

# Vincent Vialou

## List of Publications by Year in descending order

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64  
papers

8,703  
citations

57758

44  
h-index

98798

67  
g-index

68  
all docs

68  
docs citations

68  
times ranked

9341  
citing authors

#	ARTICLE	IF	CITATIONS
1	Astrocytes respond to a neurotoxic A $\beta$ 2 fragment with state-dependent Ca <sup>2+</sup> alteration and multiphasic transmitter release. <i>Acta Neuropathologica Communications</i> , 2021, 9, 44.	5.2	15
2	Characterization of Hevin (SPARCL1) Immunoreactivity in Postmortem Human Brain Homogenates. <i>Neuroscience</i> , 2021, 467, 91-109.	2.3	3
3	Antidepressant efficacy of a selective organic cation transporter blocker in a mouse model of depression. <i>Molecular Psychiatry</i> , 2020, 25, 1245-1259.	7.9	24
4	Cartography of hevin-expressing cells in the adult brain reveals prominent expression in astrocytes and parvalbumin neurons. <i>Brain Structure and Function</i> , 2019, 224, 1219-1244.	2.3	20
5	Viral vector-mediated Cre recombinase expression in substantia nigra induces lesions of the nigrostriatal pathway associated with perturbations of dopamine-related behaviors and hallmarks of programmed cell death. <i>Journal of Neurochemistry</i> , 2019, 150, 330-340.	3.9	32
6	VGLUT3 gates psychomotor effects induced by amphetamine. <i>Journal of Neurochemistry</i> , 2019, 148, 779-795.	3.9	15
7	Structural and Functional Characterization of the Interaction of Snapin with the Dopamine Transporter: Differential Modulation of Psychostimulant Actions. <i>Neuropsychopharmacology</i> , 2018, 43, 1041-1051.	5.4	7
8	Antidepressive effects of targeting ELK-1 signal transduction. <i>Nature Medicine</i> , 2018, 24, 591-597.	30.7	33
9	Ketamine and Imipramine Reverse Transcriptional Signatures of Susceptibility and Induce Resilience-Specific Gene Expression Profiles. <i>Biological Psychiatry</i> , 2017, 81, 285-295.	1.3	118
10	Tet1 in Nucleus Accumbens Opposes Depression- and Anxiety-Like Behaviors. <i>Neuropsychopharmacology</i> , 2017, 42, 1657-1669.	5.4	50
11	MicroRNAs 146a/b-5 and 425-3p and 24-3p are markers of antidepressant response and regulate MAPK/Wnt-system genes. <i>Nature Communications</i> , 2017, 8, 15497.	12.8	144
12	Effects of Social Defeat Stress on Sleep in Mice. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 227.	2.0	45
13	Susceptibility to chronic social stress increases plaque progression, vulnerability and platelet activation. <i>Thrombosis and Haemostasis</i> , 2017, 117, 816-818.	3.4	13
14	The role of FosB in the medial preoptic area: Differential effects of mating and cocaine history. <i>Behavioral Neuroscience</i> , 2016, 130, 469-478.	1.2	8
15	Effects of gaboxadol on the expression of cocaine sensitization in rats. <i>Experimental and Clinical Psychopharmacology</i> , 2016, 24, 131-141.	1.8	3
16	A Role for Mitogen- and Stress-Activated Kinase 1 in L-DOPA-Induced Dyskinesia and FosB Expression. <i>Biological Psychiatry</i> , 2016, 79, 362-371.	1.3	48
17	Epigenetic basis of opiate suppression of Bdnf gene expression in the ventral tegmental area. <i>Nature Neuroscience</i> , 2015, 18, 415-422.	14.8	91
18	Role of Tet1 and 5-hydroxymethylcytosine in cocaine action. <i>Nature Neuroscience</i> , 2015, 18, 536-544.	14.8	160

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19	Antidepressant action of HDAC inhibition in the prefrontal cortex. <i>Neuroscience</i> , 2015, 298, 329-335.	2.3	65
20	Differential induction of FosB isoforms throughout the brain by fluoxetine and chronic stress. <i>Neuropharmacology</i> , 2015, 99, 28-37.	4.1	64
21	Functional role of the N-terminal domain of $\hat{\nu}$ FosB in response to stress and drugs of abuse. <i>Neuroscience</i> , 2015, 284, 165-170.	2.3	14
22	Chronic cocaine-regulated epigenomic changes in mouse nucleus accumbens. <i>Genome Biology</i> , 2014, 15, R65.	9.6	151
23	Fluoxetine Exposure during Adolescence Alters Responses to Aversive Stimuli in Adulthood. <i>Journal of Neuroscience</i> , 2014, 34, 1007-1021.	3.6	45
24	Prefrontal Cortical Circuit for Depression- and Anxiety-Related Behaviors Mediated by Cholecystokinin: Role of $\hat{\nu}$ FosB. <i>Journal of Neuroscience</i> , 2014, 34, 3878-3887.	3.6	256
25	Enhancing Depression Mechanisms in Midbrain Dopamine Neurons Achieves Homeostatic Resilience. <i>Science</i> , 2014, 344, 313-319.	12.6	409
26	$\hat{\nu}$ FosB Induction in Prefrontal Cortex by Antipsychotic Drugs is Associated with Negative Behavioral Outcomes. <i>Neuropsychopharmacology</i> , 2014, 39, 538-544.	5.4	23
27	$\hat{\nu}$ -catenin mediates stress resilience through Dicer1/microRNA regulation. <i>Nature</i> , 2014, 516, 51-55.	27.8	243
28	Fluoxetine Epigenetically Alters the CaMKII $\pm$ Promoter in Nucleus Accumbens to Regulate $\hat{\nu}$ FosB Binding and Antidepressant Effects. <i>Neuropsychopharmacology</i> , 2014, 39, 1178-1186.	5.4	90
29	Epigenetic Mechanisms of Depression and Antidepressant Action. <i>Annual Review of Pharmacology and Toxicology</i> , 2013, 53, 59-87.	9.4	232
30	Natural and Drug Rewards Act on Common Neural Plasticity Mechanisms with $\hat{\nu}$ FosB as a Key Mediator. <i>Journal of Neuroscience</i> , 2013, 33, 3434-3442.	3.6	100
31	Neurobiological Sequelae of Witnessing Stressful Events in Adult Mice. <i>Biological Psychiatry</i> , 2013, 73, 7-14.	1.3	181
32	$\hat{\nu}$ FosB Induction in Striatal Medium Spiny Neuron Subtypes in Response to Chronic Pharmacological, Emotional, and Optogenetic Stimuli. <i>Journal of Neuroscience</i> , 2013, 33, 18381-18395.	3.6	211
33	$\hat{\nu}$ JunD overexpression in the nucleus accumbens prevents sexual reward in female Syrian hamsters. <i>Genes, Brain and Behavior</i> , 2013, 12, 666-672.	2.2	19
34	Regulator of G protein signaling 4 is a crucial modulator of antidepressant drug action in depression and neuropathic pain models. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 8254-8259.	7.1	73
35	Behavioral and Structural Responses to Chronic Cocaine Require a Feedforward Loop Involving $\hat{\nu}$ FosB and Calcium/Calmodulin-Dependent Protein Kinase II in the Nucleus Accumbens Shell. <i>Journal of Neuroscience</i> , 2013, 33, 4295-4307.	3.6	175
36	Organic cation transporter 2 controls brain norepinephrine and serotonin clearance and antidepressant response. <i>Molecular Psychiatry</i> , 2012, 17, 926-939.	7.9	125

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37	Impaired adult myelination in the prefrontal cortex of socially isolated mice. <i>Nature Neuroscience</i> , 2012, 15, 1621-1623.	14.8	578
38	Drug Experience Epigenetically Primes FosB Gene Inducibility in Rat Nucleus Accumbens. <i>Journal of Neuroscience</i> , 2012, 32, 10267-10272.	3.6	41
39	Energy expenditure and bone formation share a common sensitivity to AP-1 transcription in the hypothalamus. <i>Journal of Bone and Mineral Research</i> , 2012, 27, 1649-1658.	2.8	21
40	Serum Response Factor and cAMP Response Element Binding Protein Are Both Required for Cocaine Induction of $\hat{\imath}$ FosB. <i>Journal of Neuroscience</i> , 2012, 32, 7577-7584.	3.6	75
41	A Role for $\hat{\imath}$ FosB in Calorie Restriction-Induced Metabolic Changes. <i>Biological Psychiatry</i> , 2011, 70, 204-207.	1.3	24
42	Paternal Transmission of Stress-Induced Pathologies. <i>Biological Psychiatry</i> , 2011, 70, 408-414.	1.3	294
43	Hippocampal-dependent antidepressant-like activity of histone deacetylase inhibition. <i>Neuroscience Letters</i> , 2011, 493, 122-126.	2.1	148
44	Inhibitory and facilitatory actions of isocyanine derivatives at human and rat organic cation transporters 1, 2 and 3: A comparison to human $\hat{\imath}$ 1- and $\hat{\imath}$ 2-adrenoceptor subtypes. <i>European Journal of Pharmacology</i> , 2010, 634, 1-9.	3.5	20
45	$\hat{\imath}$ FosB in the nucleus accumbens is critical for reinforcing effects of sexual reward. <i>Genes, Brain and Behavior</i> , 2010, 9, 831-840.	2.2	76
46	$\hat{\imath}$ FosB in brain reward circuits mediates resilience to stress and antidepressant responses. <i>Nature Neuroscience</i> , 2010, 13, 745-752.	14.8	429
47	Dnmt3a regulates emotional behavior and spine plasticity in the nucleus accumbens. <i>Nature Neuroscience</i> , 2010, 13, 1137-1143.	14.8	553
48	Serum Response Factor Promotes Resilience to Chronic Social Stress through the Induction of $\hat{\imath}$ FosB. <i>Journal of Neuroscience</i> , 2010, 30, 14585-14592.	3.6	81
49	Essential role of the cAMP-cAMP response-element binding protein pathway in opiate-induced homeostatic adaptations of locus coeruleus neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 17011-17016.	7.1	51
50	Extracellular Signal-Regulated Kinase-2 within the Ventral Tegmental Area Regulates Responses to Stress. <i>Journal of Neuroscience</i> , 2010, 30, 7652-7663.	3.6	87
51	Antidepressant Effect of Optogenetic Stimulation of the Medial Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2010, 30, 16082-16090.	3.6	542
52	Environmental Enrichment Produces a Behavioral Phenotype Mediated by Low Cyclic Adenosine Monophosphate Response Element Binding (CREB) Activity in the Nucleus Accumbens. <i>Biological Psychiatry</i> , 2010, 67, 28-35.	1.3	152
53	From synapse to nucleus: Novel targets for treating depression. <i>Neuropharmacology</i> , 2010, 58, 683-693.	4.1	94
54	CREB regulation of nucleus accumbens excitability mediates social isolation-induced behavioral deficits. <i>Nature Neuroscience</i> , 2009, 12, 200-209.	14.8	317

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55	Genome-wide Analysis of Chromatin Regulation by Cocaine Reveals a Role for Sirtuins. <i>Neuron</i> , 2009, 62, 335-348.	8.1	371
56	Phosphorylation of $\hat{\Gamma}$ FosB mediates its stability in vivo. <i>Neuroscience</i> , 2009, 158, 369-372.	2.3	54
57	Role of Nuclear Factor $\hat{\Gamma}$ B in Ovarian Hormone-Mediated Stress Hypersensitivity in Female Mice. <i>Biological Psychiatry</i> , 2009, 65, 874-880.	1.3	115
58	Antidepressant Actions of Histone Deacetylase Inhibitors. <i>Journal of Neuroscience</i> , 2009, 29, 11451-11460.	3.6	535
59	Altered aminergic neurotransmission in the brain of organic cation transporter 3-deficient mice. <i>Journal of Neurochemistry</i> , 2008, 106, 1471-1482.	3.9	99
60	AKT Signaling within the Ventral Tegmental Area Regulates Cellular and Behavioral Responses to Stressful Stimuli. <i>Biological Psychiatry</i> , 2008, 64, 691-700.	1.3	156
61	The Influence of $\hat{\Gamma}$ FosB in the Nucleus Accumbens on Natural Reward-Related Behavior. <i>Journal of Neuroscience</i> , 2008, 28, 10272-10277.	3.6	141
62	Neurochemical characterization of pathways expressing plasma membrane monoamine transporter in the rat brain. <i>Neuroscience</i> , 2007, 144, 616-622.	2.3	47
63	Differential pharmacological in vitro properties of organic cation transporters and regional distribution in rat brain. <i>Neuropharmacology</i> , 2006, 50, 941-952.	4.1	191
64	Organic Cation Transporter 3 (Slc22a3) Is Implicated in Salt-Intake Regulation. <i>Journal of Neuroscience</i> , 2004, 24, 2846-2851.	3.6	97