

Hakan S Orer

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34
papers

621
citations

14
h-index

24
g-index

35
ext. papers

708
ext. citations

3.4
avg, IF

3.61
L-index

#	Paper	IF	Citations
34	Overview of the Anatomy, Physiology, and Pharmacology of the Autonomic Nervous System. <i>Comprehensive Physiology</i> , 2016 , 6, 1239-78	7.7	154
33	Baroreceptor reflex inhibition induced by the stimulation of serotonin ₃ receptors in the nucleus tractus solitarius of the rat. <i>Neuroscience</i> , 1992 , 46, 91-100	3.9	71
32	Serotonergic projections from the nodose ganglia to the nucleus tractus solitarius: an immunohistochemical and double labeling study in the rat. <i>Neuroscience Letters</i> , 1990 , 114, 22-6	3.3	66
31	5-HT ₂ receptors in the nucleus tractus solitarius: characterisation and role in cardiovascular regulation in the rat. <i>Brain Research</i> , 1992 , 575, 74-8	3.7	36
30	Selective intraarterial nimodipine treatment in an experimental subarachnoid hemorrhage model. <i>American Journal of Neuroradiology</i> , 2005 , 26, 1357-62	4.4	29
29	Medullary lateral tegmental field: an important source of basal sympathetic nerve discharge in the cat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2000 , 278, R995-R1004	3.2	26
28	A 10-Hz rhythm reflects the organization of a brainstem network that specifically governs sympathetic nerve discharge. <i>Brain Research</i> , 1995 , 671, 345-50	3.7	26
27	Medullary lateral tegmental field: an important synaptic relay in the baroreceptor reflex pathway of the cat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999 , 277, R1462-75	3.2	23
26	Axonal projections of caudal ventrolateral medullary and medullary raphe neurons with activity correlated to the 10-Hz rhythm in sympathetic nerve discharge. <i>Journal of Neurophysiology</i> , 1995 , 74, 2295-308	3.2	20
25	Cardiovascular effects of the local injection of 5,7-dihydroxytryptamine into the nodose ganglia and nucleus tractus solitarius in awake freely moving rats. <i>Brain Research</i> , 1991 , 553, 123-8	3.7	18
24	Differential effects of an NMDA and a non-NMDA receptor antagonist on medullary lateral tegmental field neurons. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2002 , 282, R100-13	3.2	16
23	5-HT causes splanchnic venodilation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017 , 313, H676-H686	5.2	15
22	Fractal activity generated independently by medullary sympathetic premotor and preganglionic sympathetic neurons. <i>Journal of Neurophysiology</i> , 2003 , 90, 47-54	3.2	15
21	Role of the medullary lateral tegmental field in reflex-mediated sympathoexcitation in cats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2004 , 286, R451-64	3.2	15
20	Fractal noises and motions in time series of presympathetic and sympathetic neural activities. <i>Journal of Neurophysiology</i> , 2006 , 95, 1176-84	3.2	13
19	Fractal properties of human muscle sympathetic nerve activity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004 , 286, H1076-87	5.2	12
18	Role of medullary excitatory amino acid receptors in mediating the 10-Hz rhythm in sympathetic nerve discharge of cats. <i>Brain Research</i> , 2005 , 1049, 249-53	3.7	12

17	Rostral ventrolateral medullary but not medullary lateral tegmental field neurons mediate sympatho-sympathetic reflexes in cats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010 , 299, R1269-78	3.2	10
16	5-Hydroxytryptamine does not reduce sympathetic nerve activity or neuroeffector function in the splanchnic circulation. <i>European Journal of Pharmacology</i> , 2015 , 754, 140-7	5.3	7
15	Role of serotonergic input to the ventrolateral medulla in expression of the 10-Hz sympathetic nerve rhythm. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008 , 294, R1435-44	3.2	7
14	The role of nitrergic system on the contractility of colonic circular smooth muscle in Hirschsprung's disease. <i>Journal of Pediatric Surgery</i> , 1999 , 34, 1477-81	2.6	7
13	Medullary lateral tegmental field neurons influence the timing and pattern of phrenic nerve activity in cats. <i>Journal of Applied Physiology</i> , 2006 , 101, 521-30	3.7	5
12	Effects on sympathetic activity of 8-OHDPAT and clonidine in cat medullary lateral tegmental field. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001 , 281, H613-22	5.2	4
11	The role of the medullary lateral tegmental field in the generation and baroreceptor reflex control of sympathetic nerve discharge in the cat. <i>Annals of the New York Academy of Sciences</i> , 2001 , 940, 270-85	6.5	3
10	Transient intrauterine hypotension causes apoptosis in fetal rat brain and affects learning. <i>Pediatric Research</i> , 2003 , 53, 977-82	3.2	3
9	A modulatory role of central cholinergic transmission in control of the 10-Hz rhythm in sympathetic nerve discharge. <i>Brain Research</i> , 1994 , 661, 283-8	3.7	3
8	Cannabinoid receptor activation in the nucleus tractus solitaries produces baroreflex-like responses in the rat. <i>International Journal of Biomedical Science</i> , 2008 , 4, 229-37		3
7	Contralateral genitofemoral sympathetic nerve discharge increases following ipsilateral testicular torsion. <i>Urological Research</i> , 2002 , 30, 324-8		2
6	IUBMB/PSBMB 2019 Conference/Plenary: Mentoring in postgraduate training and the role of Organization for PhD Education in Health Sciences in European System. <i>Biochemistry and Molecular Biology Education</i> , 2020 , 48, 592-595	1.3	
5	Sleep changes induced by the local application of 5,7-dihydroxytryptamine into the nodose ganglia and aortic denervation in the rat. <i>Pflugers Archiv European Journal of Physiology</i> , 1991 , 419, 21-4	4.6	
4	Fractal noises and motions in time series of presympathetic and sympathetic neural activities. <i>FASEB Journal</i> , 2006 , 20, A367	0.9	
3	Role of 5-hydroxytryptamine (5-HT ₂) receptors in the ventrolateral medulla (VLM) in the expression of the 10-Hz rhythm in sympathetic nerve discharge (SND). <i>FASEB Journal</i> , 2008 , 22, 1169.4	0.9	
2	Rostral ventrolateral medullary (RVLM) but not medullary lateral tegmental field (LTF) neurons are in the pathway mediating sympathoexcitatory (SE) responses elicited by activation of cardiac and splanchnic sympathetic afferents. <i>FASEB Journal</i> , 2010 , 24, 808.5	0.9	
1	IS-06 GOOD SUPERVISION FOR GOOD RESEARCH. <i>Turkish Journal of Biochemistry</i> , 2018 , 43, 12-12	0.3	