

Alfred Jay Robison

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4383248/publications.pdf>

Version: 2024-02-01

75
papers

5,909
citations

109264

35
h-index

79644

73
g-index

78
all docs

78
docs citations

78
times ranked

7338
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptional and epigenetic mechanisms of addiction. <i>Nature Reviews Neuroscience</i> , 2011, 12, 623-637.	4.9	850
2	ΔFosB in brain reward circuits mediates resilience to stress and antidepressant responses. <i>Nature Neuroscience</i> , 2010, 13, 745-752.	7.1	429
3	Genome-wide Analysis of Chromatin Regulation by Cocaine Reveals a Role for Sirtuins. <i>Neuron</i> , 2009, 62, 335-348.	3.8	371
4	Epigenetic regulation of RAC1 induces synaptic remodeling in stress disorders and depression. <i>Nature Medicine</i> , 2013, 19, 337-344.	15.2	277
5	Prefrontal Cortical Circuit for Depression- and Anxiety-Related Behaviors Mediated by Cholecystokinin: Role of ΔFosB. <i>Journal of Neuroscience</i> , 2014, 34, 3878-3887.	1.7	256
6	ΔFosB Kinase Regulates Social Defeat Stress-Induced Synaptic and Behavioral Plasticity. <i>Journal of Neuroscience</i> , 2011, 31, 314-321.	1.7	243
7	Epigenetic Mechanisms of Depression and Antidepressant Action. <i>Annual Review of Pharmacology and Toxicology</i> , 2013, 53, 59-87.	4.2	232
8	Reward Circuitry in Addiction. <i>Neurotherapeutics</i> , 2017, 14, 687-697.	2.1	182
9	Behavioral and Structural Responses to Chronic Cocaine Require a Feedforward Loop Involving ΔFosB and Calcium/Calmodulin-Dependent Protein Kinase II in the Nucleus Accumbens Shell. <i>Journal of Neuroscience</i> , 2013, 33, 4295-4307.	1.7	175
10	ΔFosB differentially modulates nucleus accumbens direct and indirect pathway function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 1923-1928.	3.3	167
11	Neurexins Physically and Functionally Interact with GABAA Receptors. <i>Neuron</i> , 2010, 66, 403-416.	3.8	154
12	Class I HDAC inhibition blocks cocaine-induced plasticity by targeted changes in histone methylation. <i>Nature Neuroscience</i> , 2013, 16, 434-440.	7.1	145
13	Role for mTOR Signaling and Neuronal Activity in Morphine-Induced Adaptations in Ventral Tegmental Area Dopamine Neurons. <i>Neuron</i> , 2011, 72, 977-990.	3.8	122
14	Multivalent Interactions of Calcium/Calmodulin-dependent Protein Kinase II with the Postsynaptic Density Proteins NR2B, Densin-180, and F-Actinin-2. <i>Journal of Biological Chemistry</i> , 2005, 280, 35329-35336.	1.6	121
15	Emerging role of CaMKII in neuropsychiatric disease. <i>Trends in Neurosciences</i> , 2014, 37, 653-662.	4.2	121
16	Association of Calcium/Calmodulin-dependent Kinase II with Developmentally Regulated Splice Variants of the Postsynaptic Density Protein Densin-180. <i>Journal of Biological Chemistry</i> , 2000, 275, 25061-25064.	1.6	92
17	Epigenetic basis of opiate suppression of Bdnf gene expression in the ventral tegmental area. <i>Nature Neuroscience</i> , 2015, 18, 415-422.	7.1	91
18	Fluoxetine Epigenetically Alters the CaMKIIα Promoter in Nucleus Accumbens to Regulate ΔFosB Binding and Antidepressant Effects. <i>Neuropsychopharmacology</i> , 2014, 39, 1178-1186.	2.8	90

#	ARTICLE	IF	CITATIONS
19	T Cells as an Emerging Target for Chronic Pain Therapy. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 216.	1.4	87
20	Experience-Dependent Induction of Hippocampal \hat{I}^{μ} FosB Controls Learning. <i>Journal of Neuroscience</i> , 2015, 35, 13773-13783.	1.7	85
21	Differential Modulation of Ca ²⁺ /Calmodulin-dependent Protein Kinase II Activity by Regulated Interactions with N-Methyl-D-aspartate Receptor NR2B Subunits and I \pm -Actinin. <i>Journal of Biological Chemistry</i> , 2005, 280, 39316-39323.	1.6	84
22	Cell-Type-Specific Epigenetic Editing at the Fosb Gene Controls Susceptibility to Social Defeat Stress. <i>Neuropsychopharmacology</i> , 2018, 43, 272-284.	2.8	83
23	Serum Response Factor and cAMP Response Element Binding Protein Are Both Required for Cocaine Induction of \hat{I}^{μ} FosB. <i>Journal of Neuroscience</i> , 2012, 32, 7577-7584.	1.7	75
24	Ventral CA3 Activation Mediates Prophylactic Ketamine Efficacy Against Stress-Induced Depressive-like Behavior. <i>Biological Psychiatry</i> , 2018, 84, 846-856.	0.7	71
25	Sex differences in the traumatic stress response: PTSD symptoms in women recapitulated in female rats. <i>Biology of Sex Differences</i> , 2018, 9, 31.	1.8	67
26	Differential induction of FosB isoforms throughout the brain by fluoxetine and chronic stress. <i>Neuropharmacology</i> , 2015, 99, 28-37.	2.0	64
27	Androgen-Dependent Excitability of Mouse Ventral Hippocampal Afferents to Nucleus Accumbens Underlies Sex-Specific Susceptibility to Stress. <i>Biological Psychiatry</i> , 2020, 87, 492-501.	0.7	62
28	CaMKII Is Essential for the Proasthmatic Effects of Oxidation. <i>Science Translational Medicine</i> , 2013, 5, 195ra97.	5.8	54
29	Cognition and Reward Circuits in Schizophrenia: Synergistic, Not Separate. <i>Biological Psychiatry</i> , 2020, 87, 204-214.	0.7	53
30	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.	3.3	51
31	Enhanced expression of ADCY1 underlies aberrant neuronal signalling and behaviour in a syndromic autism model. <i>Nature Communications</i> , 2017, 8, 14359.	5.8	51
32	Oxidation of calmodulin alters activation and regulation of CaMKII. <i>Biochemical and Biophysical Research Communications</i> , 2007, 356, 97-101.	1.0	46
33	\hat{I}^{μ} FosB Enhances the Rewarding Effects of Cocaine While Reducing the Pro-Depressive Effects of the Kappa-Opioid Receptor Agonist U50488. <i>Biological Psychiatry</i> , 2012, 71, 44-50.	0.7	45
34	Sensitive Assessment of Hippocampal Learning Using Temporally Dissociated Passive Avoidance Task. <i>Bio-protocol</i> , 2016, 6, .	0.2	43
35	Can I Get a Witness? Using Vicarious Defeat Stress to Study Mood-Related Illnesses in Traditionally Understudied Populations. <i>Biological Psychiatry</i> , 2020, 88, 381-391.	0.7	41
36	Genetic Inhibition of CaMKII in Dorsal Striatal Medium Spiny Neurons Reduces Functional Excitatory Synapses and Enhances Intrinsic Excitability. <i>PLoS ONE</i> , 2012, 7, e45323.	1.1	39

#	ARTICLE	IF	CITATIONS
37	Circuit-specific hippocampal δ FosB underlies resilience to stress-induced social avoidance. <i>Nature Communications</i> , 2020, 11, 4484.	5.8	39
38	Characterization of a Central Ca ²⁺ /Calmodulin-dependent Protein Kinase β Binding Domain in Densin That Selectively Modulates Glutamate Receptor Subunit Phosphorylation. <i>Journal of Biological Chemistry</i> , 2011, 286, 24806-24818.	1.6	37
39	Sex differences in the traumatic stress response: the role of adult gonadal hormones. <i>Biology of Sex Differences</i> , 2018, 9, 32.	1.8	37
40	Akt-mTOR hypoactivity in bipolar disorder gives rise to cognitive impairments associated with altered neuronal structure and function. <i>Neuron</i> , 2021, 109, 1479-1496.e6.	3.8	37
41	Sucrose Preference Test to Measure Stress-induced Anhedonia. <i>Bio-protocol</i> , 2016, 6, .	0.2	37
42	Light modulates hippocampal function and spatial learning in a diurnal rodent species: A study using male Nile grass rat (<i>Arvicanthis niloticus</i>). <i>Hippocampus</i> , 2018, 28, 189-200.	0.9	36
43	In Vivo Metabotropic Glutamate Receptor 5 (mGluR5) Antagonism Prevents Cocaine-Induced Disruption of Postsynaptically Maintained mGluR5-Dependent Long-Term Depression. <i>Journal of Neuroscience</i> , 2008, 28, 9261-9270.	1.7	35
44	Maturation of cortical circuits requires Semaphorin 7A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13978-13983.	3.3	34
45	Differential Expression of FosB Proteins and Potential Target Genes in Select Brain Regions of Addiction and Depression Patients. <i>PLoS ONE</i> , 2016, 11, e0160355.	1.1	30
46	Threonine 149 Phosphorylation Enhances δ FosB Transcriptional Activity to Control Psychomotor Responses to Cocaine. <i>Journal of Neuroscience</i> , 2014, 34, 11461-11469.	1.7	26
47	Epigenetic Regulation of Hippocampal FosB Expression Controls Behavioral Responses to Cocaine. <i>Journal of Neuroscience</i> , 2019, 39, 8305-8314.	1.7	24
48	Role of hippocampal activity-induced transcription in memory consolidation. <i>Reviews in the Neurosciences</i> , 2016, 27, 559-573.	1.4	23
49	Reward Network Immediate Early Gene Expression in Mood Disorders. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 77.	1.0	23
50	Emerging role of viral vectors for circuit-specific gene interrogation and manipulation in rodent brain. <i>Pharmacology Biochemistry and Behavior</i> , 2018, 174, 2-8.	1.3	23
51	Histamine-dependent interactions between mast cells, glia, and neurons are altered following early-life adversity in mice and humans. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 319, G655-G668.	1.6	22
52	Developmentally regulated alternative splicing of densin modulates protein-protein interaction and subcellular localization. <i>Journal of Neurochemistry</i> , 2008, 105, 1746-1760.	2.1	20
53	Loss of histone methyltransferase ASH1L in the developing mouse brain causes autistic-like behaviors. <i>Communications Biology</i> , 2021, 4, 756.	2.0	19
54	δ FosB Decreases Excitability of Dorsal Hippocampal CA1 Neurons. <i>ENeuro</i> , 2018, 5, ENEURO.0104-18.2018.	0.9	19

#	ARTICLE	IF	CITATIONS
55	Hippocampal Subgranular Zone FosB Expression Is Critical for Neurogenesis and Learning. <i>Neuroscience</i> , 2019, 406, 225-233.	1.1	18
56	FOSB: A Potentially Druggable Master Orchestrator of Activity-Dependent Gene Expression. <i>ACS Chemical Neuroscience</i> , 2022, 13, 296-307.	1.7	17
57	Fluoxetine exposure during adolescence increases preference for cocaine in adulthood. <i>Scientific Reports</i> , 2015, 5, 15009.	1.6	16
58	An excitatory lateral hypothalamic circuit orchestrating pain behaviors in mice. <i>ELife</i> , 2021, 10, .	2.8	16
59	Daytime Light Intensity Modulates Spatial Learning and Hippocampal Plasticity in Female Nile Grass Rats (<i>Arvicanthis niloticus</i>). <i>Neuroscience</i> , 2019, 404, 175-183.	1.1	13
60	Neuroimmunology of depression. <i>Advances in Pharmacology</i> , 2021, 91, 259-292.	1.2	13
61	Quantitative standardization of resident mouse behavior for studies of aggression and social defeat. <i>Neuropsychopharmacology</i> , 2021, 46, 1584-1593.	2.8	10
62	Upregulation of hippocampal extracellular signal-regulated kinase (ERK)2 induces antidepressant-like behavior in the rat forced swim test. <i>Behavioral Neuroscience</i> , 2019, 133, 225-231.	0.6	8
63	Proteome-Informed Machine Learning Studies of Cocaine Addiction. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 11122-11134.	2.1	8
64	Machine Learning Analysis of Cocaine Addiction Informed by DAT, SERT, and NET-Based Interactome Networks. <i>Journal of Chemical Theory and Computation</i> , 2022, 18, 2703-2719.	2.3	8
65	Adolescent fluoxetine treatment mediates a persistent anxiety-like outcome in female C57BL/6 mice that is ameliorated by fluoxetine re-exposure in adulthood. <i>Scientific Reports</i> , 2021, 11, 7758.	1.6	7
66	Impaired KDM2B-mediated PRC1 recruitment to chromatin causes defective neural stem cell self-renewal and ASD/ID-like behaviors. <i>IScience</i> , 2022, 25, 103742.	1.9	7
67	Serum- and glucocorticoid-inducible kinase 1 activity reduces dendritic spines in dorsal hippocampus. <i>Neuroscience Letters</i> , 2020, 725, 134909.	1.0	5
68	Pubertal Testosterone Programs Adult Behavioral Adaptations to Sexual Experience through Infralimbic Cortex FosB. <i>ENeuro</i> , 2019, 6, ENEURO.0176-19.2019.	0.9	5
69	GSK3 in the prefrontal cortex: a molecular handle specific to addiction pathology?. <i>Neuropsychopharmacology</i> , 2018, 43, 2497-2498.	2.8	3
70	Self-assembly of the bZIP transcription factor FosB. <i>Current Research in Structural Biology</i> , 2020, 2, 1-13.	1.1	3
71	Orexin (hypocretin) mediates light-dependent fluctuation of hippocampal function in a diurnal rodent. <i>Hippocampus</i> , 2021, 31, 1104-1114.	0.9	3
72	TAAR1 regulates drug-induced reinstatement of cocaine-seeking via negatively modulating CaMKII activity in the NAC. <i>Molecular Psychiatry</i> , 2022, 27, 2136-2145.	4.1	3

#	ARTICLE	IF	CITATIONS
73	Drug Addiction and Reward. , 2013, , 173-195.		1
74	Calmodulin acetylation: A modification to remember. Journal of Biological Chemistry, 2021, 297, 101273.	1.6	1
75	Internal threats to police wellness. , 2020, , 29-36.		0