Vidita A Vaidya

List of Publications by Year
in descending order

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76 papers	3,979 citations	126907 33 h-index	123424 61 g-index
83 all docs	83 docs citations	83 times ranked	4661 citing authors

#	Article	IF	Citations
1	Chronic hM4Di-DREADD-Mediated Chemogenetic Inhibition of Forebrain Excitatory Neurons in Postnatal or Juvenile Life Does Not Alter Adult Mood-Related Behavior. ENeuro, 2022, 9, ENEURO.0381-21.2021.	1.9	4
2	Early Adversity and Accelerated Brain Aging: A Mini-Review. Frontiers in Molecular Neuroscience, 2022, 15, 822917.	2.9	8
3	â€œDiversity matters seriesâ€â€”The Black In Neuro movement. European Journal of Neuroscience, 2022, 55, 343-349.	2.6	0
4	Thyroid hormone regulation of adult hippocampal neurogenesis: Putative molecular and cellular mechanisms. Vitamins and Hormones, 2022, 118, 1-33.	1.7	2
5	Serotonin minting new mitochondria in cortical neurons: implications for psychopathology. Neuropsychopharmacology, 2021, 46, 259-260.	5.4	7
6	Postnatal Fluoxetine Treatment Alters Perineuronal Net Formation and Maintenance in the Hippocampus. ENeuro, 2021, 8, ENEURO.0424-20.2021.	1.9	15
7	GPCR signaling: role in mediating the effects of early adversity in psychiatric disorders. FEBS Journal, 2021, 288, 2602-2621.	4.7	14
8	Altered Membrane Mechanics Provides a Receptorâ€Independent Pathway for Serotonin Action. Chemistry - A European Journal, 2021, 27, 7533-7541.	3.3	20
9	â€œThe Trailblazers of Neuroscience.â€• European Journal of Neuroscience, 2021, 53, 2419-2420.	2.6	0
10	â€œDiversity matters seriesâ€â€”The ALBA network. European Journal of Neuroscience, 2021, 54, 4055-4060.	2.6	2
11	The Neurocircuitry of Posttraumatic Stress Disorder and Major Depression: Insights Into Overlapping and Distinct Circuit Dysfunctionâ€”A Tribute to Ron Duman. Biological Psychiatry, 2021, 90, 109-117.	1.3	20
12	The Hallucinogenic Serotonin2A Receptor Agonist, 2,5-Dimethoxy-4-Iodoamphetamine, Promotes cAMP Response Element Binding Protein-Dependent Gene Expression of Specific Plasticity-Associated Genes in the Rodent Neocortex. Frontiers in Molecular Neuroscience, 2021, 14, 790213.	2.9	20
13	Early-life stress impairs postnatal oligodendrogenesis and adult emotional behaviour through activity-dependent mechanisms. Molecular Psychiatry, 2020, 25, 1159-1174.	7.9	104
14	A history of juvenile mild malaria exacerbates chronic stress-evoked anxiety-like behavior, neuroinflammation, and decline of adult hippocampal neurogenesis in mice. Journal of Neuroimmunology, 2020, 348, 577363.	2.3	5
15	Differential signaling signatures evoked by DOI versus lisuride stimulation of the 5-HT2A receptor. Biochemical and Biophysical Research Communications, 2020, 531, 609-614.	2.1	17
16	Chronic postnatal chemogenetic activation of forebrain excitatory neurons evokes persistent changes in mood behavior. ELife, 2020, 9, .	6.0	12
17	The Ministry of Fear: â€˜The Conjuringâ€™ of Fright in the Amygdala by the Raphe. Neuron, 2019, 103, 356-358.	8.1	0
18	Serotonin regulates mitochondrial biogenesis and function in rodent cortical neurons via the 5-HT _{2A} receptor and SIRT1â€“PGC-1Î± axis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11028-11037.	7.1	109

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19	5-HT2A receptor loss does not alter acute fluoxetine-induced anxiety and exhibit sex-dependent regulation of cortical immediate early gene expression. Neuronal Signaling, 2019, 3, NS20180205.	3.2	2
20	The Neurotrophic Hypothesis of Depression Revisited: New Insights and Therapeutic Implications. , 2019, , 43-62.		11
21	Acute Chemogenetic Activation of CamKIIÎ±-Positive Forebrain Excitatory Neurons Regulates Anxiety-Like Behaviour in Mice. Frontiers in Behavioral Neuroscience, 2019, 13, 249.	2.0	10
22	Chemogenetic Activation of Excitatory Neurons Alters Hippocampal Neurotransmission in a Dose-Dependent Manner. ENeuro, 2019, 6, ENEURO.0124-19.2019.	1.9	17
23	Thyroid Hormone Regulation of Adult Neurogenesis. Vitamins and Hormones, 2018, 106, 211-251.	1.7	27
24	Acute pharmacogenetic activation of medial prefrontal cortex excitatory neurons regulates anxiety-like behaviour. Journal of Biosciences, 2018, 43, 85-95.	1.1	37
25	Acute stress evokes sexually dimorphic, stressor-specific patterns of neural activation across multiple limbic brain regions in adult rats. Stress, 2018, 21, 136-150.	1.8	23
26	Early emergence of altered 5â€HT_{2A} receptorâ€evoked behavior, neural activation and gene expression following maternal separation. International Journal of Developmental Neuroscience, 2018, 65, 21-28.	1.6	20
27	Acute pharmacogenetic activation of medial prefrontal cortex excitatory neurons regulates anxiety-like behaviour. Journal of Biosciences, 2018, 43, 85-95.	1.1	13
28	Noradrenergic regulation of plasticity marker expression in the adult rodent piriform cortex. Neuroscience Letters, 2017, 644, 76-82.	2.1	18
29	5-HT 2A receptor deficiency alters the metabolic and transcriptional, but not the behavioral, consequences of chronic unpredictable stress. Neurobiology of Stress, 2017, 7, 89-102.	4.0	16
30	Early stress evokes dysregulation of histone modifiers in the medial prefrontal cortex across the life span. Developmental Psychobiology, 2016, 58, 198-210.	1.6	26
31	Acute and Chronic Electroconvulsive Seizures (ECS) Differentially Regulate the Expression of Epigenetic Machinery in the Adult Rat Hippocampus. International Journal of Neuropsychopharmacology, 2016, 19, pyw040.	2.1	10
32	The adaptive and maladaptive continuum of stress responses â€“ a hippocampal perspective. Reviews in the Neurosciences, 2015, 26, 415-42.	2.9	39
33	Hippocampal transcriptional and neurogenic changes evoked by combination yohimbine and imipramine treatment. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2015, 61, 1-9.	4.8	5
34	Perspectives on thyroid hormone action in adult neurogenesis. Journal of Neurochemistry, 2015, 133, 599-616.	3.9	58
35	Opposing Effects of Î±2- and Î²-Adrenergic Receptor Stimulation on Quiescent Neural Precursor Cell Activity and Adult Hippocampal Neurogenesis. PLoS ONE, 2014, 9, e98736.	2.5	37
36	Early stress evokes temporally distinct consequences on the hippocampal transcriptome, anxiety and cognitive behaviour. International Journal of Neuropsychopharmacology, 2014, 17, 289-301.	2.1	49

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37	Hippocampal HDAC4 Contributes to Postnatal Fluoxetine-Evoked Depression-Like Behavior. Neuropsychopharmacology, 2014, 39, 2221-2232.	5.4	65
38	Single episode of mild murine malaria induces neuroinflammation, alters microglial profile, impairs adult neurogenesis, and causes deficits in social and anxiety-like behavior. Brain, Behavior, and Immunity, 2014, 42, 123-137.	4.1	32
39	Early Stress Prevents the Potentiation of Muscarinic Excitation by Calcium Release in Adult Prefrontal Cortex. Biological Psychiatry, 2014, 76, 315-323.	1.3	36
40	Postnatal Fluoxetine-Evoked Anxiety Is Prevented by Concomitant 5-HT2A/C Receptor Blockade and Mimicked by Postnatal 5-HT2A/C Receptor Stimulation. Biological Psychiatry, 2014, 76, 858-868.	1.3	48
41	Early Stress Evokes Age-Dependent Biphasic Changes in Hippocampal Neurogenesis, Bdnf Expression, and Cognition. Biological Psychiatry, 2013, 73, 658-666.	1.3	180
42	Induction of the plasticity-associated immediate early gene Arc by stress and hallucinogens: role of brain-derived neurotrophic factor. International Journal of Neuropsychopharmacology, 2013, 16, 405-415.	2.1	38
43	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. Biological Psychiatry, 2011, 70, 1024-1032.	1.3	50
44	Loss of thyroid hormone receptor beta is associated with increased progenitor proliferation and NeuroD positive cell number in the adult hippocampus. Neuroscience Letters, 2011, 487, 199-203.	2.1	41
45	Thyroid Hormone Regulates the Expression of the Sonic Hedgehog Signaling Pathway in the Embryonic and Adult Mammalian Brain. Endocrinology, 2011, 152, 1989-2000.	2.8	68
46	Unliganded thyroid hormone receptor Î±1 impairs adult hippocampal neurogenesis. FASEB Journal, 2010, 24, 4793-4805.	0.5	49
47	Norepinephrine Directly Activates Adult Hippocampal Precursors via Î²₃-Adrenergic Receptors. Journal of Neuroscience, 2010, 30, 2795-2806.	3.6	153
48	Î±₂-Adrenoceptor Blockade Accelerates the Neurogenic, Neurotrophic, and Behavioral Effects of Chronic Antidepressant Treatment. Journal of Neuroscience, 2010, 30, 1096-1109.	3.6	94
49	Enhanced Function of Prefrontal Serotonin 5-HT₂Receptors in a Rat Model of Psychiatric Vulnerability. Journal of Neuroscience, 2010, 30, 12138-12150.	3.6	78
50	Unliganded thyroid hormone receptor Î±l impairs adult hippocampal neurogenesis. FASEB Journal, 2010, 24, 4793-4805.	0.5	14
51	Layer II/III of the Prefrontal Cortex: Inhibition by the Serotonin 5-HT_{1A}Receptor in Development and Stress. Journal of Neuroscience, 2009, 29, 10094-10103.	3.6	72
52	Monoaminergic regulation of Sonic hedgehog signaling cascade expression in the adult rat hippocampus. Neuroscience Letters, 2009, 453, 190-194.	2.1	22
53	Antidepressant treatments regulate matrix metalloproteinasesâ€2 and â€9 (MMPâ€2/MMPâ€9) and tissue inhibitors of the metalloproteinases (TIMPS 1â€“4) in the adult rat hippocampus. Synapse, 2008, 62, 590-600.	1.2	24
54	5-HT2A/2C receptor blockade regulates progenitor cell proliferation in the adult rat hippocampus. Neuroscience Letters, 2008, 441, 210-214.	2.1	43

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55	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. Neuropsychopharmacology, 2007, 32, 1504-1519.	5.4	167
56	Regulation of adult hippocampal neurogenesis: relevance to depression. Expert Review of Neurotherapeutics, 2007, 7, 853-864.	2.8	37
57	Cyclic AMP response element binding protein and brain-derived neurotrophic factor: Molecules that modulate our mood?. Journal of Biosciences, 2006, 31, 423-434.	1.1	120
58	Selective serotonin depletion does not regulate hippocampal neurogenesis in the adult rat brain: Differential effects of p-chlorophenylalanine and 5,7-dihydroxytryptamine. Brain Research, 2006, 1075, 48-59.	2.2	49
59	Recruitment of the Sonic hedgehog signalling cascade in electroconvulsive seizure-mediated regulation of adult rat hippocampal neurogenesis. European Journal of Neuroscience, 2005, 22, 1570-1580.	2.6	66
60	Thyroid hormone regulates hippocampal neurogenesis in the adult rat brain. Molecular and Cellular Neurosciences, 2005, 29, 414-426.	2.2	197
61	Differential regulation of multiple brain-derived neurotrophic factor transcripts in the postnatal and adult rat hippocampus during development, and in response to kainate administration. Molecular Brain Research, 2004, 130, 170-177.	2.3	38
62	Differential regulation of Brain Derived Neurotrophic Factor transcripts by antidepressant treatments in the adult rat brain. Neuropharmacology, 2003, 45, 553-563.	4.1	260
63	Spontaneous or induced regression of cancer a novel research strategy for ayurvidya. Ancient Science of Life: Journal of International Institute of Ayurveda, 2003, 22, 75-83.	0.3	2
64	Depletion of norepinephrine decreases the proliferation, but does not influence the survival and differentiation, of granule cell progenitors in the adult rat hippocampus. European Journal of Neuroscience, 2002, 16, 2008-2012.	2.6	159
65	Influence of thyroid hormone on 5-HT1A and 5-HT2A receptor-mediated regulation of hippocampal BDNF mRNA expression. Neuropharmacology, 2001, 40, 48-56.	4.1	33
66	Depression â€“ emerging insights from neurobiology. British Medical Bulletin, 2001, 57, 61-79.	6.9	181
67	Alterations in heavy and light neurofilament proteins in hippocampus following chronic ECS administration. , 2000, 35, 137-143.		20
68	Clipboard. Journal of Biosciences, 2000, 25, 121-124.	1.1	2
69	Stress, depression and hippocampal damage. Journal of Biosciences, 2000, 25, 123-4.	1.1	4
70	Role of 5-HT2A receptors in the stress-induced down-regulation of brain-derived neurotrophic factor expression in rat hippocampus. Neuroscience Letters, 1999, 262, 1-4.	2.1	133
71	Essential Role of thefosB Gene in Molecular, Cellular, and Behavioral Actions of Chronic Electroconvulsive Seizures. Journal of Neuroscience, 1998, 18, 6952-6962.	3.6	115
72	Protein Kinase C-Mediated Down-Regulation of Î²1-Adrenergic Receptor Gene Expression in Rat C6 Glioma Cells. Molecular Pharmacology, 1998, 54, 14-21.	2.3	18

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73	5-HT_{2A}Receptor-Mediated Regulation of Brain-Derived Neurotrophic Factor mRNA in the Hippocampus and the Neocortex. Journal of Neuroscience, 1997, 17, 2785-2795.	3.6	423
74	A Role for CREB in Antidepressant Action. , 1997, , 173-194.		6
75	Electroconvulsive Seizure Increases the Expression of CREM (Cyclic AMP Response Element) Tj ETQq1 1 0.784314 rgBT /Overlock 10 1 f 1996, 66, 429-432.	3.9	38
76	Review : Stress, Antidepressant Treatments, and Neurotrophic Factors: Molecular and Cellular Mechanisms. Neuroscientist, 1995, 1, 351-360.	3.5	23