Vincent Vialou

List of Publications by Year
in descending order

64	8,703	57758 44	98798 67
papers	citations	h-index	g-index

68	68	68	9341
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Impaired adult myelination in the prefrontal cortex of socially isolated mice. Nature Neuroscience, 2012, 15, 1621-1623.	14.8	578
2	Dnmt3a regulates emotional behavior and spine plasticity in the nucleus accumbens. Nature Neuroscience, 2010, 13, 1137-1143.	14.8	553
3	Antidepressant Effect of Optogenetic Stimulation of the Medial Prefrontal Cortex. Journal of Neuroscience, 2010, 30, 16082-16090.	3.6	542
4	Antidepressant Actions of Histone Deacetylase Inhibitors. Journal of Neuroscience, 2009, 29, 11451-11460.	3.6	535
5	Î”FosB in brain reward circuits mediates resilience to stress and antidepressant responses. Nature Neuroscience, 2010, 13, 745-752.	14.8	429
6	Enhancing Depression Mechanisms in Midbrain Dopamine Neurons Achieves Homeostatic Resilience. Science, 2014, 344, 313-319.	12.6	409
7	Genome-wide Analysis of Chromatin Regulation by Cocaine Reveals a Role for Sirtuins. Neuron, 2009, 62, 335-348.	8.1	371
8	CREB regulation of nucleus accumbens excitability mediates social isolationâ€“induced behavioral deficits. Nature Neuroscience, 2009, 12, 200-209.	14.8	317
9	Paternal Transmission of Stress-Induced Pathologies. Biological Psychiatry, 2011, 70, 408-414.	1.3	294
10	Prefrontal Cortical Circuit for Depression- and Anxiety-Related Behaviors Mediated by Cholecystokinin: Role of Î”FosB. Journal of Neuroscience, 2014, 34, 3878-3887.	3.6	256
11	Î²-catenin mediates stress resilience through Dicer1/microRNA regulation. Nature, 2014, 516, 51-55.	27.8	243
12	Epigenetic Mechanisms of Depression and Antidepressant Action. Annual Review of Pharmacology and Toxicology, 2013, 53, 59-87.	9.4	232
13	Î”FosB Induction in Striatal Medium Spiny Neuron Subtypes in Response to Chronic Pharmacological, Emotional, and Optogenetic Stimuli. Journal of Neuroscience, 2013, 33, 18381-18395.	3.6	211
14	Differential pharmacological in vitro properties of organic cation transporters and regional distribution in rat brain. Neuropharmacology, 2006, 50, 941-952.	4.1	191
15	Neurobiological Sequelae of Witnessing Stressful Events in Adult Mice. Biological Psychiatry, 2013, 73, 7-14.	1.3	181
16	Behavioral and Structural Responses to Chronic Cocaine Require a Feedforward Loop Involving Î”FosB and Calcium/Calmodulin-Dependent Protein Kinase II in the Nucleus Accumbens Shell. Journal of Neuroscience, 2013, 33, 4295-4307.	3.6	175
17	Role of Tet1 and 5-hydroxymethylcytosine in cocaine action. Nature Neuroscience, 2015, 18, 536-544.	14.8	160
18	AKT Signaling within the Ventral Tegmental Area Regulates Cellular and Behavioral Responses to Stressful Stimuli. Biological Psychiatry, 2008, 64, 691-700.	1.3	156

#	ARTICLE	IF	CITATIONS
19	Environmental Enrichment Produces a Behavioral Phenotype Mediated by Low Cyclic Adenosine Monophosphate Response Element Binding (CREB) Activity in the Nucleus Accumbens. Biological Psychiatry, 2010, 67, 28-35.	1.3	152
20	Chronic cocaine-regulated epigenomic changes in mouse nucleus accumbens. Genome Biology, 2014, 15, R65.	9.6	151
21	Hippocampal-dependent antidepressant-like activity of histone deacetylase inhibition. Neuroscience Letters, 2011, 493, 122-126.	2.1	148
22	MicroRNAs 146a/b-5 and 425-3p and 24-3p are markers of antidepressant response and regulate MAPK/Wnt-system genes. Nature Communications, 2017, 8, 15497.	12.8	144
23	The Influence of Î”FosB in the Nucleus Accumbens on Natural Reward-Related Behavior. Journal of Neuroscience, 2008, 28, 10272-10277.	3.6	141
24	Organic cation transporter 2 controls brain norepinephrine and serotonin clearance and antidepressant response. Molecular Psychiatry, 2012, 17, 926-939.	7.9	125
25	Ketamine and Imipramine Reverse Transcriptional Signatures of Susceptibility and Induce Resilience-Specific Gene Expression Profiles. Biological Psychiatry, 2017, 81, 285-295.	1.3	118
26	Role of Nuclear Factor Î¹B in Ovarian Hormone-Mediated Stress Hypersensitivity in Female Mice. Biological Psychiatry, 2009, 65, 874-880.	1.3	115
27	Natural and Drug Rewards Act on Common Neural Plasticity Mechanisms with Î”FosB as a Key Mediator. Journal of Neuroscience, 2013, 33, 3434-3442.	3.6	100
28	Altered aminergic neurotransmission in the brain of organic cation transporter 3â€deficient mice. Journal of Neurochemistry, 2008, 106, 1471-1482.	3.9	99
29	Organic Cation Transporter 3 (Slc22a3) Is Implicated in Salt-Intake Regulation. Journal of Neuroscience, 2004, 24, 2846-2851.	3.6	97
30	From synapse to nucleus: Novel targets for treating depression. Neuropharmacology, 2010, 58, 683-693.	4.1	94
31	Epigenetic basis of opiate suppression of Bdnf gene expression in the ventral tegmental area. Nature Neuroscience, 2015, 18, 415-422.	14.8	91
32	Fluoxetine Epigenetically Alters the CaMKIIÎ± Promoter in Nucleus Accumbens to Regulate Î”FosB Binding and Antidepressant Effects. Neuropsychopharmacology, 2014, 39, 1178-1186.	5.4	90
33	Extracellular Signal-Regulated Kinase-2 within the Ventral Tegmental Area Regulates Responses to Stress. Journal of Neuroscience, 2010, 30, 7652-7663.	3.6	87
34	Serum Response Factor Promotes Resilience to Chronic Social Stress through the Induction of Î”FosB. Journal of Neuroscience, 2010, 30, 14585-14592.	3.6	81
35	Î”FosB in the nucleus accumbens is critical for reinforcing effects of sexual reward. Genes, Brain and Behavior, 2010, 9, 831-840.	2.2	76
36	Serum Response Factor and cAMP Response Element Binding Protein Are Both Required for Cocaine Induction of Î”FosB. Journal of Neuroscience, 2012, 32, 7577-7584.	3.6	75

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37	Regulator of G protein signaling 4 is a crucial modulator of antidepressant drug action in depression and neuropathic pain models. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 8254-8259.	7.1	73
38	Antidepressant action of HDAC inhibition in the prefrontal cortex. Neuroscience, 2015, 298, 329-335.	2.3	65
39	Differential induction of FosB isoforms throughout the brain by fluoxetine and chronic stress. Neuropharmacology, 2015, 99, 28-37.	4.1	64
40	Phosphorylation of Î”FosB mediates its stability in vivo. Neuroscience, 2009, 158, 369-372.	2.3	54
41	Essential role of the cAMP-cAMP response-element binding protein pathway in opiate-induced homeostatic adaptations of locus coeruleus neurons. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 17011-17016.	7.1	51
42	Tet1 in Nucleus Accumbens Opposes Depression- and Anxiety-Like Behaviors. Neuropsychopharmacology, 2017, 42, 1657-1669.	5.4	50
43	A Role for Mitogen- and Stress-Activated Kinase 1 in L-DOPA â€“Induced Dyskinesia and âˆ†FosB Expression. Biological Psychiatry, 2016, 79, 362-371.	1.3	48
44	Neurochemical characterization of pathways expressing plasma membrane monoamine transporter in the rat brain. Neuroscience, 2007, 144, 616-622.	2.3	47
45	Fluoxetine Exposure during Adolescence Alters Responses to Aversive Stimuli in Adulthood. Journal of Neuroscience, 2014, 34, 1007-1021.	3.6	45
46	Effects of Social Defeat Stress on Sleep in Mice. Frontiers in Behavioral Neuroscience, 2017, 11, 227.	2.0	45
47	Drug Experience Epigenetically Primes Fosb Gene Inducibility in Rat Nucleus Accumbens. Journal of Neuroscience, 2012, 32, 10267-10272.	3.6	41
48	Antidepressive effects of targeting ELK-1 signal transduction. Nature Medicine, 2018, 24, 591-597.	30.7	33
49	Viral vectorâ€mediated Cre recombinase expression in substantia nigra induces lesions of the nigrostriatal pathway associated with perturbations of dopamineâ€related behaviors and hallmarks of programmed cell death. Journal of Neurochemistry, 2019, 150, 330-340.	3.9	32
50	A Role for Î”FosB in Calorie Restriction-Induced Metabolic Changes. Biological Psychiatry, 2011, 70, 204-207.	1.3	24
51	Antidepressant efficacy of a selective organic cation transporter blocker in a mouse model of depression. Molecular Psychiatry, 2020, 25, 1245-1259.	7.9	24
52	Î”FosB Induction in Prefrontal Cortex by Antipsychotic Drugs is Associated with Negative Behavioral Outcomes. Neuropsychopharmacology, 2014, 39, 538-544.	5.4	23
53	Energy expenditure and bone formation share a common sensitivity to AP-1 transcription in the hypothalamus. Journal of Bone and Mineral Research, 2012, 27, 1649-1658.	2.8	21
54	Inhibitory and facilitory actions of isocyanine derivatives at human and rat organic cation transporters 1, 2 and 3: A comparison to human Î±1- and Î±2-adrenoceptor subtypes. European Journal of Pharmacology, 2010, 634, 1-9.	3.5	20

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55	Cartography of hevin-expressing cells in the adult brain reveals prominent expression in astrocytes and parvalbumin neurons. Brain Structure and Function, 2019, 224, 1219-1244.	2.3	20
56	Î”<scp>JunD</scp> overexpression in the nucleus accumbens prevents sexual reward in female Syrian hamsters. Genes, Brain and Behavior, 2013, 12, 666-672.	2.2	19
57	<scp>VGLUT</scp>3 gates psychomotor effects induced by amphetamine. Journal of Neurochemistry, 2019, 148, 779-795.	3.9	15
58	Astrocytes respond to a neurotoxic AÎ²2 fragment with state-dependent Ca2+ alteration and multiphasic transmitter release. Acta Neuropathologica Communications, 2021, 9, 44.	5.2	15
59	Functional role of the N-terminal domain of Î”FosB in response to stress and drugs of abuse. Neuroscience, 2015, 284, 165-170.	2.3	14
60	Susceptibility to chronic social stress increases plaque progression, vulnerability and platelet activation. Thrombosis and Haemostasis, 2017, 117, 816-818.	3.4	13
61	The role of Î”fosB in the medial preoptic area: Differential effects of mating and cocaine history.. Behavioral Neuroscience, 2016, 130, 469-478.	1.2	8
62	Structural and Functional Characterization of the Interaction of Snapin with the Dopamine Transporter: Differential Modulation of Psychostimulant Actions. Neuropsychopharmacology, 2018, 43, 1041-1051.	5.4	7
63	Effects of gaboxadol on the expression of cocaine sensitization in rats.. Experimental and Clinical Psychopharmacology, 2016, 24, 131-141.	1.8	3
64	Characterization of Hevin (SPARCL1) Immunoreactivity in Postmortem Human Brain Homogenates. Neuroscience, 2021, 467, 91-109.	2.3	3