Vivek Swarup

List of Publications by Year
in descending order

45 papers	5,963 citations	159525 30 h-index	254106 43 g-index
56 all docs	56 docs citations	56 times ranked	10070 citing authors

#	Article	IF	Citations
1	Investigating the Role of NR4A2 in Medial Habenula-Dependent Relapse of Drug-Seeking Behavior. Biological Psychiatry, 2022, 91, S14.	0.7	0
2	Absence of microglia promotes diverse pathologies and early lethality in Alzheimerâ€™s disease mice. Cell Reports, 2022, 39, 110961.	2.9	48
3	Protocol for single-nucleus ATAC sequencing and bioinformatic analysis in frozen human brain tissue. STAR Protocols, 2022, 3, 101491.	0.5	3
4	Atypical Neurogenesis in Induced Pluripotent Stem Cells From Autistic Individuals. Biological Psychiatry, 2021, 89, 486-496.	0.7	40
5	Pharmacokinetic, behavioral, and brain activity effects of Î”9-tetrahydrocannabinol in adolescent male and female rats. Neuropsychopharmacology, 2021, 46, 959-969.	2.8	51
6	Rogue gene networks gone awry in Alzheimer's disease. Neural Regeneration Research, 2021, 16, 2415.	1.6	1
7	Generation of a humanized Aî² expressing mouse demonstrating aspects of Alzheimerâ€™s disease-like pathology. Nature Communications, 2021, 12, 2421.	5.8	53
8	Cocaine induces paradigm-specific changes to the transcriptome within the ventral tegmental area. Neuropsychopharmacology, 2021, 46, 1768-1779.	2.8	14
9	Single-nucleus chromatin accessibility and transcriptomic characterization of Alzheimerâ€™s disease. Nature Genetics, 2021, 53, 1143-1155.	9.4	264
10	Microglial dyshomeostasis drives perineuronal net and synaptic loss in a CSF1R ^{+/âˆ’} mouse model of ALSP, which can be rescued via CSF1R inhibitors. Science Advances, 2021, 7, .	4.7	28
11	Unexpected Role of Physiological Estrogen in Acute Stress-Induced Memory Deficits. Journal of Neuroscience, 2021, 41, 648-662.	1.7	26
12	Systems biology approaches to unravel the molecular and genetic architecture of Alzheimer's disease and related tauopathies. Neurobiology of Disease, 2021, 160, 105530.	2.1	3
13	Singleâ€cell multiâ€omics analysis identifies dynamic regulation of SREBF1 in Alzheimerâ€™s disease. Alzheimer's and Dementia, 2021, 17, e049956.	0.4	1
14	Microglia-organized scar-free spinal cord repair in neonatal mice. Nature, 2020, 587, 613-618.	13.7	197
15	Meta-Analysis of the Alzheimerâ€™s Disease Human Brain Transcriptome and Functional Dissection in Mouse Models. Cell Reports, 2020, 32, 107908.	2.9	199
16	Tau Pathology Drives Dementia Risk-Associated Gene Networks toward Chronic Inflammatory States and Immunosuppression. Cell Reports, 2020, 33, 108398.	2.9	57
17	Integrative genomics approach identifies conserved transcriptomic networks in Alzheimerâ€™s disease. Human Molecular Genetics, 2020, 29, 2899-2919.	1.4	50
18	Singleâ€nuclei chromatin accessibility and transcriptomics unravels altered human oligodendrocyte heterogeneity in Alzheimerâ€™s disease. Alzheimer's and Dementia, 2020, 16, e036843.	0.4	0

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19	Identification of Conserved Proteomic Networks in Neurodegenerative Dementia. Cell Reports, 2020, 31, 107807.	2.9	49
20	Selenium Drives a Transcriptional Adaptive Program to Block Ferroptosis and Treat Stroke. Cell, 2019, 177, 1262-1279.e25.	13.5	576
21	Integrative network analysis reveals biological pathways associated with Williams syndrome. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2019, 60, 585-598.	3.1	24
22	Identification of evolutionarily conserved gene networks mediating neurodegenerative dementia. Nature Medicine, 2019, 25, 152-164.	15.2	111
23	From the Cover: 2.45-GHz Microwave Radiation Impairs Hippocampal Learning and Spatial Memory: Involvement of Local Stress Mechanism-Induced Suppression of iGluR/ERK/CREB Signaling. Toxicological Sciences, 2018, 161, 349-374.	1.4	36
24	Conserved brain myelination networks are altered in Alzheimer's and other neurodegenerative diseases. Alzheimer's and Dementia, 2018, 14, 352-366.	0.4	116
25	Revealing the brain's molecular architecture. Science, 2018, 362, 1262-1263.	6.0	45
26	Transcriptome-wide isoform-level dysregulation in ASD, schizophrenia, and bipolar disorder. Science, 2018, 362, .	6.0	805
27	Transcriptional Signatures in Liver Reveal Metabolic Adaptations to Seasons in Migratory Blackheaded Buntings. Frontiers in Physiology, 2018, 9, 1568.	1.3	15
28	Autism-like phenotype and risk gene mRNA deadenylation by CPEB4 mis-splicing. Nature, 2018, 560, 441-446.	13.7	113
29	A Multi-network Approach Identifies Protein-Specific Co-expression in Asymptomatic and Symptomatic Alzheimerâ€™s Disease. Cell Systems, 2017, 4, 60-72.e4.	2.9	381
30	Inducible and reversible phenotypes in a novel mouse model of Friedreichâ€™s Ataxia. ELife, 2017, 6, .	2.8	64
31	Genome-wide changes in lncRNA, splicing, and regional gene expression patterns in autism. Nature, 2016, 540, 423-427.	13.7	603
32	The Emerging Picture of Autism Spectrum Disorder: Genetics and Pathology. Annual Review of Pathology: Mechanisms of Disease, 2015, 10, 111-144.	9.6	225
33	The PsychENCODE project. Nature Neuroscience, 2015, 18, 1707-1712.	7.1	371
34	From big data to mechanism. Nature, 2013, 500, 34-35.	13.7	21
35	Abnormal Regenerative Responses and Impaired Axonal Outgrowth after Nerve Crush in TDP-43 Transgenic Mouse Models of Amyotrophic Lateral Sclerosis. Journal of Neuroscience, 2012, 32, 18186-18195.	1.7	22
36	Galectin-3 Is Required for Resident Microglia Activation and Proliferation in Response to Ischemic Injury. Journal of Neuroscience, 2012, 32, 10383-10395.	1.7	222

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37	ALS pathogenesis: Recent insights from genetics and mouse models. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2011, 35, 363-369.	2.5	47
38	Pathological hallmarks of amyotrophic lateral sclerosis/frontotemporal lobar degeneration in transgenic mice produced with TDP-43 genomic fragments. Brain, 2011, 134, 2610-2626.	3.7	218
39	Deregulation of TDP-43 in amyotrophic lateral sclerosis triggers nuclear factor ÎºBâ€"mediated pathogenic pathways. Journal of Experimental Medicine, 2011, 208, 2429-2447.	4.2	287
40	Therapeutic effect of a novel anilidoquinoline derivative, 2-(2-methyl-quinoline-4ylamino)-N-(2-chlorophenyl)-acetamide, in Japanese encephalitis: correlation with in vitro neuroprotection. International Journal of Antimicrobial Agents, 2008, 32, 349-354.	1.1	33
41	Tumor necrosis factor receptor-associated death domain mediated neuronal death contributes to the glial activation and subsequent neuroinflammation in Japanese encephalitis. Neurochemistry International, 2008, 52, 1310-1321.	1.9	49
42	Novel strategy for treatment of Japanese encephalitis using arctigenin, a plant lignan. Journal of Antimicrobial Chemotherapy, 2008, 61, 679-688.	1.3	99
43	Japanese encephalitis virus infection decrease endogenous IL-10 production: Correlation with microglial activation and neuronal death. Neuroscience Letters, 2007, 420, 144-149.	1.0	56
44	Antiviral and Anti-Inflammatory Effects of Rosmarinic Acid in an Experimental Murine Model of Japanese Encephalitis. Antimicrobial Agents and Chemotherapy, 2007, 51, 3367-3370.	1.4	203
45	Tumor necrosis factor receptorâ€1â€induced neuronal death by TRADD contributes to the pathogenesis of Japanese encephalitis. Journal of Neurochemistry, 2007, 103, 771-783.	2.1	65