

Krishna C Vadodaria

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

3,126
citations

331538

21
h-index

454834

30
g-index

32
all docs

32
docs citations

32
times ranked

5525
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional Amyloids As Natural Storage of Peptide Hormones in Pituitary Secretory Granules. <i>Science</i> , 2009, 325, 328-332.	6.0	903
2	Altered proliferation and networks in neural cells derived from idiopathic autistic individuals. <i>Molecular Psychiatry</i> , 2017, 22, 820-835.	4.1	349
3	Histone serotonylation is a permissive modification that enhances TFIIID binding to H3K4me3. <i>Nature</i> , 2019, 567, 535-539.	13.7	292
4	Prospero-related homeobox 1 gene (Prox1) is regulated by canonical Wnt signaling and has a stage-specific role in adult hippocampal neurogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5807-5812.	3.3	170
5	Stressor-Specific Regulation of Distinct Brain-Derived Neurotrophic Factor Transcripts and Cyclic AMP Response Element-Binding Protein Expression in the Postnatal and Adult Rat Hippocampus. <i>Neuropsychopharmacology</i> , 2007, 32, 1504-1519.	2.8	167
6	Differentiation of Inflammation-Responsive Astrocytes from Glial Progenitors Generated from Human Induced Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2017, 8, 1757-1769.	2.3	120
7	Generation of functional human serotonergic neurons from fibroblasts. <i>Molecular Psychiatry</i> , 2016, 21, 49-61.	4.1	115
8	Mitochondria, Metabolism, and Redox Mechanisms in Psychiatric Disorders. <i>Antioxidants and Redox Signaling</i> , 2019, 31, 275-317.	2.5	112
9	Modeling psychiatric disorders using patient stem cell-derived neurons: a way forward. <i>Genome Medicine</i> , 2018, 10, 1.	3.6	107
10	β -Adrenoceptor Blockade Accelerates the Neurogenic, Neurotrophic, and Behavioral Effects of Chronic Antidepressant Treatment. <i>Journal of Neuroscience</i> , 2010, 30, 1096-1109.	1.7	94
11	Species-specific maturation profiles of human, chimpanzee and bonobo neural cells. <i>ELife</i> , 2019, 8, .	2.8	94
12	Stage-Specific Functions of the Small Rho GTPases Cdc42 and Rac1 for Adult Hippocampal Neurogenesis. <i>Journal of Neuroscience</i> , 2013, 33, 1179-1189.	1.7	74
13	Altered serotonergic circuitry in SSRI-resistant major depressive disorder patient-derived neurons. <i>Molecular Psychiatry</i> , 2019, 24, 808-818.	4.1	66
14	Serotonin-induced hyperactivity in SSRI-resistant major depressive disorder patient-derived neurons. <i>Molecular Psychiatry</i> , 2019, 24, 795-807.	4.1	64
15	Postnatal Serotonin Type 2 Receptor Blockade Prevents the Emergence of Anxiety Behavior, Dysregulated Stress-Induced Immediate Early Gene Responses, and Specific Transcriptional Changes that Arise Following Early Life Stress. <i>Biological Psychiatry</i> , 2011, 70, 1024-1032.	0.7	50
16	Prediction of response to drug therapy in psychiatric disorders. <i>Open Biology</i> , 2018, 8, 180031.	1.5	50
17	SnapShot: Adult Hippocampal Neurogenesis. <i>Cell</i> , 2014, 156, 1114-1114.e1.	13.5	45
18	Serotonin in psychiatry: in vitro disease modeling using patient-derived neurons. <i>Cell and Tissue Research</i> , 2018, 371, 161-170.	1.5	36

#	ARTICLE	IF	CITATIONS
19	Neurotransmitter Regulation of Adult Neurogenesis: Putative Therapeutic Targets. <i>CNS and Neurological Disorders - Drug Targets</i> , 2007, 6, 358-374.	0.8	35
20	Modeling Brain Disorders Using Induced Pluripotent Stem Cells. <i>Cold Spring Harbor Perspectives in Biology</i> , 2020, 12, a035659.	2.3	28
21	Increasing the resolution of the adult neurogenesis picture. <i>F1000prime Reports</i> , 2014, 6, 8.	5.9	23
22	Functional neurogenesis in the adult hippocampus: then and now. <i>Frontiers in Neuroscience</i> , 2014, 8, 55.	1.4	22
23	Generating human serotonergic neurons in vitro: Methodological advances. <i>BioEssays</i> , 2016, 38, 1123-1129.	1.2	20
24	Altered Neuronal Support and Inflammatory Response in Bipolar Disorder Patient-Derived Astrocytes. <i>Stem Cell Reports</i> , 2021, 16, 825-835.	2.3	20
25	Maturation and integration of adult born hippocampal neurons: signal convergence onto small Rho GTPases. <i>Frontiers in Synaptic Neuroscience</i> , 2013, 5, 4.	1.3	19
26	Sensing serotonin secreted from human serotonergic neurons using aptamer-modified nanopipettes. <i>Molecular Psychiatry</i> , 2021, 26, 2753-2763.	4.1	19
27	Noradrenergic regulation of plasticity marker expression in the adult rodent piriform cortex. <i>Neuroscience Letters</i> , 2017, 644, 76-82.	1.0	18
28	Chronic cortisol differentially impacts stem cell-derived astrocytes from major depressive disorder patients. <i>Translational Psychiatry</i> , 2021, 11, 608.	2.4	11
29	Studying treatment resistance in depression using patient derived neurons in vitro. <i>Molecular Psychiatry</i> , 2019, 24, 775-775.	4.1	2
30	The different moods of human serotonergic neurons. <i>Molecular Psychiatry</i> , 2016, 21, 3-3.	4.1	1
31	Human serotonergic neurons, selective serotonin reuptake inhibitor (SSRI) resistance and major depressive disorder. , 2021, , 323-330.		0