

Stephen Kent

List of Publications by Year in descending order

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82
papers

3,315
citations

185998

28
h-index

149479

56
g-index

82
all docs

82
docs citations

82
times ranked

3356
citing authors

#	ARTICLE	IF	CITATIONS
1	Sickness behavior as a new target for drug development. Trends in Pharmacological Sciences, 1992, 13, 24-28.	4.0	766
2	The viral mimic, polyinosinic:polycytidylic acid, induces fever in rats via an interleukin-1-dependent mechanism. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2004, 287, R759-R766.	0.9	264
3	Lipopolysaccharide and Interleukin-1 Depress Food-Motivated Behavior in Mice by a Vagal-Mediated Mechanism. Brain, Behavior, and Immunity, 1995, 9, 242-246.	2.0	205
4	Do workplace-based mindfulness meditation programs improve physiological indices of stress? A systematic review and meta-analysis. Journal of Psychosomatic Research, 2018, 114, 62-71.	1.2	139
5	Fever and sickness behavior: Friend or foe?. Brain, Behavior, and Immunity, 2015, 50, 322-333.	2.0	110
6	A systematic review and meta-analysis of the effort-reward imbalance model of workplace stress with indicators of immune function. Journal of Psychosomatic Research, 2016, 91, 1-8.	1.2	85
7	Reduction in food and water intake induced by microinjection of interleukin-1 β in the ventromedial hypothalamus of the rat. Physiology and Behavior, 1994, 56, 1031-1036.	1.0	84
8	Interactions between body temperature and wheel running over the estrous cycle in rats. Physiology and Behavior, 1991, 49, 1079-1084.	1.0	75
9	Effects of adult-onset calorie restriction on anxiety-like behavior in rats. Physiology and Behavior, 2007, 92, 889-896.	1.0	70
10	Effects of lipopolysaccharide on food-motivated behavior in the rat are not blocked by an interleukin-1 receptor antagonist. Neuroscience Letters, 1992, 145, 83-86.	1.0	62
11	Calorie restriction attenuates LPS-induced sickness behavior and shifts hypothalamic signaling pathways to an anti-inflammatory bias. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 301, R172-R184.	0.9	60
12	Depression following acute coronary syndromes: A comparison between the Cardiac Depression Scale and the Beck Depression Inventory II. Journal of Psychosomatic Research, 2006, 60, 13-20.	1.2	59
13	Behavioral Effects of Cytokines: An Insight into Mechanisms of Sickness Behavior. Methods in Neurosciences, 1993, , 130-150.	0.5	58
14	Does melatonin modulate beta-endorphin, corticosterone, and pain threshold?. Life Sciences, 2000, 66, 467-476.	2.0	58
15	Calorie restriction at increasing levels leads to augmented concentrations of corticosterone and decreasing concentrations of testosterone in rats. Nutrition Research, 2010, 30, 366-373.	1.3	56
16	Calorie restriction attenuates lipopolysaccharide (LPS)-induced microglial activation in discrete regions of the hypothalamus and the subfornical organ. Brain, Behavior, and Immunity, 2014, 38, 13-24.	2.0	54
17	Anxiety-like behaviour in adult rats perinatally exposed to maternal calorie restriction. Behavioural Brain Research, 2008, 191, 164-172.	1.2	52
18	Phentolamine and thermoregulation in rats. Pharmacology Biochemistry and Behavior, 1991, 40, 709-716.	1.3	50

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19	Impact of water temperature and stressor controllability on swim stress-induced changes in body temperature, serum corticosterone, and immobility in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2005, 82, 397-403.	1.3	47
20	Calorie restriction dose-dependently abates lipopolysaccharide-induced fever, sickness behavior, and circulating interleukin-6 while increasing corticosterone. <i>Brain, Behavior, and Immunity</i> , 2014, 40, 18-26.	2.0	47
21	Systemic Capsaicin Pretreatment Fails to Block the Decrease in Food-Motivated Behavior Induced by Lipopolysaccharide and Interleukin-1 β . <i>Brain Research Bulletin</i> , 1997, 42, 443-449.	1.4	46
22	Psychosocial predictors of irritable bowel syndrome diagnosis and symptom severity. <i>Journal of Psychosomatic Research</i> , 2013, 75, 467-474.	1.2	40
23	The role of CCK2 receptors in energy homeostasis: insights from the CCK2 receptor-deficient mouse. <i>Physiology and Behavior</i> , 2004, 82, 471-476.	1.0	37
24	Cytokine Actions on Behavior. <i>Neuroscience Intelligence Unit</i> , 1996, , 117-144.	0.5	37
25	Effects of excitatory amino acids on the hypothalamic-pituitary-adrenal axis of the neonatal rat. <i>Developmental Brain Research</i> , 1996, 94, 1-13.	2.1	36
26	Fever alters characteristics of sleep in rats. <i>Physiology and Behavior</i> , 1988, 44, 709-715.	1.0	35
27	Stress resilience and vulnerability: The association with rearing conditions, endocrine function, immunology, and anxious behavior. <i>Psychoneuroendocrinology</i> , 2011, 36, 1383-1395.	1.3	34
28	Alterations in male sexual behaviour, attractiveness and testosterone levels induced by an adult-onset calorie restriction regimen. <i>Behavioural Brain Research</i> , 2008, 190, 140-146.	1.2	30
29	An online mindfulness-based program is effective in improving affect, over-commitment, optimism and mucosal immunity. <i>Physiology and Behavior</i> , 2019, 199, 20-27.	1.0	28
30	A behaviorally active dose of lipopolysaccharide increases sensory neuropeptides levels in mouse spinal cord. <i>Neuroscience Letters</i> , 1994, 173, 205-209.	1.0	26
31	Diet, behavior and immunity across the lifespan. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 58, 46-62.	2.9	26
32	Calorie restriction increases lipopolysaccharide-induced neuropeptide Y immunolabeling and reduces microglial cell area in the arcuate hypothalamic nucleus. <i>Neuroscience</i> , 2015, 285, 236-247.	1.1	26
33	Elevated body temperature in female rats after exercise. <i>Medicine and Science in Sports and Exercise</i> , 1991, 23, 1250-1253.	0.2	24
34	Is the CCK2 receptor essential for normal regulation of body weight and adiposity?. <i>European Journal of Neuroscience</i> , 2006, 24, 1427-1433.	1.2	24
35	Influence of ambient temperature on sleep and body temperature after phentolamine in rats. <i>Brain Research</i> , 1990, 511, 227-233.	1.1	23
36	Lipopolysaccharide induces memory-processing deficits in day-old chicks. <i>Pharmacology Biochemistry and Behavior</i> , 2001, 68, 497-502.	1.3	22

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37	Anxiogenic drug administration and elevated plus-maze exposure in rats activate populations of relaxin-3 neurons in the nucleus incertus and serotonergic neurons in the dorsal raphe nucleus. <i>Neuroscience</i> , 2015, 303, 270-284.	1.1	22
38	A Cardiac Depression Visual Analogue Scale for the brief and rapid assessment of depression following acute coronary syndromes. <i>Journal of Psychosomatic Research</i> , 2005, 59, 223-229.	1.2	20
39	Irritable bowel syndrome and symptom severity: Evidence of negative attention bias, diminished vigour, and autonomic dysregulation. <i>Journal of Psychosomatic Research</i> , 2014, 77, 13-19.	1.2	18
40	The effect of lipopolysaccharide on cholecystokinin in murine plasma and tissue. <i>Peptides</i> , 2005, 26, 447-455.	1.2	17
41	Endocrine and immunological correlates of behaviorally identified swim stress resilient and vulnerable rats. <i>Brain, Behavior, and Immunity</i> , 2006, 20, 488-497.	2.0	17
42	The role of coping, anxiety, and stress in depression post-acute coronary syndrome. <i>Psychology, Health and Medicine</i> , 2007, 12, 460-469.	1.3	17
43	Suppression of endotoxin-induced fever in near-term pregnant rats is mediated by brain nitric oxide. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 292, R2174-R2178.	0.9	16
44	Calorie restricted rats do not increase metabolic rate post-LPS, but do seek out warmer ambient temperatures to behaviourally induce a fever. <i>Physiology and Behavior</i> , 2012, 107, 762-772.	1.0	16
45	Resilience in shock and swim stress models of depression. <i>Frontiers in Behavioral Neuroscience</i> , 2013, 7, 14.	1.0	16
46	Exposure to Acute and Chronic Fluoxetine has Differential Effects on Sociability and Activity of Serotonergic Neurons in the Dorsal Raphe Nucleus of Juvenile Male BALB/c Mice. <i>Neuroscience</i> , 2018, 386, 1-15.	1.1	16
47	The Legacy of Sickness Behaviors. <i>Frontiers in Psychiatry</i> , 2020, 11, 607269.	1.3	16
48	CCK2 receptor nullification attenuates lipopolysaccharide-induced sickness behavior. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 292, R112-R123.	0.9	15
49	Effect of Interleukin-1 β on Pituitary-Adrenal Responses and Body Weight in Neonatal Rats: Interaction with Maternal Deprivation. <i>Stress</i> , 1997, 1, 213-229.	0.8	14
50	HPA and sympathoadrenal activity of adult rats perinatally exposed to maternal mild calorie restriction. <i>Behavioural Brain Research</i> , 2010, 208, 202-208.	1.2	14
51	Behavioural effects of cytokines. , 1992, , 135-150.		14
52	Metabotropic glutamate receptors mediate lipopolysaccharide-induced fever and sickness behavior. <i>Brain, Behavior, and Immunity</i> , 2006, 20, 233-245.	2.0	13
53	Environmental and immune stressors enhance alcohol-induced motor ataxia in rat. <i>Pharmacology Biochemistry and Behavior</i> , 2007, 86, 125-131.	1.3	12
54	The social behavior of male rats administered an adult-onset calorie restriction regimen. <i>Physiology and Behavior</i> , 2009, 96, 581-585.	1.0	12

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55	Circadian rhythms of body temperature and drinking and responses to thermal challenge in rats after PCPA. <i>Pharmacology Biochemistry and Behavior</i> , 1991, 38, 253-257.	1.3	11
56	Lipopolysaccharide induces biochemical alterations in chicks trained on the passive avoidance learning task. <i>Physiology and Behavior</i> , 2003, 78, 679-688.	1.0	11
57	Social approach, anxiety, and altered tryptophan hydroxylase 2 activity in juvenile BALB/c and C57BL/6J mice. <i>Behavioural Brain Research</i> , 2019, 359, 918-926.	1.2	11
58	A biopsychosocial model for depressive symptoms following acute coronary syndromes. <i>Psychology and Health</i> , 2010, 25, 1061-1075.	1.2	10
59	Investigating the JD-R occupational stress model with Australian direct-care workers: A focus group approach. <i>Health and Social Care in the Community</i> , 2018, 26, 751-758.	0.7	10
60	Decreases in REM sleep after phentolamine depend on the ambient temperature. <i>Brain Research</i> , 1987, 415, 169-171.	1.1	9
61	Polyinosinic:polycytidylic acid induces memory processing deficits in the day-old chick. <i>Behavioural Pharmacology</i> , 2007, 18, 19-27.	0.8	9
62	Testosterone, social and sexual behavior of perinatally and lifelong calorie restricted offspring. <i>Physiology and Behavior</i> , 2008, 94, 516-522.	1.0	9
63	Involvement of Serotonergic and Relaxin-3 Neuropeptide Systems in the Expression of Anxiety-like Behavior. <i>Neuroscience</i> , 2018, 390, 88-103.	1.1	9
64	Trait mindfulness and the Effort-Reward Imbalance workplace stress model: Higher trait mindfulness is associated with increased salivary immunoglobulin A. <i>Behavioural Brain Research</i> , 2020, 377, 112252.	1.2	7
65	Involvement of dorsal raphe nucleus serotonergic systems in social approach-avoidance behaviour and in the response to fluoxetine treatment in peri-adolescent female BALB/c mice. <i>Behavioural Brain Research</i> , 2021, 408, 113268.	1.2	7
66	Central nitric oxide synthase inhibition restores behaviorally mediated lipopolysaccharide induced fever in near-term rats. <i>Physiology and Behavior</i> , 2008, 94, 630-634.	1.0	6
67	The effects of calorie restriction olfactory cues on conspecific anxiety-like behaviour. <i>Behavioural Brain Research</i> , 2009, 201, 305-310.	1.2	6
68	The course of depression 10-weeks post-acute coronary syndrome: Assessment using the cardiac depression visual analogue scale. <i>Psychology, Health and Medicine</i> , 2008, 13, 483-493.	1.3	5
69	Central nervous system control of sickness behavior. , 1994, , 152-182.		3
70	Cytokines and sickness behaviour. <i>European Neuropsychopharmacology</i> , 1991, 1, 377-379.	0.3	2
71	The Relationships between Phase and Period Responses to Light Pulses. <i>Biological Rhythm Research</i> , 2002, 33, 303-317.	0.4	2
72	Introduction to the special issue from the 2014 meeting of the International Behavioral Neuroscience Society. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 58, 1-3.	2.9	2

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73	Empathy and job resources buffer the effect of higher job demands on increased salivary alpha amylase awakening responses in direct-care workers. <i>Behavioural Brain Research</i> , 2020, 394, 112826.	1.2	2
74	An emotional link between sickness and depression. <i>Brain, Behavior, and Immunity</i> , 2006, 20, 515-516.	2.0	1
75	Coping in an intermittent swim stress paradigm compromises natural killer cell activity in rats. <i>Behavioural Brain Research</i> , 2012, 227, 291-294.	1.2	1
76	The suitability and utility of the pain and movement reasoning model for physiotherapy: A qualitative study. <i>Physiotherapy Theory and Practice</i> , 2022, 38, 2757-2770.	0.6	1
77	Acute treatment with 5-hydroxytryptophan increases social approach behaviour but does not activate serotonergic neurons in the dorsal raphe nucleus in juvenile male BALB/c mice: A model of human disorders with deficits of sociability. <i>Journal of Psychopharmacology</i> , 2022, , 026988112210890.	2.0	1
78	THE EFFECT OF REPEATED PULSES OF LIGHT AT THE SAME TIME ON PERIOD RESPONSES OF THE RAT CIRCADIAN PACEMAKER. <i>Chronobiology International</i> , 2001, 18, 187-201.	0.9	0
79	Evelyn Satinoff (1937-2008).. <i>American Psychologist</i> , 2009, 64, 154-154.	3.8	0
80	Dispatches from the International Behavioral Neuroscience Society meeting 2014. <i>Behavioural Brain Research</i> , 2015, 295, 1-2.	1.2	0
81	How hot is it Down Under?. <i>Temperature</i> , 2016, 3, 355-357.	1.7	0
82	Introduction to the special issue from the 2015 meeting of the International Behavioral Neuroscience Society. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 76, 185-186.	2.9	0