

Rosemary C Bagot

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

6,180
citations

109311

35
h-index

182417

51
g-index

56
all docs

56
docs citations

56
times ranked

7750
citing authors

#	ARTICLE	IF	CITATIONS
1	Maternal Care and Hippocampal Plasticity: Evidence for Experience-Dependent Structural Plasticity, Altered Synaptic Functioning, and Differential Responsiveness to Glucocorticoids and Stress. <i>Journal of Neuroscience</i> , 2008, 28, 6037-6045.	3.6	626
2	The three-hit concept of vulnerability and resilience: Toward understanding adaptation to early-life adversity outcome. <i>Psychoneuroendocrinology</i> , 2013, 38, 1858-1873.	2.7	439
3	Ventral hippocampal afferents to the nucleus accumbens regulate susceptibility to depression. <i>Nature Communications</i> , 2015, 6, 7062.	12.8	356
4	Early life stress confers lifelong stress susceptibility in mice via ventral tegmental area OTX2. <i>Science</i> , 2017, 356, 1185-1188.	12.6	285
5	Circuit-wide Transcriptional Profiling Reveals Brain Region-Specific Gene Networks Regulating Depression Susceptibility. <i>Neuron</i> , 2016, 90, 969-983.	8.1	272
6	In vivo imaging identifies temporal signature of D1 and D2 medium spiny neurons in cocaine reward. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 2726-2731.	7.1	258
7	Critical Role of Histone Turnover in Neuronal Transcription and Plasticity. <i>Neuron</i> , 2015, 87, 77-94.	8.1	257
8	Prefrontal Cortical Circuit for Depression- and Anxiety-Related Behaviors Mediated by Cholecystokinin: Role of \hat{I} FosB. <i>Journal of Neuroscience</i> , 2014, 34, 3878-3887.	3.6	256
9	Maternal Care and DNA Methylation of a Glutamic Acid Decarboxylase 1 Promoter in Rat Hippocampus. <i>Journal of Neuroscience</i> , 2010, 30, 13130-13137.	3.6	250
10	Hippocampal long-term depression is required for the consolidation of spatial memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 16697-16702.	7.1	244
11	\hat{I} 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
12	Maternal care determines rapid effects of stress mediators on synaptic plasticity in adult rat hippocampal dentate gyrus. <i>Neurobiology of Learning and Memory</i> , 2009, 92, 292-300.	1.9	196
13	Epigenetics and the Biological Basis of Gene \hat{A} – Environment Interactions. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010, 49, 752-771.	0.5	153
14	Epigenetic signaling in psychiatric disorders: stress and depression. <i>Dialogues in Clinical Neuroscience</i> , 2014, 16, 281-295.	3.7	146
15	Early life stress alters transcriptomic patterning across reward circuitry in male and female mice. <i>Nature Communications</i> , 2019, 10, 5098.	12.8	136
16	Epigenetic Signaling in Psychiatric Disorders. <i>Journal of Molecular Biology</i> , 2014, 426, 3389-3412.	4.2	135
17	Brain-wide Electrical Spatiotemporal Dynamics Encode Depression Vulnerability. <i>Cell</i> , 2018, 173, 166-180.e14.	28.9	135
18	Neuroanatomic Differences Associated With Stress Susceptibility and Resilience. <i>Biological Psychiatry</i> , 2016, 79, 840-849.	1.3	132

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19	Cocaine Self-administration Alters Transcriptome-wide Responses in the Brain's Reward Circuitry. <i>Biological Psychiatry</i> , 2018, 84, 867-880.	1.3	132
20	Variations in postnatal maternal care and the epigenetic regulation of metabotropic glutamate receptor 1 expression and hippocampal function in the rat. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 17200-17207.	7.1	130
21	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
22	In Vivo Fiber Photometry Reveals Signature of Future Stress Susceptibility in Nucleus Accumbens. <i>Neuropsychopharmacology</i> , 2018, 43, 255-263.	5.4	105
23	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
24	ACF chromatin-remodeling complex mediates stress-induced depressive-like behavior. <i>Nature Medicine</i> , 2015, 21, 1146-1153.	30.7	83
25	Estrogen receptor α drives pro-resilient transcription in mouse models of depression. <i>Nature Communications</i> , 2018, 9, 1116.	12.8	83
26	G9a influences neuronal subtype specification in striatum. <i>Nature Neuroscience</i> , 2014, 17, 533-539.	14.8	78
27	Stress resilience is promoted by a Zfp189-driven transcriptional network in prefrontal cortex. <i>Nature Neuroscience</i> , 2019, 22, 1413-1423.	14.8	78
28	Environmental Programming of Susceptibility and Resilience to Stress in Adulthood in Male Mice. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 40.	2.0	76
29	Bidirectional Synaptic Structural Plasticity after Chronic Cocaine Administration Occurs through Rap1 Small GTPase Signaling. <i>Neuron</i> , 2016, 89, 566-582.	8.1	73
30	Wiring the depressed brain: optogenetic and chemogenetic circuit interrogation in animal models of depression. <i>Neuropsychopharmacology</i> , 2019, 44, 1013-1026.	5.4	64
31	Maternal Care Influences Hippocampal N-Methyl-D-Aspartate Receptor Function and Dynamic Regulation by Corticosterone in Adulthood. <i>Biological Psychiatry</i> , 2012, 72, 491-498.	1.3	58
32	Ventral Hippocampal Afferents to Nucleus Accumbens Encode Both Latent Vulnerability and Stress-Induced Susceptibility. <i>Biological Psychiatry</i> , 2020, 88, 843-854.	1.3	51
33	Modulation of Synaptic Plasticity by Stress Hormone Associates with Plastic Alteration of Synaptic NMDA Receptor in the Adult Hippocampus. <i>PLoS ONE</i> , 2011, 6, e27215.	2.5	46
34	Aberrant H3.3 dynamics in NAc promote vulnerability to depressive-like behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12562-12567.	7.1	44
35	Early or Late Gestational Exposure to Maternal Immune Activation Alters Neurodevelopmental Trajectories in Mice: An Integrated Neuroimaging, Behavioral, and Transcriptional Study. <i>Biological Psychiatry</i> , 2021, 90, 328-341.	1.3	38
36	Nucleus Accumbens-Specific Interventions in RGS9-2 Activity Modulate Responses to Morphine. <i>Neuropsychopharmacology</i> , 2014, 39, 1968-1977.	5.4	36

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37	Maternal Care Differentially Affects Neuronal Excitability and Synaptic Plasticity in the Dorsal and Ventral Hippocampus. <i>Neuropsychopharmacology</i> , 2015, 40, 1590-1599.	5.4	36
38	Defining Valid Chronic Stress Models for Depression With Female Rodents. <i>Biological Psychiatry</i> , 2021, 90, 226-235.	1.3	36
39	Phf8 loss confers resistance to depression-like and anxiety-like behaviors in mice. <i>Nature Communications</i> , 2017, 8, 15142.	12.8	35
40	Blunted neural response to appetitive images prospectively predicts symptoms of depression, and not anxiety, during the transition to university. <i>Biological Psychology</i> , 2019, 145, 31-41.	2.2	34
41	Sex-Specific Transcriptional Changes in Response to Adolescent Social Stress in the Brain's Reward Circuitry. <i>Biological Psychiatry</i> , 2022, 91, 118-128.	1.3	34
42	Transcription Factor E2F3a in Nucleus Accumbens Affects Cocaine Action via Transcription and Alternative Splicing. <i>Biological Psychiatry</i> , 2018, 84, 167-179.	1.3	30
43	Dynamic regulation of NMDAR function in the adult brain by the stress hormone corticosterone. <i>Frontiers in Cellular Neuroscience</i> , 2012, 6, 9.	3.7	24
44	Is Hippocampal Replay a Mechanism for Anxiety and Depression?. <i>JAMA Psychiatry</i> , 2020, 77, 431.	11.0	18
45	Sperm Transcriptional State Associated with Paternal Transmission of Stress Phenotypes. <i>Journal of Neuroscience</i> , 2021, 41, 6202-6216.	3.6	14
46	<i>Fosb</i> Induction in Nucleus Accumbens by Cocaine Is Regulated by E2F3a. <i>ENeuro</i> , 2019, 6, ENEURO.0325-18.2019.	1.9	14
47	A novel role for E2F3b in regulating cocaine action in the prefrontal cortex. <i>Neuropsychopharmacology</i> , 2019, 44, 776-784.	5.4	12
48	Crystallin Mu in Medial Amygdala Mediates the Effect of Social Experience on Cocaine Seeking in Males but Not in Females. <i>Biological Psychiatry</i> , 2022, 92, 895-906.	1.3	6
49	Probing relationships between reinforcement learning and simple behavioral strategies to understand probabilistic reward learning. <i>Journal of Neuroscience Methods</i> , 2020, 341, 108777.	2.5	3
50	Mechanisms of Stress-Induced Sleep Disturbance Give New Insight Into Stress Vulnerability. <i>Biological Psychiatry</i> , 2021, 89, 1108-1110.	1.3	2
51	Ambiguity and conflict: Dissecting uncertainty in decision-making.. <i>Behavioral Neuroscience</i> , 2022, 136, 1-12.	1.2	1
52	Ophn1 regulation of prefrontal inhibition: A mechanism for stress susceptibility in intellectual disability. <i>Neuron</i> , 2021, 109, 1583-1584.	8.1	0