William W Blessing

List of Publications by Year in Descending Order

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	Alpha-adrenergic receptor agonists prevent emotional hyperthermia. *Brain Research*, **2020**, 1732, 146678	3.7	1
48	Activating dopamine D2 receptors reduces brown adipose tissue thermogenesis induced by psychological stress and by activation of the lateral habenula. *Scientific Reports*, **2019**, 9, 19512	4.9	5
47	Neurons in ventral tegmental area tonically inhibit sympathetic outflow to brown adipose tissue: possible mediation of thermogenic signals from lateral habenula. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2019**, 316, R6-R12	3.2	3
46	Thermoregulation and the ultradian basic rest-activity cycle. *Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn*, **2018**, 156, 367-375	3	5
45	Clozapine, chlorpromazine and risperidone dose-dependently reduce emotional hyperthermia, a biological marker of salience. *Psychopharmacology*, **2017**, 234, 3259-3269	4.7	7
44	Lateral habenula regulation of emotional hyperthermia: mediation via the medullary raph *Scientific Reports*, **2017**, 7, 4102	4.9	14
43	Attenuated cold defense responses in orexin neuron-ablated rats. *Temperature*, **2016**, 3, 465-475	5.2	11
42	Control of the Cutaneous Circulation by the Central Nervous System. *Comprehensive Physiology*, **2016**, 6, 1161-97	7.7	28
41	Locus coeruleus noradrenergic innervation of the amygdala facilitates alerting-induced constriction of the rat tail artery. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2016**, 310, R1109-19	3.2	6
40	Timing of activities of daily life is jaggy: How episodic ultradian changes in body and brain temperature are integrated into this process. *Temperature*, **2016**, 3, 371-383	5.2	28
39	Brown adipose tissue thermogenesis contributes to emotional hyperthermia in a resident rat suddenly confronted with an intruder rat. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2014**, 306, R394-400	3.2	33
38	Reduced brown adipose tissue thermogenesis during environmental interactions in transgenic rats with ataxin-3-mediated ablation of hypothalamic orexin neurons. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2014**, 307, R978-89	3.2	24
37	Brown adipose tissue thermogenesis, the basic rest-activity cycle, meal initiation, and bodily homeostasis in rats. *Physiology and Behavior*, **2013**, 121, 61-9	3.5	24
36	Brown adipose tissue thermogenesis precedes food intake in genetically obese Zucker (fa/fa) rats. *Physiology and Behavior*, **2013**, 118, 129-37	3.5	5
35	Inactivation of neuronal function in the amygdaloid region reduces tail artery blood flow alerting responses in conscious rats. *Neuroscience*, **2013**, 228, 13-22	3.9	16
34	Heating and eating: brown adipose tissue thermogenesis precedes food ingestion as part of the ultradian basic rest-activity cycle in rats. *Physiology and Behavior*, **2012**, 105, 966-74	3.5	44
33	Ultradian Episodes of Thermogenesis in Mammals: Implications for the Timing of Torpor Entry and Arousal **2012**, 219-229		1

32	SR59230A, a beta-3 adrenoceptor antagonist, inhibits ultradian brown adipose tissue thermogenesis and interrupts associated episodic brain and body heating. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2011**, 301, R987-94	3.2	23
31	Atypical antipsychotics cause an acute increase in cutaneous hand blood flow in patients with schizophrenia and schizoaffective disorder. *Australian and New Zealand Journal of Psychiatry*, **2011**, 45, 646-53	2.6	6
30	Central Nervous System Regulation of Body Temperature **2011**, 324-344		7
29	Sympathetic cutaneous vasomotor alerting responses (SCVARs) are associated with hippocampal theta rhythm in non-moving conscious rats. *Brain Research*, **2009**, 1298, 123-30	3.7	24
28	Brown adipose tissue thermogenesis heats brain and body as part of the brain-coordinated ultradian basic rest-activity cycle. *Neuroscience*, **2009**, 164, 849-61	3.9	74
27	When administered to rats in a cold environment, 3,4-methylenedioxymethamphetamine reduces brown adipose tissue thermogenesis and increases tail blood flow: effects of pretreatment with 5-HT1A and dopamine D2 antagonists. *Neuroscience*, **2008**, 154, 1619-26	3.9	26
26	Selective blockade of 5-HT2A receptors attenuates the increased temperature response in brown adipose tissue to restraint stress in rats. *Stress*, **2008**, 11, 125-33	3	41
25	Fever response to intravenous prostaglandin E2 is mediated by the brain but does not require afferent vagal signaling. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2008**, 294, R1294-303	3.2	45
24	JL13, a clozapine-like potential antipsychotic agent, reduces sympathetic cutaneous vasomotor alerting responses (SCVARs) in rats, but the drug is less potent than clozapine. *FASEB Journal*, **2008**, 22, 653.4	0.9	
23	Bursts of brown adipose tissue (BAT) metabolism underlie periodic fluctuations in body temperature (Tb) in rats: a newly discovered ultradian rhythm. *FASEB Journal*, **2008**, 22, 956.4	0.9	
22	Activation of dopamine D2 receptors in the CNS inhibits sympathetic cutaneous vasomotor alerting responses (SCVARs), contributing to clozapine's SCVAR-inhibiting action. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2007**, 31, 328-36	5.5	13
21	Dopamine D2 receptor stimulation inhibits cold-initiated thermogenesis in brown adipose tissue in conscious rats. *Neuroscience*, **2007**, 147, 127-35	3.9	32
20	Activation of 5-HT1A receptors in rostral medullary raphe inhibits cutaneous vasoconstriction elicited by cold exposure in rabbits. *Brain Research*, **2006**, 1073-1074, 252-61	3.7	32
19	Thermogenesis in brown adipose tissue: increase by 5-HT2A receptor activation and decrease by 5-HT1A receptor activation in conscious rats. *Neuroscience Letters*, **2006**, 395, 170-4	3.3	46
18	Clozapine reverses increased brown adipose tissue thermogenesis induced by 3,4-methylenedioxymethamphetamine and by cold exposure in conscious rats. *Neuroscience*, **2006**, 141, 2067-73	3.9	42
17	Serotonin-synthesizing neurons in the rostral medullary raphe/parapyramidal region transneuronally labelled after injection of pseudorabies virus into the rat tail. *Neurochemical Research*, **2006**, 31, 277-86	4.6	25
16	Inhibition of medullary raphe/parapyramidal neurons prevents cutaneous vasoconstriction elicited by alerting stimuli and by cold exposure in conscious rabbits. *Brain Research*, **2005**, 1051, 189-93	3.7	33
15	Clozapine increases cutaneous blood flow and reduces sympathetic cutaneous vasomotor alerting responses (SCVARs) in rats: comparison with effects of haloperidol. *Psychopharmacology*, **2005**, 181, 518-28	4.7	21

14	Activation of slowly conducting medullary raphe-spinal neurons, including serotonergic neurons, increases cutaneous sympathetic vasomotor discharge in rabbit. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2005**, 288, R909-18	3.2	34
13	Activation of 5-HT1A receptors in the medullary raphe reduces cardiovascular changes elicited by acute psychological and inflammatory stresses in rabbits. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2005**, 289, R596-R604	3.2	59
12	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. *Brain Research*, **2004**, 1014, 34-44	3.7	40
11	Ventricular arrhythmias triggered by alerting stimuli in conscious rabbits pre-treated with dofetilide. *Basic Research in Cardiology*, **2004**, 99, 142-51	11.8	22
10	Clozapine and olanzapine, but not haloperidol, reverse cold-induced and lipopolysaccharide-induced cutaneous vasoconstriction. *Psychopharmacology*, **2004**, 175, 487-93	4.7	8
9	Inhibition of rostral medullary raphe neurons prevents cold-induced activity in sympathetic nerves to rat tail and rabbit ear arteries. *Neuroscience Letters*, **2004**, 357, 58-62	3.3	71
8	5-Hydroxytryptamine 1A receptors inhibit cold-induced sympathetically mediated cutaneous vasoconstriction in rabbits. *Journal of Physiology*, **2003**, 552, 303-14	3.9	44
7	Potential role of medullary raphe-spinal neurons in cutaneous vasoconstriction: an in vivo electrophysiological study. *Journal of Neurophysiology*, **2002**, 87, 901-11	3.2	19
6	Raphe region mediates changes in cutaneous vascular tone elicited by stimulation of amygdala and hypothalamus in rabbits. *Brain Research*, **2001**, 891, 130-7	3.7	48
5	Neurons in amygdala mediate ear pinna vasoconstriction elicited by unconditioned salient stimuli in conscious rabbits. *Autonomic Neuroscience: Basic and Clinical*, **2001**, 87, 236-42	2.4	27
4	Synchronous changes in ear and tail blood flow following salient and noxious stimuli in rabbits. *Brain Research*, **1999**, 847, 343-6	3.7	18
3	Subpopulations of sympathetic neurons project to specific vascular targets in the pinna of the rabbit ear. *Journal of Comparative Neurology*, **1999**, 412, 147-160	3.4	26
2	Parasympathetic innervation of cephalic arteries in rabbits: comparison with sympathetic and sensory innervation. *Journal of Comparative Neurology*, **1997**, 389, 484-95	3.4	18
1	Tropical spastic paraparesis in an aborigine. *Medical Journal of Australia*, **1993**, 159, 28-9	4	18