

Kevin J Cummings

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.

27
papers

422
citations

12
h-index

20
g-index

31
ext. papers

509
ext. citations

3.2
avg, IF

3.56
L-index

#	Paper	IF	Citations
27	Failed heart rate recovery at a critical age in 5-HT-deficient mice exposed to episodic anoxia: implications for SIDS. <i>Journal of Applied Physiology</i> , 2011 , 111, 825-33	3.7	61
26	Postnatal loss of brainstem serotonin neurones compromises the ability of neonatal rats to survive episodic severe hypoxia. <i>Journal of Physiology</i> , 2011 , 589, 5247-56	3.9	48
25	Salmonella enterica serotype Cerro among dairy cattle in New York: an emerging pathogen?. <i>Foodborne Pathogens and Disease</i> , 2010 , 7, 659-65	3.8	39
24	The effect of clinical outbreaks of salmonellosis on the prevalence of fecal Salmonella shedding among dairy cattle in New York. <i>Foodborne Pathogens and Disease</i> , 2010 , 7, 815-23	3.8	36
23	Severe spontaneous bradycardia associated with respiratory disruptions in rat pups with fewer brain stem 5-HT neurons. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009 , 296, R1783-96	3.2	35
22	Bradycardia in serotonin-deficient Pet-1 ^{-/-} mice: influence of respiratory dysfunction and hyperthermia over the first 2 postnatal weeks. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010 , 298, R1333-42	3.2	32
21	Brainstem serotonin deficiency in the neonatal period: autonomic dysregulation during mild cold stress. <i>Journal of Physiology</i> , 2011 , 589, 2055-64	3.9	23
20	Time- and age-dependent effects of serotonin on gasping and autoresuscitation in neonatal mice. <i>Journal of Applied Physiology</i> , 2013 , 114, 1668-76	3.7	20
19	Active sleep unmasks apnea and delayed arousal in infant rat pups lacking central serotonin. <i>Journal of Applied Physiology</i> , 2017 , 123, 825-834	3.7	19
18	Caffeine improves the ability of serotonin-deficient (Pet-1 ^{-/-}) mice to survive episodic asphyxia. <i>Pediatric Research</i> , 2013 , 73, 38-45	3.2	17
17	Brain stem serotonin protects blood pressure in neonatal rats exposed to episodic anoxia. <i>Journal of Applied Physiology</i> , 2013 , 115, 1733-41	3.7	14
16	Fecal shedding of Salmonella spp among cattle admitted to a veterinary medical teaching hospital. <i>Journal of the American Veterinary Medical Association</i> , 2009 , 234, 1578-85	1	13
15	The serotonergic system and the control of breathing during development. <i>Respiratory Physiology and Neurobiology</i> , 2019 , 270, 103255	2.8	12
14	Temporal clusters of bovine Salmonella cases at a veterinary medical teaching hospital, 1996-2007. <i>Vector-Borne and Zoonotic Diseases</i> , 2010 , 10, 471-9	2.4	9
13	Increased central cholinergic drive contributes to the apneas of serotonin-deficient rat pups during active sleep. <i>Journal of Applied Physiology</i> , 2019 , 126, 1175-1183	3.7	8
12	Central serotonin and the control of arterial blood pressure and heart rate in infant rats: influence of sleep state and sex. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018 , 314, R313-R321	3.2	7
11	Short communication: Oral and intranasal administration of a modified-live Salmonella Dublin vaccine in dairy calves: Clinical efficacy and serologic response. <i>Journal of Dairy Science</i> , 2019 , 102, 3474-3479	4.479	5

10	Patterns of antimicrobial drug use in veterinary primary care and specialty practice: A 6-year multi-institution study. <i>Journal of Veterinary Internal Medicine</i> , 2021 , 35, 1496-1508	3.1	5
9	Ciprofloxacin resistance among <i>Campylobacter jejuni</i> isolates obtained from shelter dogs in Texas. <i>Zoonoses and Public Health</i> , 2019 , 66, 337-342	2.9	5
8	Mice Lacking Brain-Derived Serotonin Have Altered Swallowing Function. <i>Otolaryngology - Head and Neck Surgery</i> , 2019 , 161, 468-471	5.5	4
7	Interaction of central and peripheral chemoreflexes in neonatal mice: evidence for hypo-addition. <i>Respiratory Physiology and Neurobiology</i> , 2014 , 203, 75-81	2.8	4
6	Plasticity in breathing and arterial blood pressure following acute intermittent hypercapnic hypoxia in infant rat pups with a partial loss of 5-HT neurons. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 309, R1273-84	3.2	3
5	Take a deep breath and wake up: The protean role of serotonin preventing sudden death in infancy. <i>Experimental Neurology</i> , 2020 , 326, 113165	5.7	2
4	Sex- and age-based differences in the effect of central serotonin on arterial blood pressure regulation. <i>Journal of Applied Physiology</i> , 2020 , 129, 1310-1323	3.7	0
3	Eupnea and gasping in vivo are facilitated by the activation of 5-HT receptors. <i>Journal of Neurophysiology</i> , 2021 , 125, 1543-1551	3.2	0
2	Orexin contributes to eupnea within a critical period of postnatal development. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021 , 321, R558-R571	3.2	0
1	SALMONELLA ISOLATED FROM CENTRAL NEW YORK WILDLIFE ADMITTED TO A VETERINARY MEDICAL TEACHING HOSPITAL. <i>Journal of Wildlife Diseases</i> , 2021 , 57, 743-748	1.3	