

# Michiel van Diepen

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

541  
citations

759233

12  
h-index

677142

22  
g-index

27  
all docs

27  
docs citations

27  
times ranked

957  
citing authors

#	ARTICLE	IF	CITATIONS
1	MyosinV controls PTEN function and neuronal cell size. <i>Nature Cell Biology</i> , 2009, 11, 1191-1196.	10.3	82
2	Function of PTEN during the Formation and Maintenance of Neuronal Circuits in the Brain. <i>Developmental Neuroscience</i> , 2008, 30, 59-64.	2.0	62
3	Regulation of PI3K signalling by the phosphatidylinositol transfer protein PITP $\beta$ during axonal extension in hippocampal neurons. <i>Journal of Cell Science</i> , 2008, 121, 796-803.	2.0	49
4	Co-expression of human calreticulin significantly improves the production of HIV gp140 and other viral glycoproteins in plants. <i>Plant Biotechnology Journal</i> , 2020, 18, 2109-2117.	8.3	47
5	Phosphorylation of the Actin Binding Protein Drebrin at S647 Is Regulated by Neuronal Activity and PTEN. <i>PLoS ONE</i> , 2013, 8, e71957.	2.5	33
6	Prime-Boost Immunizations with DNA, Modified Vaccinia Virus Ankara, and Protein-Based Vaccines Elicit Robust HIV-1 Tier 2 Neutralizing Antibodies against the CAP256 Superinfecting Virus. <i>Journal of Virology</i> , 2019, 93, .	3.4	32
7	Ubiquitin ligase TRIM3 controls hippocampal plasticity and learning by regulating synaptic $\beta$ -actin levels. <i>Journal of Cell Biology</i> , 2015, 211, 569-586.	5.2	28
8	Production and Immunogenicity of Soluble Plant-Produced HIV-1 Subtype C Envelope gp140 Immunogens. <i>Frontiers in Plant Science</i> , 2019, 10, 1378.	3.6	28
9	Variomics Screen Identifies the Re-entrant Loop of the Calcium-activated Chloride Channel ANO1 That Facilitates Channel Activation. <i>Journal of Biological Chemistry</i> , 2015, 290, 889-903.	3.4	26
10	The Axonal Membrane Protein PRG2 Inhibits PTEN and Directs Growth to Branches. <i>Cell Reports</i> , 2019, 29, 2028-2040.e8.	6.4	25
11	The adjuvant AlhydroGel elicits higher antibody titres than AddaVax when combined with HIV-1 subtype C gp140 from CAP256. <i>PLoS ONE</i> , 2018, 13, e0208310.	2.5	22
12	The molluscan RING-finger protein L-TRIM is essential for neuronal outgrowth. <i>Molecular and Cellular Neurosciences</i> , 2005, 29, 74-81.	2.2	21
13	High Throughput Mutagenesis for Identification of Residues Regulating Human Prostacyclin (hIP) Receptor Expression and Function. <i>PLoS ONE</i> , 2014, 9, e97973.	2.5	13
14	Immunogenicity of HIV-1 Vaccines Expressing Chimeric Envelope Glycoproteins on the Surface of Pr55 Gag Virus-Like Particles. <i>Vaccines</i> , 2020, 8, 54.	4.4	11
15	Engineering FKBP-Based Destabilizing Domains to Build Sophisticated Protein Regulation Systems. <i>PLoS ONE</i> , 2015, 10, e0145783.	2.5	9
16	Site-Specific Glycosylation of Recombinant Viral Glycoproteins Produced in <i>Nicotiana benthamiana</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 709344.	3.6	9
17	Advancements in the Growth and Construction of Recombinant Lumpy Skin Disease Virus (LSDV) for Use as a Vaccine Vector. <i>Vaccines</i> , 2021, 9, 1131.	4.4	9
18	Field responses to perforant path stimulation in the rat dentate gyrus: role of corticosterone and NMDA-receptor activation. <i>Brain Research</i> , 2000, 854, 230-234.	2.2	5

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19	Regulation of PTEN in neurons by myosin-based transport mechanisms. <i>Advances in Enzyme Regulation</i> , 2010, 50, 119-124.	2.6	5
20	Assessment of an LSDV-Vectored Vaccine for Heterologous Prime-Boost Immunizations against HIV. <i>Vaccines</i> , 2021, 9, 1281.	4.4	5
21	Augmenting glycosylation-directed folding pathways enhances the fidelity of HIV Env immunogen production in plants. <i>Biotechnology and Bioengineering</i> , 0, , .	3.3	5
22	The Development of Automated Patch Clamp Assays for Canonical Transient Receptor Potential Channels TRPC3, 6, and 7. <i>Assay and Drug Development Technologies</i> , 2014, 12, 282-292.	1.2	4
23	Characterization and Immunogenicity of HIV Envelope gp140 Zera <sup>®</sup> Tagged Antigens. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 321.	4.1	4
24	Reduced field response to perforant path stimulation after adrenalectomy: Effect of nimodipine treatment. <i>Synapse</i> , 2002, 44, 1-7.	1.2	3
25	Characterization of a Novel Chimeric Theileria parva p67 Antigen Which Incorporates into Virus-like Particles and Is Highly Immunogenic in Mice. <i>Vaccines</i> , 2022, 10, 210.	4.4	1
26	Development of TRPC Assays on Automated Electrophysiology Platforms. <i>Biophysical Journal</i> , 2014, 106, 753a.	0.5	0