

Richard G Hunter

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

5,607
citations

109321

35
h-index

85541

71
g-index

84
all docs

84
docs citations

84
times ranked

7206
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of stress in the brain. <i>Nature Neuroscience</i> , 2015, 18, 1353-1363.	14.8	1,056
2	Stress and anxiety: Structural plasticity and epigenetic regulation as a consequence of stress. <i>Neuropharmacology</i> , 2012, 62, 3-12.	4.1	437
3	Dynamic regulation of mitochondrial function by glucocorticoids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 3543-3548.	7.1	392
4	Structural and functional alterations to rat medial prefrontal cortex following chronic restraint stress and recovery. <i>Neuroscience</i> , 2009, 164, 798-808.	2.3	284
5	Regulation of hippocampal H3 histone methylation by acute and chronic stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20912-20917.	7.1	257
6	Hippocampal gene expression changes underlying stress sensitization and recovery. <i>Molecular Psychiatry</i> , 2014, 19, 1171-1178.	7.9	208
7	Actions of cocaine- and amphetamine-regulated transcript (CART) peptide on regulation of appetite and hypothalamo-pituitary axes in vitro and in vivo in male rats. <i>Brain Research</i> , 2001, 893, 186-194.	2.2	181
8	Acute stress and hippocampal histone H3 lysine 9 trimethylation, a retrotransposon silencing response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 17657-17662.	7.1	169
9	Intra-ventral tegmental area injection of rat cocaine and amphetamine-regulated transcript peptide 55-102 induces locomotor activity and promotes conditioned place preference. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2000, 294, 784-92.	2.5	138
10	Stress and the dynamic genome: Steroids, epigenetics, and the transposome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 6828-6833.	7.1	124
11	Stress and corticosteroids regulate rat hippocampal mitochondrial DNA gene expression via the glucocorticoid receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9099-9104.	7.1	118
12	Stress and anxiety across the lifespan: structural plasticity and epigenetic regulation. <i>Epigenomics</i> , 2013, 5, 177-194.	2.1	116
13	CART peptides. <i>Regulatory Peptides</i> , 2000, 89, 1-6.	1.9	110
14	CART in feeding and obesity. <i>Trends in Endocrinology and Metabolism</i> , 2004, 15, 454-459.	7.1	94
15	Relationships among estrogen receptor, oxytocin and vasopressin gene expression and social interaction in male mice. <i>European Journal of Neuroscience</i> , 2011, 34, 469-477.	2.6	89
16	Glucocorticoids Modulate the mTOR Pathway in the Hippocampus: Differential Effects Depending on Stress History. <i>Endocrinology</i> , 2012, 153, 4317-4327.	2.8	88
17	Epigenetic effects of stress and corticosteroids in the brain. <i>Frontiers in Cellular Neuroscience</i> , 2012, 6, 18.	3.7	84
18	Neuroepigenetics of stress. <i>Neuroscience</i> , 2014, 275, 420-435.	2.3	83

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19	CART peptides are modulators of mesolimbic dopamine and psychostimulants. <i>Life Sciences</i> , 2003, 73, 741-747.	4.3	77
20	CART: from gene to function. <i>Brain Research</i> , 1999, 848, 137-140.	2.2	74
21	Quantification and synthesis of cocaine- and amphetamine-regulated transcript peptide (79-102)-like immunoreactivity and mRNA in rat tissues. <i>Journal of Endocrinology</i> , 2000, 166, 659-668.	2.6	69
22	CART Peptides as Targets for CNS Drug Development. <i>CNS and Neurological Disorders</i> , 2003, 2, 201-205.	4.3	68
23	Anxiety and Epigenetics. <i>Advances in Experimental Medicine and Biology</i> , 2017, 978, 145-166.	1.6	63
24	Waddington, Dynamic Systems, and Epigenetics. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 107.	2.0	58
25	Noncoding RNAs: Stress, Glucocorticoids, and Posttraumatic Stress Disorder. <i>Biological Psychiatry</i> , 2018, 83, 849-865.	1.3	58
26	Cocaine- and Amphetamine-Regulated Transcript Peptide Levels in Blood Exhibit a Diurnal Rhythm: Regulation by Glucocorticoids. <i>Endocrinology</i> , 2004, 145, 4119-4124.	2.8	57
27	Epigenetic Mechanisms of the Glucocorticoid Receptor. <i>Trends in Endocrinology and Metabolism</i> , 2019, 30, 807-818.	7.1	57
28	Regulation of CART mRNA by stress and corticosteroids in the hippocampus and amygdala. <i>Brain Research</i> , 2007, 1152, 234-240.	2.2	51
29	Stress and glucocorticoid receptor regulation of mitochondrial gene expression. <i>Journal of Molecular Endocrinology</i> , 2019, 62, R121-R128.	2.5	50
30	Environmental stress and transposon transcription in the mammalian brain. <i>Mobile Genetic Elements</i> , 2013, 3, e24555.	1.8	47
31	The effects of cocaine on CART expression in the rat nucleus accumbens: A possible role for corticosterone. <i>European Journal of Pharmacology</i> , 2005, 517, 45-50.	3.5	45
32	Novel Bioinformatics Approach Identifies Transcriptional Profiles of Lineage-Specific Transposable Elements at Distinct Loci in the Human Dorsolateral Prefrontal Cortex. <i>Molecular Biology and Evolution</i> , 2018, 35, 2435-2453.	8.9	43
33	Behavioral and biological effects of chronic S18986, a positive AMPA receptor modulator, during aging. <i>Experimental Neurology</i> , 2008, 210, 109-117.	4.1	42
34	Studies of selected phenyltropanes at monoamine transporters. <i>Drug and Alcohol Dependence</i> , 1999, 56, 9-15.	3.2	39
35	Regulation of CART mRNA in the rat nucleus accumbens via D3 dopamine receptors. <i>Neuropharmacology</i> , 2006, 50, 858-864.	4.1	39
36	CART Peptides: Modulators of Mesolimbic Dopamine, Feeding, and Stress. <i>Annals of the New York Academy of Sciences</i> , 2004, 1025, 363-369.	3.8	38

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37	The role of CART in body weight homeostasis. <i>Peptides</i> , 2006, 27, 1981-1986.	2.4	37
38	Chronic stress differentially regulates cannabinoid CB1 receptor binding in distinct hippocampal subfields. <i>European Journal of Pharmacology</i> , 2009, 614, 66-69.	3.5	36
39	Role for NUP62 depletion and PYK2 redistribution in dendritic retraction resulting from chronic stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16130-16135.	7.1	36
40	The dynamic genome: transposons and environmental adaptation in the nervous system. <i>Epigenomics</i> , 2016, 8, 237-249.	2.1	36
41	Regulation of Kainate Receptor Subunit mRNA by Stress and Corticosteroids in the Rat Hippocampus. <i>PLoS ONE</i> , 2009, 4, e4328.	2.5	35
42	Intrathecal CART (55-102) enhances the spinal analgesic actions of morphine in mice. <i>Brain Research</i> , 2004, 1024, 146-149.	2.2	34
43	Hippocampal Kainate Receptors. <i>Vitamins and Hormones</i> , 2010, 82, 167-184.	1.7	31
44	CART peptide diurnal rhythm in brain and effect of fasting. <i>Brain Research</i> , 2005, 1032, 111-115.	2.2	28
45	Toxic stress history and hypothalamic-pituitary-adrenal axis function in a social stress task: Genetic and epigenetic factors. <i>Neurotoxicology and Teratology</i> , 2019, 71, 41-49.	2.4	28
46	Early life exposures, neurodevelopmental disorders, and transposable elements. <i>Neurobiology of Stress</i> , 2019, 11, 100174.	4.0	27
47	Regulation of the nicotinic receptor alpha7 subunit by chronic stress and corticosteroids. <i>Brain Research</i> , 2010, 1325, 141-146.	2.2	25
48	The Neuroscience of Resilience. <i>Journal of the Society for Social Work and Research</i> , 2018, 9, 305-339.	1.3	22
49	Species differences in brain distribution of CART mRNA and CART peptide between prairie and meadow voles. <i>Brain Research</i> , 2005, 1048, 12-23.	2.2	19
50	Relationship between socioeconomic vulnerability and ecological sustainability: The case of Aran-V-Bidgol's rangelands, Iran. <i>Ecological Indicators</i> , 2018, 85, 613-623.	6.3	19
51	Molecular endocrinology of female reproductive behavior. <i>Molecular and Cellular Endocrinology</i> , 2018, 467, 14-20.	3.2	17
52	In search of optimal resilience ratios: Differential influences of neurobehavioral factors contributing to stress-resilience spectra. <i>Frontiers in Neuroendocrinology</i> , 2020, 56, 100802.	5.2	16
53	Effect of corticosterone on CART peptide levels in rat blood. <i>Peptides</i> , 2005, 26, 531-533.	2.4	15
54	Transposons, stress and the functions of the deep genome. <i>Frontiers in Neuroendocrinology</i> , 2018, 49, 170-174.	5.2	15

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55	Stress, Adaptation, and the Deep Genome: Why Transposons Matter. <i>Integrative and Comparative Biology</i> , 2020, 60, 1495-1505.	2.0	15
56	Early experience alters developmental trajectory of central oxytocin systems involved in hypothalamic-pituitary-adrenal axis regulation in Long-Evans rats. <i>Hormones and Behavior</i> , 2020, 126, 104822.	2.1	13
57	Risk and protective effects of serotonin and BDNF genes on stress-related adult psychiatric symptoms. <i>Neurobiology of Stress</i> , 2019, 11, 100186.	4.0	12
58	Coping Strategies During Drought: The Case of Rangeland Users in Southwest Iran. <i>Rangelands</i> , 2017, 39, 133-142.	1.9	10
59	Stress and the $\alpha 7$ Nicotinic Acetylcholine Receptor. <i>Current Drug Targets</i> , 2012, 13, 607-612.	2.1	9
60	Bag α 1 mediates glucocorticoid receptor trafficking to mitochondria after corticosterone stimulation: Potential role in regulating affective resilience. <i>Journal of Neurochemistry</i> , 2021, 158, 358-372.	3.9	9
61	Corticosterone dynamically regulates retrotransposable element expression in the rat hippocampus and C6 cells. <i>Neurobiology of Stress</i> , 2021, 15, 100397.	4.0	8
62	A Caretaker Acute Stress Paradigm: Effects on behavior and physiology of caretaker and infant. <i>Developmental Psychobiology</i> , 2021, 63, 237-246.	1.6	7
63	Drivers of local people's participation in sustainable natural resource management: a case study in central Iran. <i>Local Environment</i> , 2017, 22, 880-893.	2.4	6
64	Maternal hair cortisol levels as a novel predictor of neonatal abstinence syndrome severity: A pilot feasibility study. <i>Developmental Psychobiology</i> , 2020, 62, 116-122.	1.6	6
65	Psychiatric risk and resilience: Plasticity genes and positive mental health. <i>Brain and Behavior</i> , 2021, 11, e02137.	2.2	6
66	Bridging the Gap Between Environmental Adversity and Neuropsychiatric Disorders: The Role of Transposable Elements. <i>Frontiers in Genetics</i> , 0, 13, .	2.3	6
67	The Role of Transposable Elements in Sexual Development. <i>Frontiers in Behavioral Neuroscience</i> , 0, 16, .	2.0	5
68	In search of positive mental health: Personality profiles and genetic polymorphisms. <i>Stress and Health</i> , 2021, 37, 310-319.	2.6	4
69	Introduction to the Special Section on Social Work and Neuroscience. <i>Journal of the Society for Social Work and Research</i> , 2018, 9, 217-221.	1.3	3
70	Seeing a Face in a Crowd of Emotional Voices: Changes in Perception and Cortisol in Response to Emotional Information across the Senses. <i>Brain Sciences</i> , 2019, 9, 176.	2.3	3
71	Application of Vulnerability Assessment to a Grazed Rangeland: Toward an Integrated Conceptual Framework. <i>Rangelands</i> , 2018, 40, 17-23.	1.9	2
72	Chromatin Immunoprecipitation Techniques in Neuropsychiatric Research. <i>Methods in Molecular Biology</i> , 2019, 2011, 633-645.	0.9	2

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73	Keeping complexity in mind. , 2021, , xi-xvi.		1
74	Hormones and allostasis in brain disease and repair. , 0, , 62-78.		0
75	Epigenetics in Posttraumatic Stress Disorder. , 2014, , 325-341.		0
76	Addendum to stress and the dynamic genome: Steroids, epigenetics, and the transposome. Communicative and Integrative Biology, 2015, 8, e1035847.	1.4	0
77	Stress, Transposons, and the Brain Epigenome. Epigenetics and Human Health, 2016, , 191-205.	0.2	0
78	Mammalian Genome Plasticity: Expression Analysis of Transposable Elements. Neuromethods, 2016, , 163-174.	0.3	0
79	Editorial: A brief overview of the 2018 Neurobiology of Stress Workshop. Neurobiology of Stress, 2019, 11, 100193.	4.0	0
80	From Exaptation to Adaptation: Stress, Transposons, and Functions of the Deep Genome. , 2021, , 119-124.		0
81	Epigenetics in posttraumatic stress disorder. , 2021, , 429-450.		0