

# Stephen C Heinrichs

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6412941/publications.pdf>

Version: 2024-02-01

76  
papers

5,178  
citations

126858

33  
h-index

85498

71  
g-index

77  
all docs

77  
docs citations

77  
times ranked

3530  
citing authors

#	ARTICLE	IF	CITATIONS
1	A role for corticotropin releasing factor and urocortin in behavioral responses to stressors. Brain Research, 1999, 848, 141-152.	1.1	498
2	Microinjection of a corticotropin-releasing factor antagonist into the central nucleus of the amygdala reverses anxiogenic-like effects of ethanol withdrawal. Brain Research, 1993, 605, 25-32.	1.1	393
3	Corticotropin-Releasing Factor in Brain: A Role in Activation, Arousal, and Affect Regulation. Journal of Pharmacology and Experimental Therapeutics, 2004, 311, 427-440.	1.3	329
4	Corticotropin-releasing factor antagonist reduces emotionality in socially defeated rats via direct neurotropic action. Brain Research, 1992, 581, 190-197.	1.1	313
5	Effects of the dopamine D-1 antagonist SCH 23390 microinjected into the accumbens, amygdala or striatum on cocaine self-administration in the rat. Brain Research, 1995, 692, 47-56.	1.1	264
6	Displacement of corticotropin releasing factor from its binding protein as a possible treatment for Alzheimer's disease. Nature, 1995, 378, 284-287.	13.7	222
7	Corticotropin-releasing factor in the paraventricular nucleus modulates feeding induced by neuropeptide Y. Brain Research, 1993, 611, 18-24.	1.1	200
8	The Role of CRF in Behavioral Aspects of Stress. Annals of the New York Academy of Sciences, 1995, 771, 92-104.	1.8	150
9	Time-dependent quantifiable withdrawal from ethanol in the rat: Effect of method of dependence induction. Alcohol, 1996, 13, 163-170.	0.8	150
10	Brain Penetration, Receptor Occupancy and Antistress In Vivo Efficacy of a Small Molecule Corticotropin Releasing Factor Type I Receptor Selective Antagonist. Neuropsychopharmacology, 2002, 27, 194-202.	2.8	144
11	Anti-Stress Action of a Corticotropin-Releasing Factor Antagonist on Behavioral Reactivity to Stressors of Varying Type and Intensity. Neuropsychopharmacology, 1994, 11, 179-186.	2.8	139
12	Corticotropin releasing factor, stress and behavior. Seminars in Neuroscience, 1994, 6, 221-229.	2.3	136
13	The role of CRH in behavioral responses to stress. Peptides, 2001, 22, 713-724.	1.2	133
14	Midgestational exposure of pregnant mice to magnetic resonance imaging conditions. Magnetic Resonance Imaging, 1988, 6, 305-313.	1.0	124
15	The Role of Corticotropin-Releasing Factor in Behavioural Responses to Stress. Novartis Foundation Symposium, 1993, 172, 277-295.	1.2	117
16	Anti-sexual and anxiogenic behavioral consequences of corticotropin-releasing factor overexpression are centrally mediated. Psychoneuroendocrinology, 1997, 22, 215-224.	1.3	108
17	Pathophysiological Bases of Comorbidity: Traumatic Brain Injury and Post-Traumatic Stress Disorder. Journal of Neurotrauma, 2018, 35, 210-225.	1.7	91
18	Endogenous corticotropin-releasing factor modulates feeding induced by neuropeptide Y or a tail-pinch stressor. Peptides, 1992, 13, 879-884.	1.2	85

#	ARTICLE	IF	CITATIONS
19	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, 142-154.	1.8	85
20	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, 164-171.	1.4	82
21	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, 345-351.	1.2	82
22	Treatment of addiction and anxiety using extinction approaches: Neural mechanisms and their treatment implications. <i>Pharmacology Biochemistry and Behavior</i> , 2011, 97, 619-625.	1.3	82
23	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.	1.1	72
24	Dietary $\omega$ -3 fatty acid supplementation for optimizing neuronal structure and function. <i>Molecular Nutrition and Food Research</i> , 2010, 54, 447-456.	1.5	69
25	Improvement in motor and exploratory behavior in Rett syndrome mice with restricted ketogenic and standard diets. <i>Epilepsy and Behavior</i> , 2009, 15, 133-141.	0.9	58
26	Enhancement of Performance in Multiple Learning Tasks by Corticotropin-Releasing Factor-Binding Protein Ligand Inhibitors. <i>Peptides</i> , 1997, 18, 711-716.	1.2	52
27	Both conditioned taste preference and aversion induced by corticotropin-releasing factor. <i>Pharmacology Biochemistry and Behavior</i> , 1991, 40, 717-721.	1.3	45
28	Corticotropin-releasing factor modulates dietary preference in nutritionally and physically stressed rats. <i>Psychopharmacology</i> , 1992, 109, 177-184.	1.5	44
29	Dendritic structural plasticity in the basolateral amygdala after fear conditioning and its extinction in mice. <i>Behavioural Brain Research</i> , 2013, 248, 80-84.	1.2	44
30	Teratogenic effects of maternal antidepressant exposure on neural substrates of drug-seeking behavior in offspring. <i>Addiction Biology</i> , 2008, 13, 52-62.	1.4	41
31	Involvement of hypothalamic corticotropin-releasing factor neurons in behavioral responses to novelty in rats. <i>Neuroscience Letters</i> , 1994, 168, 139-142.	1.0	38
32	Application of Experimental Stressors in Laboratory Rodents. <i>Current Protocols in Neuroscience</i> , 2006, 34, Unit8.4.	2.6	37
33	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.	0.9	36
34	Acquisition of morphine conditioned place preference increases the dendritic complexity of nucleus accumbens core neurons. <i>Addiction Biology</i> , 2016, 21, 1086-1096.	1.4	34
35	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, 177-185.	1.1	33
36	The Corticotropin-Releasing Factor/Urocortin System and Alcohol. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 714-722.	1.4	33

#	ARTICLE	IF	CITATIONS
37	Seizure prophylaxis in an animal model of epilepsy by dietary fluoxetine supplementation. <i>Epilepsy Research</i> , 2007, 74, 19-27.	0.8	33
38	Neuropeptide Y-Induced Feeding and Its Control. <i>Vitamins and Hormones</i> , 1998, 54, 51-66.	0.7	32
39	Therapeutic potential of CRF receptor antagonists: a gut-brain perspective. <i>Expert Opinion on Investigational Drugs</i> , 2001, 10, 647-659.	1.9	32
40	Modulation of social learning in rats by brain corticotropin-releasing factor. <i>Brain Research</i> , 2003, 994, 107-114.	1.1	30
41	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.	1.2	29
42	Olfactory self-selection of protein-containing foods. <i>Physiology and Behavior</i> , 1990, 47, 409-413.	1.0	27
43	Seizure susceptibility and locus ceruleus activation are reduced following environmental enrichment in an animal model of epilepsy. <i>Epilepsy and Behavior</i> , 2008, 12, 30-38.	0.9	26
44	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.	0.9	25
45	Modification of place preference conditioning in mice by systemically administered [Leu]enkephalin. <i>Behavioural Brain Research</i> , 1986, 22, 249-255.	1.2	24
46	Repeated valproate treatment facilitates fear extinction under specific stimulus conditions. <i>Neuroscience Letters</i> , 2013, 552, 108-113.	1.0	24
47	Neurobehavioral consequences of stressor exposure in rodent models of epilepsy. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2010, 34, 808-815.	2.5	21
48	Extinction of opiate reward reduces dendritic arborization and c-Fos expression in the nucleus accumbens core. <i>Behavioural Brain Research</i> , 2014, 263, 51-59.	1.2	20
49	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, 541-554.	2.2	19
50	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, 312-319.	0.9	19
51	Routine Tail Suspension Husbandry Facilitates Onset of Seizure Susceptibility in EL Mice. <i>Epilepsia</i> , 2006, 47, 801-804.	2.6	19
52	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.	0.9	19
53	Mouse feeding behavior: ethology, regulatory mechanisms and utility for mutant phenotyping. <i>Behavioural Brain Research</i> , 2001, 125, 81-88.	1.2	18
54	Neural, endocrine and electroencephalographic hyperreactivity to human contact: A diathesis-stress model of seizure susceptibility in EL mice. <i>Brain Research</i> , 2007, 1144, 248-256.	1.1	18

#	ARTICLE	IF	CITATIONS
55	Quality of rearing guides expression of behavioral and neural seizure phenotypes in EL mice. <i>Brain Research</i> , 2009, 1260, 84-93.	1.1	18
56	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.	1.0	17
57	Phenotyping the untouchables: environmental enhancement of behavioral and physiological activation in seizure-prone El mice. <i>Epilepsy and Behavior</i> , 2005, 6, 35-42.	0.9	16
58	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.	0.9	15
59	Stress-axis, coping and dementia: gene-manipulation studies. <i>Trends in Pharmacological Sciences</i> , 1999, 20, 311-315.	4.0	14
60	Selective stimulatory actions of corticotropin-releasing factor ligands on correlates of energy balance. <i>Physiology and Behavior</i> , 2001, 74, 5-13.	1.0	14
61	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.	1.2	14
62	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, 827-833.	2.6	11
63	Chapter 2. Recent Progress in Corticotropin-Releasing Factor Receptor Agents. <i>Annual Reports in Medicinal Chemistry</i> , 1999, 34, 11-20.	0.5	10
64	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.	0.8	9
65	Paternal care paradoxically increases offspring seizure susceptibility in the El mouse model of epilepsy. <i>Epilepsy and Behavior</i> , 2008, 12, 234-241.	0.9	9
66	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.	1.0	8
67	Neuronal depletion of omega-3 fatty acids induces flax seed dietary self-selection in the rat. <i>Brain Research</i> , 2009, 1250, 113-119.	1.1	8
68	Behavioral measures in animal studies: Relevance to patients with epilepsy. <i>Epilepsy and Behavior</i> , 2008, 12, 612-621.	0.9	5
69	Heightened muscle tension and diurnal hyper-vigilance following exposure to a social defeat-conditioned odor cue in rats. <i>Stress</i> , 2010, 13, 106-113.	0.8	3
70	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.	1.0	3
71	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.	0.0	2
72	Application of Experimental Stressors in Laboratory Rodents. <i>Current Protocols in Neuroscience</i> , 1997, 00, 8.4.1-8.4.14.	2.6	1

#	ARTICLE	IF	CITATIONS
73	Peptide and steroid hormone receptors as drug targets for enhancement of learning and memory performance. , 2004, , 115-149.		1
74	Enhancement of learning and memory performance. , 2007, , 541-574.		0
75	Heightened Muscle Tension in Rodent Model of PTSD. , 2015, , 1-12.		0
76	Heightened Muscle Tension in Rodent Model of PTSD. , 2016, , 1573-1586.		0