

William W Blessing

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.

49
papers

1,199
citations

24
h-index

33
g-index

80
ext. papers

1,262
ext. citations

3.7
avg, IF

4.51
L-index

#	Paper	IF	Citations
49	Brown adipose tissue thermogenesis heats brain and body as part of the brain-coordinated ultradian basic rest-activity cycle. <i>Neuroscience</i> , 2009 , 164, 849-61	3.9	74
48	Inhibition of rostral medullary raphe neurons prevents cold-induced activity in sympathetic nerves to rat tail and rabbit ear arteries. <i>Neuroscience Letters</i> , 2004 , 357, 58-62	3.3	71
47	Activation of 5-HT1A receptors in the medullary raphe reduces cardiovascular changes elicited by acute psychological and inflammatory stresses in rabbits. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005 , 289, R596-R604	3.2	59
46	Raphe region mediates changes in cutaneous vascular tone elicited by stimulation of amygdala and hypothalamus in rabbits. <i>Brain Research</i> , 2001 , 891, 130-7	3.7	48
45	Thermogenesis in brown adipose tissue: increase by 5-HT2A receptor activation and decrease by 5-HT1A receptor activation in conscious rats. <i>Neuroscience Letters</i> , 2006 , 395, 170-4	3.3	46
44	Fever response to intravenous prostaglandin E2 is mediated by the brain but does not require afferent vagal signaling. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008 , 294, R1294-303	3.2	45
43	Heating and eating: brown adipose tissue thermogenesis precedes food ingestion as part of the ultradian basic rest-activity cycle in rats. <i>Physiology and Behavior</i> , 2012 , 105, 966-74	3.5	44
42	5-Hydroxytryptamine 1A receptors inhibit cold-induced sympathetically mediated cutaneous vasoconstriction in rabbits. <i>Journal of Physiology</i> , 2003 , 552, 303-14	3.9	44
41	Clozapine reverses increased brown adipose tissue thermogenesis induced by 3,4-methylenedioxymethamphetamine and by cold exposure in conscious rats. <i>Neuroscience</i> , 2006 , 141, 2067-73	3.9	42
40	Selective blockade of 5-HT2A receptors attenuates the increased temperature response in brown adipose tissue to restraint stress in rats. <i>Stress</i> , 2008 , 11, 125-33	3	41
39	Spinal 5-HT2A receptors regulate cutaneous sympathetic vasomotor outflow in rabbits and rats; relevance for cutaneous vasoconstriction elicited by MDMA (3,4-methylenedioxymethamphetamine, "Ecstasy") and its reversal by clozapine. <i>Brain Research</i> , 2007 , 1171, 21-31	3.7	40
38	Activation of slowly conducting medullary raphe-spinal neurons, including serotonergic neurons, increases cutaneous sympathetic vasomotor discharge in rabbit. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005 , 288, R909-18	3.2	34
37	Brown adipose tissue thermogenesis contributes to emotional hyperthermia in a resident rat suddenly confronted with an intruder rat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014 , 306, R394-400	3.2	33
36	Inhibition of medullary raphe parapyramidal neurons prevents cutaneous vasoconstriction elicited by alerting stimuli and by cold exposure in conscious rabbits. <i>Brain Research</i> , 2005 , 1051, 189-93	3.7	33
35	Activation of 5-HT1A receptors in rostral medullary raphe inhibits cutaneous vasoconstriction elicited by cold exposure in rabbits. <i>Brain Research</i> , 2006 , 1073-1074, 252-61	3.7	32
34	Dopamine D2 receptor stimulation inhibits cold-initiated thermogenesis in brown adipose tissue in conscious rats. <i>Neuroscience</i> , 2007 , 147, 127-35	3.9	32
33	Control of the Cutaneous Circulation by the Central Nervous System. <i>Comprehensive Physiology</i> , 2016 , 6, 1161-97	7.7	28

32	Timing of activities of daily life is jaggy: How episodic ultradian changes in body and brain temperature are integrated into this process. <i>Temperature</i> , 2016 , 3, 371-383	5.2	28
31	Neurons in amygdala mediate ear pinna vasoconstriction elicited by unconditioned salient stimuli in conscious rabbits. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2001 , 87, 236-42	2.4	27
30	When administered to rats in a cold environment, 3,4-methylenedioxyamphetamine reduces brown adipose tissue thermogenesis and increases tail blood flow: effects of pretreatment with 5-HT1A and dopamine D2 antagonists. <i>Neuroscience</i> , 2008 , 154, 1619-26	3.9	26
29	Subpopulations of sympathetic neurons project to specific vascular targets in the pinna of the rabbit ear. <i>Journal of Comparative Neurology</i> , 1999 , 412, 147-160	3.4	26
28	Serotonin-synthesizing neurons in the rostral medullary raphe/parapyramidal region transneuronally labelled after injection of pseudorabies virus into the rat tail. <i>Neurochemical Research</i> , 2006 , 31, 277-86	4.6	25
27	Reduced brown adipose tissue thermogenesis during environmental interactions in transgenic rats with ataxin-3-mediated ablation of hypothalamic orexin neurons. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014 , 307, R978-89	3.2	24
26	Brown adipose tissue thermogenesis, the basic rest-activity cycle, meal initiation, and bodily homeostasis in rats. <i>Physiology and Behavior</i> , 2013 , 121, 61-9	3.5	24
25	Sympathetic cutaneous vasomotor alerting responses (SCVARs) are associated with hippocampal theta rhythm in non-moving conscious rats. <i>Brain Research</i> , 2009 , 1298, 123-30	3.7	24
24	SR59230A, a beta-3 adrenoceptor antagonist, inhibits ultradian brown adipose tissue thermogenesis and interrupts associated episodic brain and body heating. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011 , 301, R987-94	3.2	23
23	Ventricular arrhythmias triggered by alerting stimuli in conscious rabbits pre-treated with dofetilide. <i>Basic Research in Cardiology</i> , 2004 , 99, 142-51	11.8	22
22	Clozapine increases cutaneous blood flow and reduces sympathetic cutaneous vasomotor alerting responses (SCVARs) in rats: comparison with effects of haloperidol. <i>Psychopharmacology</i> , 2005 , 181, 518-28	4.7	21
21	Potential role of medullary raphe-spinal neurons in cutaneous vasoconstriction: an in vivo electrophysiological study. <i>Journal of Neurophysiology</i> , 2002 , 87, 901-11	3.2	19
20	Parasympathetic innervation of cephalic arteries in rabbits: comparison with sympathetic and sensory innervation. <i>Journal of Comparative Neurology</i> , 1997 , 389, 484-95	3.4	18
19	Synchronous changes in ear and tail blood flow following salient and noxious stimuli in rabbits. <i>Brain Research</i> , 1999 , 847, 343-6	3.7	18
18	Tropical spastic paraparesis in an aborigine. <i>Medical Journal of Australia</i> , 1993 , 159, 28-9	4	18
17	Inactivation of neuronal function in the amygdaloid region reduces tail artery blood flow alerting responses in conscious rats. <i>Neuroscience</i> , 2013 , 228, 13-22	3.9	16
16	Lateral habenula regulation of emotional hyperthermia: mediation via the medullary raphe	4.9	14
15	Activation of dopamine D2 receptors in the CNS inhibits sympathetic cutaneous vasomotor alerting responses (SCVARs), contributing to clozapine's SCVAR-inhibiting action. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007 , 31, 328-36	5.5	13

14	Attenuated cold defense responses in orexin neuron-ablated rats. <i>Temperature</i> , 2016 , 3, 465-475	5.2	11
13	Clozapine and olanzapine, but not haloperidol, reverse cold-induced and lipopolysaccharide-induced cutaneous vasoconstriction. <i>Psychopharmacology</i> , 2004 , 175, 487-93	4.7	8
12	Clozapine, chlorpromazine and risperidone dose-dependently reduce emotional hyperthermia, a biological marker of salience. <i>Psychopharmacology</i> , 2017 , 234, 3259-3269	4.7	7
11	Central Nervous System Regulation of Body Temperature 2011 , 324-344		7
10	Atypical antipsychotics cause an acute increase in cutaneous hand blood flow in patients with schizophrenia and schizoaffective disorder. <i>Australian and New Zealand Journal of Psychiatry</i> , 2011 , 45, 646-53	2.6	6
9	Locus coeruleus noradrenergic innervation of the amygdala facilitates alerting-induced constriction of the rat tail artery. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016 , 310, R1109-19	3.2	6
8	Brown adipose tissue thermogenesis precedes food intake in genetically obese Zucker (fa/fa) rats. <i>Physiology and Behavior</i> , 2013 , 118, 129-37	3.5	5
7	Activating dopamine D2 receptors reduces brown adipose tissue thermogenesis induced by psychological stress and by activation of the lateral habenula. <i>Scientific Reports</i> , 2019 , 9, 19512	4.9	5
6	Thermoregulation and the ultradian basic rest-activity cycle. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2018 , 156, 367-375	3	5
5	Neurons in ventral tegmental area tonically inhibit sympathetic outflow to brown adipose tissue: possible mediation of thermogenic signals from lateral habenula. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019 , 316, R6-R12	3.2	3
4	Alpha-adrenergic receptor agonists prevent emotional hyperthermia. <i>Brain Research</i> , 2020 , 1732, 146678.7	3.7	1
3	Ultradian Episodes of Thermogenesis in Mammals: Implications for the Timing of Torpor Entry and Arousal 2012 , 219-229		1
2	JL13, a clozapine-like potential antipsychotic agent, reduces sympathetic cutaneous vasomotor alerting responses (SCVARs) in rats, but the drug is less potent than clozapine. <i>FASEB Journal</i> , 2008 , 22, 653.4	0.9	
1	Bursts of brown adipose tissue (BAT) metabolism underlie periodic fluctuations in body temperature (T _b) in rats: a newly discovered ultradian rhythm. <i>FASEB Journal</i> , 2008 , 22, 956.4	0.9	