Jason D Gray

List of Publications by Year
in descending order

18 papers	3,021 citations	687363 13 h-index	794594 19 g-index
19 all docs	19 docs citations	19 times ranked	5287 citing authors

#	Article	IF	Citations
1	Mechanisms of stress in the brain. Nature Neuroscience, 2015, 18, 1353-1363.	14.8	1,056
2	Stress Effects on Neuronal Structure: Hippocampus, Amygdala, and Prefrontal Cortex. Neuropsychopharmacology, 2016, 41, 3-23.	5.4	957
3	Recognizing resilience: Learning from the effects of stress on the brain. Neurobiology of Stress, 2015, 1, 1-11.	4.0	260
4	Mitochondrial functions modulate neuroendocrine, metabolic, inflammatory, and transcriptional responses to acute psychological stress. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E6614-23.	7.1	209
5	Genomic and epigenomic mechanisms of glucocorticoids in the brain. Nature Reviews Endocrinology, 2017, 13, 661-673.	9.6	163
6	Riluzole reduces amyloid beta pathology, improves memory, and restores gene expression changes in a transgenic mouse model of early-onset Alzheimerâ€™s disease. Translational Psychiatry, 2018, 8, 153.	4.8	64
7	A sexually dimorphic pre-stressed translational signature in CA3 pyramidal neurons of BDNF Val66Met mice. Nature Communications, 2017, 8, 808.	12.8	57
8	Divergent roles of astrocytic versus neuronal EAAT2 deficiency on cognition and overlap with aging and Alzheimerâ€™s molecular signatures. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 21800-21811.	7.1	56
9	Early Life Stress Restricts Translational Reactivity in CA3 Neurons Associated With Altered Stress Responses in Adulthood. Frontiers in Behavioral Neuroscience, 2019, 13, 157.	2.0	39
10	Role for NUP62 depletion and PYK2 redistribution in dendritic retraction resulting from chronic stress. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16130-16135.	7.1	36
11	Sex differences after chronic stress in the expression of opioid-, stress- and neuroplasticity-related genes in the rat hippocampus. Neurobiology of Stress, 2018, 8, 33-41.	4.0	32
12	Sex Differences in the Rat Hippocampal Opioid System After Oxycodone Conditioned Place Preference. Neuroscience, 2018, 393, 236-257.	2.3	24
13	Sex Differences in Neuroplasticity- and Stress-Related Gene Expression and Protein Levels in the Rat Hippocampus Following Oxycodone Conditioned Place Preference. Neuroscience, 2019, 410, 274-292.	2.3	20
14	Sex and chronic stress differentially alter phosphorylated mu and delta opioid receptor levels in the rat hippocampus following oxycodone conditioned place preference. Neuroscience Letters, 2019, 713, 134514.	2.1	12
15	Chronic immobilization stress primes the hippocampal opioid system for oxycodoneâ€associated learning in female but not male rats. Synapse, 2019, 73, e22088.	1.2	11
16	Chronic stress differentially alters <scp>mRNA</scp> expression of opioid peptides and receptors in the dorsal hippocampus of female and male rats. Journal of Comparative Neurology, 2021, 529, 2636-2657.	1.6	11
17	Sex and age differentially affect GABAergic neurons in the mouse prefrontal cortex and hippocampus following chronic intermittent hypoxia. Experimental Neurology, 2020, 325, 113075.	4.1	9
18	Sex and chronic stress alter delta opioid receptor distribution within rat hippocampal CA1 pyramidal cells following behavioral challenges. Neurobiology of Stress, 2020, 13, 100236.	4.0	4