Femke M S De Vrij

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7576080/publications.pdf

Version: 2024-02-01

33 papers	2,707 citations	257450 24 h-index	395702 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. Neurobiology of Disease, 2008, 31, 127-132.	4.4	296
2	Activity-based protein profiling reveals off-target proteins of the FAAH inhibitor BIA 10-2474. Science, 2017, 356, 1084-1087.	12.6	251
3	Mutant ubiquitin found in neurodegenerative disorders is a ubiquitin fusion degradation substrate that blocks proteasomal degradation. Journal of Cell Biology, 2002, 157, 417-427.	5.2	197
4	The <scp>SAC</scp>1 domain in synaptojanin is required forÂautophagosome maturation at presynapticÂterminals. EMBO Journal, 2017, 36, 1392-1411.	7.8	174
5	A simplified protocol for differentiation of electrophysiologically mature neuronal networks from human induced pluripotent stem cells. Molecular Psychiatry, 2018, 23, 1336-1344.	7.9	166
6	Protein quality control in Alzheimer's disease by the ubiquitin proteasome system. Progress in Neurobiology, 2004, 74, 249-270.	5.7	141
7	Diseaseâ€specific accumulation of mutant ubiquitin as a marker for proteasomal dysfunction in the brain. FASEB Journal, 2003, 17, 2014-2024.	0.5	140
8	Mutant ubiquitin expressed in Alzheimer's disease causes neuronal death¹. FASEB Journal, 2001, 15, 2680-2688.	0.5	121
9	The neuroinvasiveness, neurotropism, and neurovirulence of SARS-CoV-2. Trends in Neurosciences, 2022, 45, 358-368.	8.6	118
10	AFQ056, a new mGluR5 antagonist for treatment of fragile X syndrome. Neurobiology of Disease, 2011, 42, 311-317.	4.4	116
11	Hepatitis E Virus Infects Neurons and Brains. Journal of Infectious Diseases, 2017, 215, 1197-1206.	4.0	94
12	Dose-dependent inhibition of proteasome activity by a mutant ubiquitin associated with neurodegenerative disease. Journal of Cell Science, 2007, 120, 1615-1623.	2.0	85
13	Phenotypic Differences between Asian and African Lineage Zika Viruses in Human Neural Progenitor Cells. MSphere, 2017, 2, .	2.9	83
14	SOX10 Single Transcription Factor-Based Fast and Efficient Generation ofÂOligodendrocytes from Human Pluripotent Stem Cells. Stem Cell Reports, 2018, 10, 655-672.	4.8	81
15	Potential therapeutic interventions for fragile X syndrome. Trends in Molecular Medicine, 2010, 16, 516-527.	6.7	73
16	Loss of nuclear UBE3A causes electrophysiological and behavioral deficits in mice and is associated with Angelman syndrome. Nature Neuroscience, 2019, 22, 1235-1247.	14.8	65
17	Novel genetic loci affecting facial shape variation in humans. ELife, 2019, 8, .	6.0	58
18	Epigenetic Characterization of the FMR1 Promoter in Induced Pluripotent Stem Cells from Human Fibroblasts Carrying an Unmethylated Full Mutation. Stem Cell Reports, 2014, 3, 548-555.	4.8	54

#	Article	IF	Citations
19	Candidate CSPG4 mutations and induced pluripotent stem cell modeling implicate oligodendrocyte progenitor cell dysfunction in familial schizophrenia. Molecular Psychiatry, 2019, 24, 757-771.	7.9	51
20	Exome-sequencing in a large population-based study reveals a rare Asn396Ser variant in the LIPG gene associated with depressive symptoms. Molecular Psychiatry, 2017, 22, 537-543.	7.9	49
21	Subregion-specific dendritic spine abnormalities in the hippocampus of Fmr1 KO mice. Neurobiology of Learning and Memory, 2011, 95, 467-472.	1.9	48
22	A novel fragile X syndrome mutation reveals a conserved role for the carboxyâ€terminus in <scp>FMRP</scp> localization and function. EMBO Molecular Medicine, 2015, 7, 423-437.	6.9	41
23	A rare missense variant in RCL1 segregates with depression in extended families. Molecular Psychiatry, 2018, 23, 1120-1126.	7.9	34
24	The Zinc Transporter SLC39A7 (ZIP7) Is Essential for Regulation of Cytosolic Zinc Levels. Molecular Pharmacology, 2018, 94, 1092-1100.	2.3	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. MSphere, 2021, 6, e0027021.	2.9	26
26	ACO2 homozygous missense mutation associated with complicated hereditary spastic paraplegia. Neurology: Genetics, 2018, 4, e223.	1.9	25
27	A functional variant in the miRâ€142 promoter modulating its expression and conferring risk of Alzheimer disease. Human Mutation, 2019, 40, 2131-2145.	2.5	23
28	Ultrastructural analysis of the functional domains in FMRP using primary hippocampal mouse neurons. Neurobiology of Disease, 2009, 35, 241-250.	4.4	22
29	An expandable embryonic stem cell-derived Purkinje neuron progenitor population that exhibits in vivo maturation in the adult mouse cerebellum. Scientific Reports, 2017, 7, 8863.	3.3	15
30	Genes and pathways differentially expressed in the brains of Fxr2 knockout mice. Neurobiology of Disease, 2008, 32, 510-520.	4.4	13
31	Conserved UBE3A subcellular distribution between human and mice is facilitated by non-homologous isoforms. Human Molecular Genetics, 2020, 29, 3032-3043.	2.9	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. Human Genetics, 2020, 139, 1381-1390.	3.8	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. Molecular Psychiatry, 2018, 23, 1093-1093.	7.9	0