Michiel van Diepen

List of Publications by Year
in descending order

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	Characterization of a Novel Chimeric Theileria parva p67 Antigen Which Incorporates into Virus-like Particles and Is Highly Immunogenic in Mice. Vaccines, 2022, 10, 210.	4.4	1
2	Site-Specific Glycosylation of Recombinant Viral Glycoproteins Produced in Nicotiana benthamiana. Frontiers in Plant Science, 2021, 12, 709344.	3.6	9
3	Advancements in the Growth and Construction of Recombinant Lumpy Skin Disease Virus (LSDV) for Use as a Vaccine Vector. Vaccines, 2021, 9, 1131.	4.4	9
4	Assessment of an LSDV-Vectored Vaccine for Heterologous Prime-Boost Immunizations against HIV. Vaccines, 2021, 9, 1281.	4.4	5
5	Coâ€expression of human calreticulin significantly improves the production of HIV gp140 and other viral glycoproteins in plants. Plant Biotechnology Journal, 2020, 18, 2109-2117.	8.3	47
6	Immunogenicity of HIV-1 Vaccines Expressing Chimeric Envelope Glycoproteins on the Surface of Pr55 Gag Virus-Like Particles. Vaccines, 2020, 8, 54.	4.4	11
7	Characterization and Immunogenicity of HIV Envelope gp140 ZeraÂ® Tagged Antigens. Frontiers in Bioengineering and Biotechnology, 2020, 8, 321.	4.1	4
8	The Axonal Membrane Protein PRG2 Inhibits PTEN and Directs Growth to Branches. Cell Reports, 2019, 29, 2028-2040.e8.	6.4	25
9	Production and Immunogenicity of Soluble Plant-Produced HIV-1 Subtype C Envelope gp140 Immunogens. Frontiers in Plant Science, 2019, 10, 1378.	3.6	28
10	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. Journal of Virology, 2019, 93, .	3.4	32
11	The adjuvant AlhydroGel elicits higher antibody titres than AddaVax when combined with HIV-1 subtype C gp140 from CAP256. PLoS ONE, 2018, 13, e0208310.	2.5	22
12	Engineering FKBP-Based Destabilizing Domains to Build Sophisticated Protein Regulation Systems. PLoS ONE, 2015, 10, e0145783.	2.5	9
13	Variomics Screen Identifies the Re-entrant Loop of the Calcium-activated Chloride Channel ANO1 That Facilitates Channel Activation. Journal of Biological Chemistry, 2015, 290, 889-903.	3.4	26
14	Ubiquitin ligase TRIM3 controls hippocampal plasticity and learning by regulating synaptic Î³-actin levels. Journal of Cell Biology, 2015, 211, 569-586.	5.2	28
15	Development of TRPC Assays on Automated Electrophysiology Platforms. Biophysical Journal, 2014, 106, 753a.	0.5	0
16	The Development of Automated Patch Clamp Assays for Canonical Transient Receptor Potential Channels TRPC3, 6, and 7. Assay and Drug Development Technologies, 2014, 12, 282-292.	1.2	4
17	High Throughput Mutagenesis for Identification of Residues Regulating Human Prostacyclin (hIP) Receptor Expression and Function. PLoS ONE, 2014, 9, e97973.	2.5	13
18	Phosphorylation of the Actin Binding Protein Drebrin at S647 Is Regulated by Neuronal Activity and PTEN. PLoS ONE, 2013, 8, e71957.	2.5	33

#	Article	IF	Citations
19	Regulation of PTEN in neurons by myosin-based transport mechanisms. Advances in Enzyme Regulation, 2010, 50, 119-124.	2.6	5
20	MyosinV controls PTEN function and neuronal cell size. Nature Cell Biology, 2009, 11, 1191-1196.	10.3	82
21	Regulation of PI3K signalling by the phosphatidylinositol transfer protein PITPÎ± during axonal extension in hippocampal neurons. Journal of Cell Science, 2008, 121, 796-803.	2.0	49
22	Function of PTEN during the Formation and Maintenance of Neuronal Circuits in the Brain. Developmental Neuroscience, 2008, 30, 59-64.	2.0	62
23	The molluscan RING-finger protein L-TRIM is essential for neuronal outgrowth. Molecular and Cellular Neurosciences, 2005, 29, 74-81.	2.2	21
24	Reduced field response to perforant path stimulation after adrenalectomy: Effect of nimodipine treatment. Synapse, 2002, 44, 1-7.	1.2	3
25	Field responses to perforant path stimulation in the rat dentate gyrus: role of corticosterone and NMDA-receptor activation. Brain Research, 2000, 854, 230-234.	2.2	5
26	Augmenting glycosylationâ€directed folding pathways enhances the fidelity of HIV Env immunogen production in plants. Biotechnology and Bioengineering, 0, , .	3.3	5