

Marc P Kaufman

List of Publications by Year in descending order

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106
papers

2,962
citations

172207

29
h-index

189595

50
g-index

108
all docs

108
docs citations

108
times ranked

1171
citing authors

#	ARTICLE	IF	CITATIONS
1	Serotonin-Mediated Activation of Serotonin Receptor Type 1 Oppositely Modulates Voltage-Gated Calcium Channel Currents in Rat Sensory Neurons Innervating Hindlimb Muscle. <i>Molecular Pharmacology</i> , 2022, 101, 309-321.	1.0	1
2	Thin-fiber muscle afferents possessing TRPV1 receptors evoke the muscle metaboreflex. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 321, R523-R524.	0.9	1
3	ASIC1a plays a key role in evoking the metabolic component of the exercise pressor reflex in rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H78-H89.	1.5	16
4	The magnitude of the exercise pressor reflex is influenced by the active skeletal muscle mass in the decerebrate rat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 318, R30-R37.	0.9	11
5	ASIC1a does not play a role in evoking the metabolic component of the exercise pressor reflex in a rat model of peripheral artery disease. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 319, H171-H182.	1.5	5
6	Intrathecal injection of brilliant blue G, a P2X7 antagonist, attenuates the exercise pressor reflex in rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 319, R223-R232.	0.9	4
7	Inorganic phosphate and lactate potentiate the pressor response to acidic stimuli in rats. <i>Experimental Physiology</i> , 2020, 105, 613-621.	0.9	6
8	Functional knockout of ASIC3 attenuates the exercise pressor reflex in decerebrated rats with ligated femoral arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H1316-H1324.	1.5	11
9	Blocking the transient receptor potential vanilloid-1 does not reduce the exercise pressor reflex in healthy rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019, 317, R576-R587.	0.9	18
10	Effect of knockout of the ASIC3 on cardiovascular reflexes arising from hindlimb muscle in decerebrated rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019, 317, R641-R648.	0.9	8
11	Stimulation of spinal δ -opioid receptors attenuates the exercise pressor reflex in decerebrate rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019, 316, R727-R734.	0.9	10
12	δ -Opioid agonist, [D-Pen ^{2,5}]enkephalin (DPDPE) attenuates the exercise pressor reflex in both freely perfused and ligated rats. <i>FASEB Journal</i> , 2019, 33, 540.2.	0.2	0
13	Capsazepine decrease the pressor response to stimuli other than transient receptor potential vanilloid-1 agonists. <i>FASEB Journal</i> , 2019, 33, 1b492.	0.2	0
14	Peripheral μ -opioid receptors attenuate the responses of group III and IV afferents to contraction in rats with simulated peripheral artery disease. <i>Journal of Neurophysiology</i> , 2018, 119, 2052-2058.	0.9	3
15	μ -Opioid receptors inhibit the exercise pressor reflex by closing N-type calcium channels but not by opening GIRK channels in rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 314, R693-R699.	0.9	11
16	Peripheral DAMGO Decreases Group III and IV Afferents' Responses to Contraction in Rats Whose Femoral Arteries are Occluded. <i>FASEB Journal</i> , 2018, 32, 725.7.	0.2	0
17	The role played by oxidative stress in evoking the exercise pressor reflex in health and simulated peripheral artery disease. <i>Journal of Physiology</i> , 2017, 595, 4365-4378.	1.3	23
18	Endomorphins potentiate acid-sensing ion channel currents and enhance the lactic acid-mediated increase in arterial blood pressure: effects amplified in hindlimb ischaemia. <i>Journal of Physiology</i> , 2017, 595, 7167-7183.	1.3	27

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19	Low-frequency stimulation of group III and IV hind limb afferents evokes reflex pressor responses in decerebrate rats. <i>Physiological Reports</i> , 2016, 4, e13001.	0.7	7
20	The mechano-gated channel inhibitor GsMTx4 reduces the exercise pressor reflex in rats with ligated femoral arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H1233-H1241.	1.5	34
21	The mechano-gated channel inhibitor GsMTx4 reduces the exercise pressor reflex in decerebrate rats. <i>Journal of Physiology</i> , 2016, 594, 641-655.	1.3	65
22	The exercise pressor reflex in health and simulated peripheral artery disease. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 2016, 65, 8-8.	0.0	0
23	Inhibition of cyclooxygenase attenuates the blood pressure response to plantar flexion exercise in peripheral arterial disease. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H523-H528.	1.5	27
24	Femoral artery ligation increases the responses of thin-fiber muscle afferents to contraction. <i>Journal of Neurophysiology</i> , 2015, 113, 3961-3966.	0.9	25
25	Combined, but not individual, blockade of ASIC3, P2X, and EP4 receptors attenuates the exercise pressor reflex in rats with freely perfused hindlimb muscles. <i>Journal of Applied Physiology</i> , 2015, 119, 1330-1336.	1.2	30
26	Role played by NaV 1.7 channels on thin-fiber muscle afferents in transmitting the exercise pressor reflex. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R1301-R1308.	0.9	11
27	The exercise pressor reflex and peripheral artery disease. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015, 188, 69-73.	1.4	34
28	Role played by interleukin-6 in evoking the exercise pressor reflex in decerebrate rats: effect of femoral artery ligation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H166-H173.	1.5	21
29	Effects of peripheral and spinal μ -opioid receptor stimulation on the exercise pressor reflex in decerebrate rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 307, R281-R289.	0.9	10
30	Alteration of the mu opioid receptor: Ca ²⁺ channel signaling pathway in a subset of rat sensory neurons following chronic femoral artery occlusion. <i>Journal of Neurophysiology</i> , 2014, 112, 3104-3115.	0.9	13
31	Hindlimb venous distention evokes a pressor reflex in decerebrated rats. <i>Physiological Reports</i> , 2014, 2, e12036.	0.7	11
32	Purinergic 2X receptors play a role in evoking the exercise pressor reflex in rats with peripheral artery insufficiency. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 306, H396-H404.	1.5	32
33	Attenuation of autonomic reflexes by A803467 may not be solely caused by blockade of NaV 1.8 channels. <i>Neuroscience Letters</i> , 2013, 543, 177-182.	1.0	9
34	Blockade of B2 receptors attenuates the responses of group III afferents to static contraction. <i>Neuroscience Letters</i> , 2013, 555, 231-236.	1.0	16
35	Peripheral μ -opioid receptors attenuate the exercise pressor reflex. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 305, H1246-H1255.	1.5	23
36	Endoperoxide 4 receptors play a role in evoking the exercise pressor reflex in rats with simulated peripheral artery disease. <i>Journal of Physiology</i> , 2013, 591, 2949-2962.	1.3	33

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37	Endoperoxide 4 receptors attenuate the exercise pressor reflex in rats with ligated femoral arteries. FASEB Journal, 2013, 27, 711.2.	0.2	0
38	Blockade of ATP-sensitive potassium channels prevents the attenuation of the exercise pressor reflex by tempol in rats with ligated femoral arteries. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 303, H332-H340.	1.5	10
39	The exercise pressor reflex in animals. Experimental Physiology, 2012, 97, 51-58.	0.9	88
40	Peripheral Delta Opioid Receptors Attenuate the Exercise Pressor Reflex in Decerebrate Rats. FASEB Journal, 2012, 26, 1138.51.	0.2	0
41	Glibenclamide prevents the attenuation of the exercise pressor reflex by tempol in the ligated rats. FASEB Journal, 2012, 26, 1078.38.	0.2	0
42	Tempol attenuates the exercise pressor reflex independently of neutralizing reactive oxygen species in femoral artery ligated rats. Journal of Applied Physiology, 2011, 111, 971-979.	1.2	23
43	Blockade of acid sensing ion channels attenuates the augmented exercise pressor reflex in rats with chronic femoral artery occlusion. Journal of Physiology, 2011, 589, 6173-6189.	1.3	57
44	Dorsal root tetrodotoxin-resistant sodium channels do not contribute to the augmented exercise pressor reflex in rats with chronic femoral artery occlusion. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 300, H652-H663.	1.5	13
45	Blockade of the TP receptor attenuates the exercise pressor reflex in decerebrated rats with chronic femoral artery occlusion. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 301, H2140-H2146.	1.5	28
46	Blockade of acid sensing ion channels attenuates the augmented exercise pressor reflex in rats with chronic femoral artery occlusion. FASEB Journal, 2011, 25, 1056.10.	0.2	0
47	Thromboxane Contributes to the Exercise Pressor Reflex in Simulated Peripheral Artery Disease. FASEB Journal, 2011, 25, .	0.2	0
48	Metaboreflex control of the heart. Journal of Physiology, 2010, 588, 1037-1038.	1.3	7
49	P2X2/3 and P2X3 receptors contribute to the metaboreceptor component of the exercise pressor reflex. Journal of Applied Physiology, 2010, 109, 1416-1423.	1.2	35
50	Chronic femoral artery occlusion augments exercise pressor reflex in decerebrated rats. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 299, H106-H113.	1.5	73
51	Peripheral μ -opioid receptors attenuate the augmented exercise pressor reflex in rats with chronic femoral artery occlusion. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 299, H557-H565.	1.5	32
52	Control of breathing during dynamic exercise by thin fiber muscle afferents. Journal of Applied Physiology, 2010, 109, 947-948.	1.2	16
53	Do P2X2/3 and P2X3 receptors play a role in the exercise pressor reflex in cats?. FASEB Journal, 2010, 24, .	0.2	0
54	Both central command and exercise pressor reflex activate cardiac sympathetic nerve activity in decerebrate cats. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 296, H1157-H1163.	1.5	24

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55	Acid-sensing ion channels contribute to the metaboreceptor component of the exercise pressor reflex. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 297, H443-H449.	1.5	38
56	Gadolinium inhibits group III but not group IV muscle afferent responses to dynamic exercise. <i>Journal of Physiology</i> , 2009, 587, 873-882.	1.3	36
57	Acid sensing ion and epithelial sodium channels contribute to the metaboreceptor component of the exercise pressor reflex. <i>FASEB Journal</i> , 2009, 23, 787.2.	0.2	0
58	Chronic femoral artery occlusion augments exercise pressor reflex in decerebrated rats. <i>FASEB Journal</i> , 2009, 23, 787.5.	0.2	0
59	PPADS does not block contraction-induced prostaglandin E2 synthesis in cat skeletal muscle. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 295, H2043-H2045.	1.5	12
60	Role played by acid-sensitive ion channels in evoking the exercise pressor reflex. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 295, H1720-H1725.	1.5	45
61	Acid-sensing ion and epithelial sodium channels do not contribute to the mechanoreceptor component of the exercise pressor reflex. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 295, H1017-H1024.	1.5	14
62	Role played by P2X and P2Y receptors in evoking the muscle chemoreflex. <i>Journal of Applied Physiology</i> , 2008, 104, 538-541.	1.2	26
63	Receptor Synergy From Thin Fiber Muscle Afferents. Focus on "Dorsal Root Ganglion Neurons Innervating Skeletal Muscle Respond to Physiological Combinations of Protons, ATP, and Lactate Mediated by ASIC, P2X, and TRPV1". <i>Journal of Neurophysiology</i> , 2008, 100, 1169-1170.	0.9	3
64	Blockade of purinergic 2 receptors attenuates the mechanoreceptor component of the exercise pressor reflex. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H2995-H3000.	1.5	29
65	Thin-fiber mechanoreceptors reflexly increase renal sympathetic nerve activity during static contraction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 292, H866-H873.	1.5	23
66	Mechanoreceptors and central command. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 292, H117-H118.	1.5	5
67	Purinergic 2 receptor blockade prevents the responses of group IV afferents to post-contraction circulatory occlusion. <i>Journal of Physiology</i> , 2007, 578, 301-308.	1.3	27
68	Blockade of acid sensing ion channels attenuates the exercise pressor reflex in cats. <i>Journal of Physiology</i> , 2007, 581, 1271-1282.	1.3	57
69	The P2X antagonist PPADS attenuates renal sympathetic nerve activity in response to static contraction and tendon stretch. <i>FASEB Journal</i> , 2007, 21, A567.	0.2	0
70	Spinal estrogen attenuates the exercise pressor reflex but has little effect on the expression of genes regulating neurotransmitters in the dorsal root ganglia. <i>Journal of Applied Physiology</i> , 2006, 100, 958-964.	1.2	12
71	P2 antagonist PPADS attenuates responses of thin fiber afferents to static contraction and tendon stretch. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 290, H1214-H1219.	1.5	33
72	Cyclooxygenase blockade attenuates responses of group III and IV muscle afferents to dynamic exercise in cats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 290, H2239-H2246.	1.5	57

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73	PPADS attenuates the responses of group III and IV afferents to contraction with circulatory occlusion. FASEB Journal, 2006, 20, LB36.	0.2	0
74	Cyclooxygenase products sensitize group III and IV muscle afferents to dynamic exercise. FASEB Journal, 2006, 20, A768.	0.2	1
75	Gadolinium attenuates renal sympathetic activity in cats. FASEB Journal, 2006, 20, .	0.2	0
76	Comparison between the effect of static contraction and tendon stretch on the discharge of group III and IV muscle afferents. Journal of Applied Physiology, 2005, 99, 1891-1896.	1.2	102
77	VR-1 receptor blockade attenuates the pressor response to capsaicin but has no effect on the pressor response to contraction in cats. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 288, H1867-H1873.	1.5	35
78	Activation of thin-fiber muscle afferents by a P2X agonist in cats. Journal of Applied Physiology, 2004, 96, 1166-1169.	1.2	70
79	Skeletal Muscle Afferents. , 2004, , 109-113.		0
80	Role played by purinergic receptors on muscle afferents in evoking the exercise pressor reflex. Journal of Applied Physiology, 2003, 94, 1437-1445.	1.2	82
81	High concentrations of 17 β -estradiol attenuate the exercise pressor reflex in male cats. Journal of Applied Physiology, 2003, 94, 1431-1436.	1.2	12
82	Has the phoenix risen?. Journal of Physiology, 2003, 548, 666-666.	1.3	3
83	Discharge Properties of Group III and IV Muscle Afferents. Advances in Experimental Medicine and Biology, 2002, 508, 25-32.	0.8	57
84	$\hat{1}\pm, \hat{1}^2$ -Methylene ATP elicits a reflex pressor response arising from muscle in decerebrate cats. Journal of Applied Physiology, 2002, 93, 834-841.	1.2	57
85	MLR stimulation and exercise pressor reflex activate different renal sympathetic fibers in decerebrate cats. Journal of Applied Physiology, 2002, 92, 1628-1634.	1.2	23
86	Estrogen attenuates the cardiovascular and ventilatory responses to central command in cats. Journal of Applied Physiology, 2002, 92, 1635-1641.	1.2	25
87	Spinoreticular neurons that receive group III input are inhibited by MLR stimulation. Journal of Applied Physiology, 2002, 93, 92-98.	1.2	14
88	The Exercise Pressor Reflex. Clinical Autonomic Research, 2002, 12, 429-439.	1.4	228
89	Gadolinium attenuates exercise pressor reflex in cats. American Journal of Physiology - Heart and Circulatory Physiology, 2001, 280, H2153-H2161.	1.5	80
90	Both central command and exercise pressor reflex reset carotid sinus baroreflex. American Journal of Physiology - Heart and Circulatory Physiology, 2001, 280, H1454-H1463.	1.5	96

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91	Comparison of the exercise pressor reflex between forelimb and hindlimb muscles in cats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 281, R1127-R1133.	0.9	18
92	Stimulation of the MLR inhibits the discharge of dorsal horn neurons responsive to muscular contraction. Brain Research, 2000, 880, 178-182.	1.1	19
93	Responses of group III and IV muscle afferents to distension of the peripheral vascular bed. Journal of Applied Physiology, 1999, 87, 545-553.	1.2	100
94	Central command, but not muscle reflex, stimulates cutaneous sympathetic efferents of cats. American Journal of Physiology - Heart and Circulatory Physiology, 1998, 274, H1552-H1559.	1.5	16
95	Effect on airway caliber of stimulation of the hypothalamic locomotor region. Journal of Applied Physiology, 1998, 84, 1388-1394.	1.2	11
96	Effect of arterial occlusion on responses of group III and IV afferents to dynamic exercise. Journal of Applied Physiology, 1998, 84, 1827-1833.	1.2	104
97	Responses of group III and IV muscle afferents to dynamic exercise. Journal of Applied Physiology, 1997, 82, 1811-1817.	1.2	192
98	Stimulation of the mesencephalic locomotor region constricts the airways of cats. Respiration Physiology, 1996, 106, 263-271.	2.8	9
99	Intrathecal serotonin attenuates the pressor response to static contraction. Brain Research, 1991, 550, 157-160.	1.1	9
100	Cardiovascular and Respiratory Response to Static Exercise in the Newborn Kitten. Pediatric Research, 1991, 30, 95-99.	1.1	5
101	Ischemia potentiates the reflex bronchodilation evoked by static muscular contraction in dogs. Respiration Physiology, 1990, 81, 51-61.	2.8	5
102	Pressor reflex response to static muscular contraction: Its afferent arm and possible neurotransmitters. American Journal of Cardiology, 1988, 62, 58E-62E.	0.7	49
103	Immunoneutralization of substance P attenuates the reflex pressor response to muscular contraction. Brain Research, 1986, 377, 199-203.	1.1	23
104	Stimulation of group III and IV muscle afferents reflexly decreases total pulmonary resistance in dogs. Respiration Physiology, 1985, 59, 185-195.	2.8	29
105	Muscular contraction reflexly relaxes tracheal smooth muscle in dogs. Respiration Physiology, 1984, 56, 61-72.	2.8	13
106	Atropine prevents the reflex tracheal relaxation arising from the stimulation of intestinal and skeletal muscle afferents in dogs. Brain Research, 1983, 270, 159-161.	1.1	7