Georgia E Hodes

List of Publications by Year
in descending order

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67 papers	7,204 citations	76196 40 h-index	110170 64 g-index
78 all docs	78 docs citations	78 times ranked	9315 citing authors

#	Article	IF	Citations
1	Social stress induces neurovascular pathology promoting depression. Nature Neuroscience, 2017, 20, 1752-1760.	7.1	617
2	Individual differences in the peripheral immune system promote resilience versus susceptibility to social stress. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16136-16141.	3.3	545
3	Sex-specific transcriptional signatures in human depression. Nature Medicine, 2017, 23, 1102-1111.	15.2	532
4	Neuroimmune mechanisms of depression. Nature Neuroscience, 2015, 18, 1386-1393.	7.1	415
5	Pathogenesis of depression: Insights from human and rodent studies. Neuroscience, 2016, 321, 138-162.	1.1	383
6	Brain feminization requires active repression of masculinization via DNA methylation. Nature Neuroscience, 2015, 18, 690-697.	7.1	339
7	Sex Differences in Nucleus Accumbens Transcriptome Profiles Associated with Susceptibility versus Resilience to Subchronic Variable Stress. Journal of Neuroscience, 2015, 35, 16362-16376.	1.7	308
8	Paternal Transmission of Stress-Induced Pathologies. Biological Psychiatry, 2011, 70, 408-414.	0.7	294
9	Epigenetic regulation of RAC1 induces synaptic remodeling in stress disorders and depression. Nature Medicine, 2013, 19, 337-344.	15.2	277
10	Sex Differences in Vulnerability and Resilience to Stress Across the Life Span. Biological Psychiatry, 2019, 86, 421-432.	0.7	251
11	Immune and Neuroendocrine Mechanisms of Stress Vulnerability and Resilience. Neuropsychopharmacology, 2017, 42, 62-80.	2.8	241
12	Integrating Interleukin-6 into depression diagnosis and treatment. Neurobiology of Stress, 2016, 4, 15-22.	1.9	198
13	Basal forebrain projections to the lateral habenula modulate aggression reward. Nature, 2016, 534, 688-692.	13.7	193
14	Epigenetic modulation of inflammation and synaptic plasticity promotes resilience against stress in mice. Nature Communications, 2018, 9, 477.	5.8	185
15	Establishment of a repeated social defeat stress model in female mice. Scientific Reports, 2017, 7, 12838.	1.6	176
16	Rac1 is essential in cocaine-induced structural plasticity of nucleus accumbens neurons. Nature Neuroscience, 2012, 15, 891-896.	7.1	160
17	Altered peripheral immune profiles in treatment-resistant depression: response to ketamine and prediction of treatment outcome. Translational Psychiatry, 2017, 7, e1065-e1065.	2.4	135
18	Prenatal Stress Induces Schizophrenia-Like Alterations of Serotonin 2A and Metabotropic Glutamate 2 Receptors in the Adult Offspring: Role of Maternal Immune System. Journal of Neuroscience, 2013, 33, 1088-1098.	1.7	113

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19	Distinctive stress effects on learning during puberty. Hormones and Behavior, 2005, 48, 163-171.	1.0	95
20	Epigenetic basis of opiate suppression of Bdnf gene expression in the ventral tegmental area. Nature Neuroscience, 2015, 18, 415-422.	7.1	91
21	Excitatory transmission at thalamo-striatal synapses mediates susceptibility to social stress. Nature Neuroscience, 2015, 18, 962-964.	7.1	86
22	Estrogen receptor Î± drives pro-resilient transcription in mouse models of depression. Nature Communications, 2018, 9, 1116.	5.8	83
23	Sex-Specific Effects of Chronic Fluoxetine Treatment on Neuroplasticity and Pharmacokinetics in Mice. Journal of Pharmacology and Experimental Therapeutics, 2010, 332, 266-273.	1.3	77
24	Effects of Inhibitor of ÎºB Kinase Activity in the Nucleus Accumbens on Emotional Behavior. Neuropsychopharmacology, 2012, 37, 2615-2623.	2.8	74
25	Inflaming sex differences in mood disorders. Neuropsychopharmacology, 2019, 44, 184-199.	2.8	74
26	Understanding the epigenetic basis of sex differences in depression. Journal of Neuroscience Research, 2017, 95, 692-702.	1.3	67
27	Multidimensional Predictors of Susceptibility and Resilience to Social Defeat Stress. Biological Psychiatry, 2019, 86, 483-491.	0.7	64
28	Midbrain circuit regulation of individual alcohol drinking behaviors in mice. Nature Communications, 2017, 8, 2220.	5.8	63
29	Sex, stress, and epigenetics: regulation of behavior in animal models of mood disorders. Biology of Sex Differences, 2013, 4, 1.	1.8	62
30	Sex differences in the hypothalamicâ€“pituitaryâ€“adrenal axis: An obstacle to antidepressant drug development?. British Journal of Pharmacology, 2019, 176, 4090-4106.	2.7	62
31	Cell-type-specific role for nucleus accumbens neuroligin-2 in depression and stress susceptibility. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1111-1116.	3.3	61
32	Enhanced Sensitivity of the MRL/MpJ Mouse to the Neuroplastic and Behavioral Effects of Chronic Antidepressant Treatments. Neuropsychopharmacology, 2009, 34, 1764-1773.	2.8	56
33	Sub-chronic variable stress induces sex-specific effects on glutamatergic synapses in the nucleus accumbens. Neuroscience, 2017, 350, 180-189.	1.1	56
34	Widespread transcriptional alternations in oligodendrocytes in the adult mouse brain following chronic stress. Developmental Neurobiology, 2018, 78, 152-162.	1.5	54
35	Fluoxetine treatment induces dose dependent alterations in depression associated behavior and neural plasticity in female mice. Neuroscience Letters, 2010, 484, 12-16.	1.0	52
36	Cell-Type-Specific Role of Î”FosB in Nucleus Accumbens In Modulating Intermale Aggression. Journal of Neuroscience, 2018, 38, 5913-5924.	1.7	52

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37	Stressful experience has opposite effects on dendritic spines in the hippocampus of cycling versus masculinized females. Neuroscience Letters, 2009, 449, 52-56.	1.0	51
38	Deciphering sex differences in the immune system and depression. Frontiers in Neuroendocrinology, 2018, 50, 67-90.	2.5	46
39	Flow cytometric analysis of BrdU incorporation as a high-throughput method for measuring adult neurogenesis in the mouse. Journal of Pharmacological and Toxicological Methods, 2009, 59, 100-107.	0.3	45
40	Prozac during puberty: distinctive effects on neurogenesis as a function of age and sex. Neuroscience, 2009, 163, 609-617.	1.1	45
41	Sex Differences in the Neuroadaptations of Reward-related Circuits in Response to Subchronic Variable Stress. Neuroscience, 2018, 376, 108-116.	1.1	39
42	Integrative Analysis of Sex-Specific microRNA Networks Following Stress in Mouse Nucleus Accumbens. Frontiers in Molecular Neuroscience, 2016, 9, 144.	1.4	35
43	Chronic adolescent stress sex-specifically alters the hippocampal transcriptome in adulthood. Neuropsychopharmacology, 2019, 44, 1207-1215.	2.8	35
44	Role of Monocyte-Derived MicroRNA106bâˆ¼25 in Resilience to Social Stress. Biological Psychiatry, 2019, 86, 474-482.	0.7	35
45	Chronic corticosterone exposure alters postsynaptic protein levels of PSDâ€95, NR1, and synaptopodin in the mouse brain. Synapse, 2011, 65, 763-770.	0.6	31
46	Immune mechanisms of stress susceptibility and resilience: Lessons from animal models. Frontiers in Neuroendocrinology, 2019, 54, 100771.	2.5	29
47	Strain differences in the effects of chronic corticosterone exposure in the hippocampus. Neuroscience, 2012, 222, 269-280.	1.1	27
48	Testing the Limits of Sex Differences Using Variable Stress. Neuroscience, 2021, 454, 72-84.	1.1	24
49	Wilmâ€™s tumor 1 promotes memory flexibility. Nature Communications, 2019, 10, 3756.	5.8	20
50	Central and peripheral changes underlying susceptibility and resistance to social defeat stress â€“ A proteomic profiling study. Diagnostics in Neuropsychiatry, 2015, 1, 1-7.	0.0	19
51	Sexually dimorphic neuroimmune response to chronic opioid treatment and withdrawal. Neuropharmacology, 2021, 186, 108469.	2.0	18
52	Neuromodulatory effect of interleukin 1Î² in the dorsal raphe nucleus on individual differences in aggression. Molecular Psychiatry, 2022, 27, 2563-2579.	4.1	14
53	Susceptibility to chronic social stress increases plaque progression, vulnerability and platelet activation. Thrombosis and Haemostasis, 2017, 117, 816-818.	1.8	13
54	Translating the Transcriptome: Sex Differences in the Mechanisms of Depression and Stress, Revisited. Biological Psychiatry, 2022, 91, 25-35.	0.7	12

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55	Sex and region-specific effects of variable stress on microglia morphology. Brain, Behavior, & Immunity - Health, 2021, 18, 100378.	1.3	12
56	Examining the Role of Microbiota in Emotional Behavior: Antibiotic Treatment Exacerbates Anxiety in High Anxiety-Prone Male Rats. Neuroscience, 2021, 459, 179-197.	1.1	11
57	A primer on sex differences in the behavioral response to stress. Current Opinion in Behavioral Sciences, 2018, 23, 75-83.	2.0	10
58	Learning during middle age: A resistance to stress?. Neurobiology of Aging, 2007, 28, 1783-1788.	1.5	9
59	Crystallin Mu in Medial Amygdala Mediates the Effect of Social Experience on Cocaine Seeking in Males but Not in Females. Biological Psychiatry, 2022, 92, 895-906.	0.7	6
60	87. Social Stress Induces Neurovascular Pathology Promoting Immune Infiltration and Depression. Biological Psychiatry, 2018, 83, S36.	0.7	3
61	CHAPTER 7. The Neurobiology of Depression and Anxiety: How Do We Change from Models of Drug Efficacy to Understanding Mood and Anxiety Disorders?. RSC Drug Discovery Series, 2012, , 159-183.	0.2	2
62	201. Stress Resilience vs. Vulnerability in Mood disorders, an Integrative Biological Approach. Biological Psychiatry, 2019, 85, S83-S84.	0.7	0
63	225. Sex Differences in the Peripheral Immune Signatures of Stress Susceptibility and Resilience. Biological Psychiatry, 2019, 85, S93.	0.7	0
64	Sex similarities in the immune response to social stress. Brain, Behavior, and Immunity, 2019, 79, 10-11.	2.0	0
65	Stress Effects on Microglia Activation and Behavior: Sex Matters. Biological Psychiatry, 2020, 87, S15.	0.7	0
66	Animal Models of Mood Disorders. , 2013, , 411-424.		0
67	Immune Mechanisms of Depression. , 2017, , .		0