

Stephen C Heinrichs

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

77
papers

4,628
citations

32
h-index

67
g-index

77
ext. papers

4,867
ext. citations

4.6
avg, IF

5.26
L-index

#	Paper	IF	Citations
77	A role for corticotropin releasing factor and urocortin in behavioral responses to stressors. <i>Brain Research</i> , 1999 , 848, 141-52	3.7	464
76	Microinjection of a corticotropin-releasing factor antagonist into the central nucleus of the amygdala reverses anxiogenic-like effects of ethanol withdrawal. <i>Brain Research</i> , 1993 , 605, 25-32	3.7	351
75	Corticotropin-releasing factor in brain: a role in activation, arousal, and affect regulation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004 , 311, 427-40	4.7	301
74	Corticotropin-releasing factor antagonist reduces emotionality in socially defeated rats via direct neurotropic action. <i>Brain Research</i> , 1992 , 581, 190-7	3.7	298
73	Effects of the dopamine D-1 antagonist SCH 23390 microinjected into the accumbens, amygdala or striatum on cocaine self-administration in the rat. <i>Brain Research</i> , 1995 , 692, 47-56	3.7	239
72	Displacement of corticotropin releasing factor from its binding protein as a possible treatment for Alzheimer's disease. <i>Nature</i> , 1995 , 378, 284-7	50.4	198
71	Corticotropin-releasing factor in the paraventricular nucleus modulates feeding induced by neuropeptide Y. <i>Brain Research</i> , 1993 , 611, 18-24	3.7	191
70	The role of CRF in behavioral aspects of stress. <i>Annals of the New York Academy of Sciences</i> , 1995 , 771, 92-104	6.5	138
69	Brain penetrance, receptor occupancy and antistress in vivo efficacy of a small molecule corticotropin releasing factor type I receptor selective antagonist. <i>Neuropsychopharmacology</i> , 2002 , 27, 194-202	8.7	134
68	Anti-stress action of a corticotropin-releasing factor antagonist on behavioral reactivity to stressors of varying type and intensity. <i>Neuropsychopharmacology</i> , 1994 , 11, 179-86	8.7	132
67	Time-dependent quantifiable withdrawal from ethanol in the rat: effect of method of dependence induction. <i>Alcohol</i> , 1996 , 13, 163-70	2.7	130
66	The role of CRH in behavioral responses to stress. <i>Peptides</i> , 2001 , 22, 713-24	3.8	121
65	Corticotropin releasing factor, stress and behavior. <i>Seminars in Neuroscience</i> , 1994 , 6, 221-229		116
64	Midgestational exposure of pregnant BALB/c mice to magnetic resonance imaging conditions. <i>Magnetic Resonance Imaging</i> , 1988 , 6, 305-13	3.3	103
63	Anti-sexual and anxiogenic behavioral consequences of corticotropin-releasing factor overexpression are centrally mediated. <i>Psychoneuroendocrinology</i> , 1997 , 22, 215-24	5	101
62	Endogenous corticotropin-releasing factor modulates feeding induced by neuropeptide Y or a tail-pinch stressor. <i>Peptides</i> , 1992 , 13, 879-84	3.8	82
61	Comparison of central administration of corticotropin-releasing hormone and urocortin on food intake, conditioned taste aversion, and c-Fos expression. <i>Peptides</i> , 2000 , 21, 345-51	3.8	78

60	The role of limbic and hypothalamic corticotropin-releasing factor in behavioral responses to stress. <i>Annals of the New York Academy of Sciences</i> , 1993 , 697, 142-54	6.5	76
59	Effects of chronic ethanol exposure on oral self-administration of ethanol or saccharin by Wistar rats. <i>Alcoholism: Clinical and Experimental Research</i> , 1996 , 20, 164-71	3.7	74
58	The role of corticotropin-releasing factor in behavioural responses to stress. <i>Novartis Foundation Symposium</i> , 1993 , 172, 277-89; discussion 290-5		74
57	Treatment of addiction and anxiety using extinction approaches: neural mechanisms and their treatment implications. <i>Pharmacology Biochemistry and Behavior</i> , 2011 , 97, 619-25	3.9	71
56	Functional impairment of hypothalamic corticotropin-releasing factor neurons with immunotargeted toxins enhances food intake induced by neuropeptide Y. <i>Brain Research</i> , 1993 , 618, 76-82	3.7	70
55	Dietary omega-3 fatty acid supplementation for optimizing neuronal structure and function. <i>Molecular Nutrition and Food Research</i> , 2010 , 54, 447-56	5.9	63
54	Pathophysiological Bases of Comorbidity: Traumatic Brain Injury and Post-Traumatic Stress Disorder. <i>Journal of Neurotrauma</i> , 2018 , 35, 210-225	5.4	50
53	Enhancement of performance in multiple learning tasks by corticotropin-releasing factor-binding protein ligand inhibitors. <i>Peptides</i> , 1997 , 18, 711-6	3.8	50
52	Improvement in motor and exploratory behavior in Rett syndrome mice with restricted ketogenic and standard diets. <i>Epilepsy and Behavior</i> , 2009 , 15, 133-41	3.2	46
51	Dendritic structural plasticity in the basolateral amygdala after fear conditioning and its extinction in mice. <i>Behavioural Brain Research</i> , 2013 , 248, 80-4	3.4	41
50	Both conditioned taste preference and aversion induced by corticotropin-releasing factor. <i>Pharmacology Biochemistry and Behavior</i> , 1991 , 40, 717-21	3.9	41
49	Corticotropin-releasing factor modulates dietary preference in nutritionally and physically stressed rats. <i>Psychopharmacology</i> , 1992 , 109, 177-84	4.7	38
48	Teratogenic effects of maternal antidepressant exposure on neural substrates of drug-seeking behavior in offspring. <i>Addiction Biology</i> , 2008 , 13, 52-62	4.6	37
47	Involvement of hypothalamic corticotropin-releasing factor neurons in behavioral responses to novelty in rats. <i>Neuroscience Letters</i> , 1994 , 168, 139-42	3.3	36
46	Application of experimental stressors in laboratory rodents. <i>Current Protocols in Neuroscience</i> , 2006 , Chapter 8, Unit8.4	2.7	32
45	Behavioral seizure correlates in animal models of epilepsy: a road map for assay selection, data interpretation, and the search for causal mechanisms. <i>Epilepsy and Behavior</i> , 2006 , 8, 5-38	3.2	32
44	The Corticotropin-Releasing Factor/Urocortin System and Alcohol. <i>Alcoholism: Clinical and Experimental Research</i> , 2002 , 26, 714-722	3.7	30
43	Seizure prophylaxis in an animal model of epilepsy by dietary fluoxetine supplementation. <i>Epilepsy Research</i> , 2007 , 74, 19-27	3	29

42	Neuropeptide Y-induced feeding and its control. <i>Vitamins and Hormones</i> , 1998 , 54, 51-66	2.5	29
41	Corticotropin-releasing factor (CRF) or CRF binding-protein ligand inhibitor administration suppresses food intake in mice and elevates body temperature in rats. <i>Brain Research</i> , 2001 , 900, 177-85 ³⁻⁷		28
40	Dissociation of arousal-like from anxiogenic-like actions of brain corticotropin-releasing factor receptor ligands in rats. <i>Behavioural Brain Research</i> , 2001 , 122, 43-50	3.4	28
39	Modulation of social learning in rats by brain corticotropin-releasing factor. <i>Brain Research</i> , 2003 , 994, 107-14	3.7	25
38	Therapeutic potential of CRF receptor antagonists: a gut-brain perspective. <i>Expert Opinion on Investigational Drugs</i> , 2001 , 10, 647-59	5.9	25
37	Olfactory self-selection of protein-containing foods. <i>Physiology and Behavior</i> , 1990 , 47, 409-13	3.5	25
36	Seizure susceptibility and locus ceruleus activation are reduced following environmental enrichment in an animal model of epilepsy. <i>Epilepsy and Behavior</i> , 2008 , 12, 30-8	3.2	23
35	Seizure-prone EL mice exhibit deficits in pup nursing and retrieval assessed using a novel method of maternal behavior phenotyping. <i>Epilepsy and Behavior</i> , 2003 , 4, 57-64	3.2	23
34	Acquisition of morphine conditioned place preference increases the dendritic complexity of nucleus accumbens core neurons. <i>Addiction Biology</i> , 2016 , 21, 1086-1096	4.6	22
33	Modification of place preference conditioning in mice by systemically administered [Leu]enkephalin. <i>Behavioural Brain Research</i> , 1986 , 22, 249-55	3.4	22
32	Antisocial and seizure susceptibility phenotypes in an animal model of epilepsy are normalized by impairment of brain corticotropin-releasing factor. <i>Epilepsy and Behavior</i> , 2007 , 10, 8-15	3.2	19
31	Repeated valproate treatment facilitates fear extinction under specific stimulus conditions. <i>Neuroscience Letters</i> , 2013 , 552, 108-13	3.3	17
30	Neurobehavioral consequences of stressor exposure in rodent models of epilepsy. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2010 , 34, 808-15	5.5	17
29	Seizure-prone EL/Suz mice exhibit physical and motor delays and heightened locomotor activity in response to novelty during development. <i>Epilepsy and Behavior</i> , 2005 , 6, 312-9	3.2	17
28	Mouse feeding behavior: ethology, regulatory mechanisms and utility for mutant phenotyping. <i>Behavioural Brain Research</i> , 2001 , 125, 81-8	3.4	17
27	Extinction of opiate reward reduces dendritic arborization and c-Fos expression in the nucleus accumbens core. <i>Behavioural Brain Research</i> , 2014 , 263, 51-9	3.4	16
26	Neural, endocrine and electroencephalographic hyperreactivity to human contact: a diathesis-stress model of seizure susceptibility in EL mice. <i>Brain Research</i> , 2007 , 1144, 248-56	3.7	16
25	Routine tail suspension husbandry facilitates onset of seizure susceptibility in EL mice. <i>Epilepsia</i> , 2006 , 47, 801-4	6.4	16

24	IRI-514, a synthetic peptide analogue of thymopentin, reduces the behavioral response to social stress in rats. <i>Physiology and Behavior</i> , 1996 , 60, 397-401	3.5	16
23	Quality of rearing guides expression of behavioral and neural seizure phenotypes in EL mice. <i>Brain Research</i> , 2009 , 1260, 84-93	3.7	15
22	Phenotyping the untouchables: environmental enhancement of behavioral and physiological activation in seizure-prone EL mice. <i>Epilepsy and Behavior</i> , 2005 , 6, 35-42	3.2	15
21	Corticotropin-releasing factor antagonists, binding-protein and receptors: implications for central nervous system disorders. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 1999 , 13, 541-54	6.5	15
20	Selective stimulatory actions of corticotropin-releasing factor ligands on correlates of energy balance. <i>Physiology and Behavior</i> , 2001 , 74, 5-13	3.5	14
19	Dopamine D1 receptor agonist treatment attenuates extinction of morphine conditioned place preference while increasing dendritic complexity in the nucleus accumbens core. <i>Behavioural Brain Research</i> , 2017 , 322, 18-28	3.4	13
18	Short-term social recognition memory deficit and atypical social and physiological stressor reactivity in seizure-susceptible EL mice. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2007 , 16, 59-68	3.2	13
17	Stress-axis, coping and dementia: gene-manipulation studies. <i>Trends in Pharmacological Sciences</i> , 1999 , 20, 311-5	13.2	12
16	Olfactory neophobia and seizure susceptibility phenotypes in an animal model of epilepsy are normalized by impairment of brain corticotropin releasing factor. <i>Epilepsia</i> , 2007 , 48, 827-33	6.4	11
15	Chapter 2. Recent Progress in Corticotropin-Releasing Factor Receptor Agents. <i>Annual Reports in Medicinal Chemistry</i> , 1999 , 34, 11-20	1.6	10
14	Non-specific effect of fear conditioning and specific effect of social defeat on social recognition memory performance in female rats. <i>Stress</i> , 2004 , 7, 63-72	3	9
13	Paternal care paradoxically increases offspring seizure susceptibility in the EL mouse model of epilepsy. <i>Epilepsy and Behavior</i> , 2008 , 12, 234-41	3.2	8
12	Nonexercise muscle tension and behavioral fidgeting are positively correlated with food availability/palatability and body weight in rats. <i>Physiology and Behavior</i> , 2003 , 79, 199-207	3.5	7
11	Neuronal depletion of omega-3 fatty acids induces flax seed dietary self-selection in the rat. <i>Brain Research</i> , 2009 , 1250, 113-9	3.7	6
10	Behavioral measures in animal studies: relevance to patients with epilepsy. <i>Epilepsy and Behavior</i> , 2008 , 12, 612-21	3.2	4
9	IRI-514, a synthetic peptide analogue of thymopentin, reduces the behavioral response to social stress in rats 1996 , 60, 397-397		3
8	Heightened muscle tension and diurnal hyper-vigilance following exposure to a social defeat-conditioned odor cue in rats. <i>Stress</i> , 2010 , 13, 106-13	3	2
7	Behavioral consequences of altered corticotropin-releasing factor activation in brain: a functionalist view of affective neuroscience. <i>Handbook of Behavioral Neuroscience</i> , 2005 , 155-177		2

- 6 Application of Experimental Stressors in Laboratory Rodents. *Current Protocols in Neuroscience*, **1997**, 00, 8.4.1-8.4.14 2.7 1
- 5 Enhancement of learning and memory performance **2007**, 541-574
- 4 Corticotropin-Releasing Factor in Brain: Executive Gating of Neuroendocrine and Functional Outflow **2001**, 125-137
- 3 Peptide and steroid hormone receptors as drug targets for enhancement of learning and memory performance **2004**, 115-149
- 2 Heightened Muscle Tension in Rodent Model of PTSD **2015**, 1-12
- 1 Heightened Muscle Tension in Rodent Model of PTSD **2016**, 1573-1586