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List of Publications by Year
in descending order

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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	The neuroinvasiveness, neurotropism, and neurovirulence of SARS-CoV-2. Trends in Neurosciences, 2022, 45, 358-368.	4.2	118
2	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.	1.3	26
3	Conserved UBE3A subcellular distribution between human and mice is facilitated by non-homologous isoforms. Human Molecular Genetics, 2020, 29, 3032-3043.	1.4	11
4	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.	1.8	8
5	A functional variant in the miRâ€142 promoter modulating its expression and conferring risk of Alzheimer disease. Human Mutation, 2019, 40, 2131-2145.	1.1	23
6	Loss of nuclear UBE3A causes electrophysiological and behavioral deficits in mice and is associated with Angelman syndrome. Nature Neuroscience, 2019, 22, 1235-1247.	7.1	65
7	Candidate CSPG4 mutations and induced pluripotent stem cell modeling implicate oligodendrocyte progenitor cell dysfunction in familial schizophrenia. Molecular Psychiatry, 2019, 24, 757-771.	4.1	51
8	Novel genetic loci affecting facial shape variation in humans. ELife, 2019, 8, .	2.8	58
9	SOX10 Single Transcription Factor-Based Fast and Efficient Generation ofÂOligodendrocytes from Human Pluripotent Stem Cells. Stem Cell Reports, 2018, 10, 655-672.	2.3	81
10	ACO2 homozygous missense mutation associated with complicated hereditary spastic paraplegia. Neurology: Genetics, 2018, 4, e223.	0.9	25
11	A simplified protocol for differentiation of electrophysiologically mature neuronal networks from human induced pluripotent stem cells. Molecular Psychiatry, 2018, 23, 1336-1344.	4.1	166
12	A rare missense variant in RCL1 segregates with depression in extended families. Molecular Psychiatry, 2018, 23, 1120-1126.	4.1	34
13	The Zinc Transporter SLC39A7 (ZIP7) Is Essential for Regulation of Cytosolic Zinc Levels. Molecular Pharmacology, 2018, 94, 1092-1100.	1.0	27
14	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.	4.1	0
15	Activity-based protein profiling reveals off-target proteins of the FAAH inhibitor BIA 10-2474. Science, 2017, 356, 1084-1087.	6.0	251
16	The <scp>SAC</scp>1 domain in synaptojanin is required forÂautophagosome maturation at presynapticÂterminals. EMBO Journal, 2017, 36, 1392-1411.	3.5	174
17	Hepatitis E Virus Infects Neurons and Brains. Journal of Infectious Diseases, 2017, 215, 1197-1206.	1.9	94
18	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.	1.6	15

#	Article	IF	Citations
19	Phenotypic Differences between Asian and African Lineage Zika Viruses in Human Neural Progenitor Cells. MSphere, 2017, 2, .	1.3	83
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.	4.1	49
21	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.	3.3	41
22	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.	2.3	54
23	Subregion-specific dendritic spine abnormalities in the hippocampus of Fmr1 KO mice. Neurobiology of Learning and Memory, 2011, 95, 467-472.	1.0	48
24	AFQ056, a new mGluR5 antagonist for treatment of fragile X syndrome. Neurobiology of Disease, 2011, 42, 311-317.	2.1	116
25	Potential therapeutic interventions for fragile X syndrome. Trends in Molecular Medicine, 2010, 16, 516-527.	3.5	73
26	Ultrastructural analysis of the functional domains in FMRP using primary hippocampal mouse neurons. Neurobiology of Disease, 2009, 35, 241-250.	2.1	22
27	Rescue of behavioral phenotype and neuronal protrusion morphology in Fmr1 KO mice. Neurobiology of Disease, 2008, 31, 127-132.	2.1	296
28	Genes and pathways differentially expressed in the brains of Fxr2 knockout mice. Neurobiology of Disease, 2008, 32, 510-520.	2.1	13
29	Dose-dependent inhibition of proteasome activity by a mutant ubiquitin associated with neurodegenerative disease. Journal of Cell Science, 2007, 120, 1615-1623.	1.2	85
30	Protein quality control in Alzheimer's disease by the ubiquitin proteasome system. Progress in Neurobiology, 2004, 74, 249-270.	2.8	141
31	Diseaseâ€specific accumulation of mutant ubiquitin as a marker for proteasomal dysfunction in the brain. FASEB Journal, 2003, 17, 2014-2024.	0.2	140
32	Mutant ubiquitin found in neurodegenerative disorders is a ubiquitin fusion degradation substrate that blocks proteasomal degradation. Journal of Cell Biology, 2002, 157, 417-427.	2.3	197
33	Mutant ubiquitin expressed in Alzheimer's disease causes neuronal death1. FASEB Journal, 2001, 15, 2680-2688.	0.2	121