

Femke M S De Vrij

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

2,707
citations

257357

24
h-index

395590

33
g-index

34
all docs

34
docs citations

34
times ranked

4772
citing authors

#	ARTICLE	IF	CITATIONS
1	Rescue of behavioral phenotype and neuronal protrusion morphology in Fmr1 KO mice. <i>Neurobiology of Disease</i> , 2008, 31, 127-132.	2.1	296
2	Activity-based protein profiling reveals off-target proteins of the FAAH inhibitor BIA 10-2474. <i>Science</i> , 2017, 356, 1084-1087.	6.0	251
3	Mutant ubiquitin found in neurodegenerative disorders is a ubiquitin fusion degradation substrate that blocks proteasomal degradation. <i>Journal of Cell Biology</i> , 2002, 157, 417-427.	2.3	197
4	The SAC1 domain in synaptojanin is required for autophagosome maturation at presynaptic terminals. <i>EMBO Journal</i> , 2017, 36, 1392-1411.	3.5	174
5	A simplified protocol for differentiation of electrophysiologically mature neuronal networks from human induced pluripotent stem cells. <i>Molecular Psychiatry</i> , 2018, 23, 1336-1344.	4.1	166
6	Protein quality control in Alzheimer's disease by the ubiquitin proteasome system. <i>Progress in Neurobiology</i> , 2004, 74, 249-270.	2.8	141
7	Disease-specific accumulation of mutant ubiquitin as a marker for proteasomal dysfunction in the brain. <i>FASEB Journal</i> , 2003, 17, 2014-2024.	0.2	140
8	Mutant ubiquitin expressed in Alzheimer's disease causes neuronal death1. <i>FASEB Journal</i> , 2001, 15, 2680-2688.	0.2	121
9	The neuroinvasiveness, neurotropism, and neurovirulence of SARS-CoV-2. <i>Trends in Neurosciences</i> , 2022, 45, 358-368.	4.2	118
10	AFQ056, a new mGluR5 antagonist for treatment of fragile X syndrome. <i>Neurobiology of Disease</i> , 2011, 42, 311-317.	2.1	116
11	Hepatitis E Virus Infects Neurons and Brains. <i>Journal of Infectious Diseases</i> , 2017, 215, 1197-1206.	1.9	94
12	Dose-dependent inhibition of proteasome activity by a mutant ubiquitin associated with neurodegenerative disease. <i>Journal of Cell Science</i> , 2007, 120, 1615-1623.	1.2	85
13	Phenotypic Differences between Asian and African Lineage Zika Viruses in Human Neural Progenitor Cells. <i>MSphere</i> , 2017, 2, .	1.3	83
14	SOX10 Single Transcription Factor-Based Fast and Efficient Generation of Oligodendrocytes from Human Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2018, 10, 655-672.	2.3	81
15	Potential therapeutic interventions for fragile X syndrome. <i>Trends in Molecular Medicine</i> , 2010, 16, 516-527.	3.5	73
16	Loss of nuclear UBE3A causes electrophysiological and behavioral deficits in mice and is associated with Angelman syndrome. <i>Nature Neuroscience</i> , 2019, 22, 1235-1247.	7.1	65
17	Novel genetic loci affecting facial shape variation in humans. <i>ELife</i> , 2019, 8, .	2.8	58
18	Epigenetic Characterization of the FMR1 Promoter in Induced Pluripotent Stem Cells from Human Fibroblasts Carrying an Unmethylated Full Mutation. <i>Stem Cell Reports</i> , 2014, 3, 548-555.	2.3	54

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19	Candidate CSPG4 mutations and induced pluripotent stem cell modeling implicate oligodendrocyte progenitor cell dysfunction in familial schizophrenia. <i>Molecular Psychiatry</i> , 2019, 24, 757-771.	4.1	51
20	Exome-sequencing in a large population-based study reveals a rare Asn396Ser variant in the LIPG gene associated with depressive symptoms. <i>Molecular Psychiatry</i> , 2017, 22, 537-543.	4.1	49
21	Subregion-specific dendritic spine abnormalities in the hippocampus of Fmr1 KO mice. <i>Neurobiology of Learning and Memory</i> , 2011, 95, 467-472.	1.0	48
22	A novel fragile X syndrome mutation reveals a conserved role for the carboxyâ€terminus in <scp>FMRP</scp> localization and function. <i>EMBO Molecular Medicine</i> , 2015, 7, 423-437.	3.3	41
23	A rare missense variant in RCL1 segregates with depression in extended families. <i>Molecular Psychiatry</i> , 2018, 23, 1120-1126.	4.1	34
24	The Zinc Transporter SLC39A7 (ZIP7) Is Essential for Regulation of Cytosolic Zinc Levels. <i>Molecular Pharmacology</i> , 2018, 94, 1092-1100.	1.0	27
25	Replication Kinetics, Cell Tropism, and Associated Immune Responses in SARS-CoV-2- and H5N1 Virus-Infected Human Induced Pluripotent Stem Cell-Derived Neural Models. <i>MSphere</i> , 2021, 6, e0027021.	1.3	26
26	<i>ACO2</i> homozygous missense mutation associated with complicated hereditary spastic paraplegia. <i>Neurology: Genetics</i> , 2018, 4, e223.	0.9	25
27	A functional variant in the miRâ€142 promoter modulating its expression and conferring risk of Alzheimer disease. <i>Human Mutation</i> , 2019, 40, 2131-2145.	1.1	23
28	Ultrastructural analysis of the functional domains in FMRP using primary hippocampal mouse neurons. <i>Neurobiology of Disease</i> , 2009, 35, 241-250.	2.1	22
29	An expandable embryonic stem cell-derived Purkinje neuron progenitor population that exhibits in vivo maturation in the adult mouse cerebellum. <i>Scientific Reports</i> , 2017, 7, 8863.	1.6	15
30	Genes and pathways differentially expressed in the brains of Fxr2 knockout mice. <i>Neurobiology of Disease</i> , 2008, 32, 510-520.	2.1	13
31	Conserved UBE3A subcellular distribution between human and mice is facilitated by non-homologous isoforms. <i>Human Molecular Genetics</i> , 2020, 29, 3032-3043.	1.4	11
32	Second-tier trio exome sequencing after negative solo clinical exome sequencing: an efficient strategy to increase diagnostic yield and decipher molecular bases in undiagnosed developmental disorders. <i>Human Genetics</i> , 2020, 139, 1381-1390.	1.8	8
33	Employed family-based genetic discovery combining linkage analysis and exome sequencing to identify RCL1 as a novel candidate gene for depression, with independent replication in a population-based cohort. <i>Molecular Psychiatry</i> , 2018, 23, 1093-1093.	4.1	0