the adult rat cerebellum: a light and electron microscopic study. <i>Neuroscience</i> , <b>2002</b> , 114, 891-903	3.9	22
52	Climbing Fibre Plasticity in the Cerebellum of the Adult Rat. <i>European Journal of Neuroscience</i> , <b>1989</b> , 1, 543-547	3.5	22
51	Lipid droplets hypertrophy: a crucial determining factor in insulin regulation by adipocytes. <i>Scientific Reports</i> , <b>2015</b> , 5, 8816	4.9	19
50	Corticotropin-releasing factor and urocortin regulate spine and synapse formation: structural basis for stress-induced neuronal remodeling and pathology. <i>Molecular Psychiatry</i> , <b>2013</b> , 18, 86-92	15.1	19
49	Dendro-dendritic connections between motoneurons in the rat spinal cord: an electron microscopic investigation. <i>Brain Research</i> , <b>1998</b> , 779, 342-5	3.7	19
48	Sympathetic innervation of the rat choroid: an autoradiographic tracing and immunohistochemical study. <i>Ophthalmic Research</i> , <b>1996</b> , 28, 36-43	2.9	19
47	Formation of transparent conducting films based on core-shell lattices: Influence of the polypyrrole shell thickness. <i>Journal of Applied Polymer Science</i> , <b>2001</b> , 79, 900-909	2.9	18
46	GABAergic and non-GABAergic neurons in the nucleus of the optic tract project to the superior colliculus: an ultrastructural retrograde tracer and immunocytochemical study in the rabbit. <i>Journal of Comparative Neurology</i> , <b>1994</b> , 350, 646-56	3.4	18

45	A discrete dopaminergic projection from the incertohypothalamic A13 cell group to the dorsolateral periaqueductal gray in rat. <i>Frontiers in Neuroanatomy</i> , <b>2013</b> , 7, 41	3.6	17
44	Granular dystrophy of the cornea (Groenouw's type I). Is the keratocyte the primary source after all?. <i>Ophthalmologica</i> , <b>1987</b> , 195, 169-77	3.7	17
43	Cerebellar heterokaryon formation increases with age and after irradiation. <i>Stem Cell Research</i> , <b>2007</b> , 1, 150-4	1.6	16
42	Qualitative and quantitative preservation of the fine structure of absorptive cells in cultured biopsies of human small-intestine. <i>Cell and Tissue Research</i> , <b>1977</b> , 181, 143-62	4.2	16
41	Estrous cycle-dependent neural plasticity in the caudal brainstem in the female golden hamster: ultrastructural and immunocytochemical studies of axo-dendritic relationships and dynamic remodeling. <i>Hormones and Behavior</i> , <b>2008</b> , 54, 627-39	3.7	15
40	Magnetic minerals. Keystone-like crystals in cells of hornet combs. <i>Nature</i> , <b>2001</b> , 411, 654	50.4	15
39	CRF and urocortin differentially modulate GluRdelta2 expression and distribution in parallel fiber-Purkinje cell synapses. <i>Molecular and Cellular Neurosciences</i> , <b>2005</b> , 30, 513-22	4.8	14
38	Dopamine-immunoreactivity in the rat mesencephalic trigeminal nucleus: an ultrastructural analysis. <i>Brain Research</i> , <b>1997</b> , 755, 319-25	3.7	13
37	Synaptic input as a directional cue for migrating interneuron precursors. <i>Development (Cambridge)</i> , <b>2017</b> , 144, 4125-4136	6.6	12
36	Enhanced myogenic constriction of mesenteric artery in heart failure relates to decreased smooth muscle cell caveolae numbers and altered AT1- and epidermal growth factor-receptor function. <i>European Journal of Heart Failure</i> , <b>2009</b> , 11, 246-55	12.3	12
35	Early hypergravity exposure effects calbindin-D28k and inositol-3-phosphate expression in Purkinje cells. <i>Neuroscience Letters</i> , <b>2005</b> , 382, 10-5	3.3	12
34	Ciliary hair cells and cuticular photoreceptor of the hornet <i>Vespa orientalis</i> as components of a gravity detecting system: an SEM/TEM investigation. <i>Journal of Electron Microscopy</i> , <b>1999</b> , 48, 63-75		12
33	Efferent synaptic organization of the olivary pretectal nucleus in the albino rat. An ultrastructural tracing study. <i>Brain Research</i> , <b>1995</b> , 688, 47-55	3.7	11
32	Variation in form and axonal termination in the nucleus of the optic tract of the rat: the medial terminal nucleus input on neurons projecting to the inferior olive. <i>Journal of Comparative Neurology</i> , <b>1992</b> , 325, 446-61	3.4	11
31	Synaptic organization of the nucleus of the optic tract in the rabbit: a combined Golgi-electron microscopic study. <i>Journal of Neurocytology</i> , <b>1987</b> , 16, 389-401		11
30	Microvascular changes in estrogen-sensitive brainstem structures of aging female hamsters. <i>Neuroscience Research</i> , <b>2010</b> , 67, 267-74	2.9	10
29	The dynamic developmental localization of the full-length corticotropin-releasing factor receptor type 2 in rat cerebellum. <i>European Journal of Neuroscience</i> , <b>2006</b> , 23, 3217-24	3.5	10
28	The size and curvature of synapses in the cerebellar cortex of the cat. <i>Anatomy and Embryology</i> , <b>1985</b> , 171, 83-9		10

27	Multipotent stem cell factor UGS148 is a marker for tanycytes in the adult hypothalamus. <i>Molecular and Cellular Neurosciences</i> , <b>2015</b> , 65, 21-30	4.8	9
26	Morphology of the endolymphatic sac in the guinea pig after an acute endolymphatic hydrops. <i>Hearing Research</i> , <b>2005</b> , 202, 180-7	3.9	9
25	Microglia and macrophages in human glioblastomas: A morphological and immunohistochemical study. <i>Molecular and Clinical Oncology</i> , <b>2019</b> , 11, 31-36	1.6	8
24	Regional differences in age-related lipofuscin accumulation in the female hamster brainstem. <i>Neurobiology of Aging</i> , <b>2012</b> , 33, 625.e1-9	5.6	8
23	Localization of NG2 immunoreactive neuroglia cells in the rat locus coeruleus and their plasticity in response to stress. <i>Frontiers in Neuroanatomy</i> , <b>2014</b> , 8, 31	3.6	7
22	Formation and maturation of parallel fiber-Purkinje cell synapses in the Staggerer cerebellum <i>ex vivo</i> . <i>Journal of Comparative Neurology</i> , <b>2009</b> , 512, 467-77	3.4	7
21	The postnatal developmental expression pattern of urocortin in the rat olivocerebellar system. <i>Journal of Comparative Neurology</i> , <b>2004</b> , 472, 40-51	3.4	7
20	Functional and anatomic alterations in the gentamicin-damaged vestibular system in the guinea pig. <i>Otology and Neurotology</i> , <b>2004</b> , 25, 57-64	2.6	7
19	Variations in presynaptic grid size in the granular and molecular layer of the cerebellar cortex of the cat. I. A quantitative ultrastructural study on semithin E-PTA sections. <i>Brain Research</i> , <b>1984</b> , 307, 247-54	3.7	7
18	Sinusoidal endothelial cells are damaged and display enhanced autophagy in myelodysplastic syndromes. <i>British Journal of Haematology</i> , <b>2013</b> , 161, 443-6	4.5	6
17	Potassium ferricyanide: a stabilizer for horseradish peroxidase. <i>Journal of Histochemistry and Cytochemistry</i> , <b>1984</b> , 32, 1005-8	3.4	6
16	Spatiotemporal Distribution of GABA Receptor Subunits Within Layer II of Mouse Medial Entorhinal Cortex: Implications for Grid Cell Excitability. <i>Frontiers in Neuroanatomy</i> , <b>2018</b> , 12, 46	3.6	5
15	Dorsal border periaqueductal gray neurons project to the area directly adjacent to the central canal ependyma of the C4-T8 spinal cord in the cat. <i>Experimental Brain Research</i> , <b>1996</b> , 112, 11-23	2.3	5
14	Differences in synaptic size in the superficial and deep layers of the molecular layer of the cerebellar cortex of the cat. An electronmicroscopic and autoradiographic study. <i>Anatomy and Embryology</i> , <b>1985</b> , 172, 303-9		5
13	GABA Receptor Subunit $\beta$ in Network Dynamics in the Medial Entorhinal Cortex. <i>Frontiers in Systems Neuroscience</i> , <b>2019</b> , 13, 10	3.5	4
12	Extralyosomal localisation of acid phosphatase in the rat kidney. <i>Histochemistry and Cell Biology</i> , <b>1998</b> , 109, 375-82	2.4	4
11	Localization and functional roles of corticotropin-releasing factor receptor type 2 in the cerebellum. <i>Cerebellum</i> , <b>2008</b> , 7, 4-8	4.3	4
10	Retrograde fluorescent microsphere tracing of retinal and central afferents to the nucleus of the optic tract in pigmented and albino rats. <i>Neuroscience Letters</i> , <b>1995</b> , 201, 143-6	3.3	4

9	Erythroid progenitors from patients with low-risk myelodysplastic syndromes are dependent on the surrounding micro environment for their survival. <i>Experimental Hematology</i> , <b>2015</b> , 43, 215-222.e2	3.1	3
8	The glutamate receptor delta 2 in relation to cerebellar development and plasticity. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2007</b> , 31, 1095-100	9	3
7	Rejected human corneal grafts. II. Light and electron microscopic study. <i>Documenta Ophthalmologica</i> , <b>1981</b> , 50, 343-56	2.2	3
6	Spumiform capillary basement membrane swelling: a new type of microvascular degeneration in senescent hamster. <i>Neurobiology of Aging</i> , <b>2013</b> , 34, 1277-86	5.6	2
5	Reduced aging defects in estrogen receptive brainstem nuclei in the female hamster. <i>Neurobiology of Aging</i> , <b>2012</b> , 33, 2920-34	5.6	2
4	Perovskites in the comb roof base of hornets: their possible function. <i>Microscopy Research and Technique</i> , <b>2005</b> , 66, 259-69	2.8	2
3	Rejected human corneal grafts. I. Clinical study. <i>Documenta Ophthalmologica</i> , <b>1981</b> , 50, 275-82	2.2	2
2	Spumiform basement membrane aberrations in the microvasculature of the midbrain periaqueductal gray region in hamster: rostro-caudal pathogenesis?. <i>Neuroscience</i> , <b>2013</b> , 228, 128-38	3.9	1
1	Endothelial Cells In Low-Risk MDS Show Ultrastructural Features of Enhanced Autophagy. <i>Blood</i> , <b>2010</b> , 116, 2932-2932	2.2	