

Jackelyn M Kembro

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

643
citations

686830

13
h-index

580395

25
g-index

32
all docs

32
docs citations

32
times ranked

828
citing authors

#	ARTICLE	IF	CITATIONS
1	Glutathione/thioredoxin systems modulate mitochondrial H ₂ O ₂ emission: An experimental-computational study. <i>Journal of General Physiology</i> , 2012, 139, 479-491.	0.9	180
2	Integrating Mitochondrial Energetics, Redox and ROS Metabolic Networks: A Two-Compartment Model. <i>Biophysical Journal</i> , 2013, 104, 332-343.	0.2	94
3	Network dynamics: quantitative analysis of complex behavior in metabolism, organelles, and cells, from experiments to models and back. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2017, 9, e1352.	6.6	38
4	Open-Field Temporal Pattern of Ambulation in Japanese Quail Genetically Selected for Contrasting Adrenocortical Responsiveness to Brief Manual Restraint. <i>Poultry Science</i> , 2008, 87, 2186-2195.	1.5	30
5	Bumblebees learn foraging routes through exploitation and exploration cycles. <i>Journal of the Royal Society Interface</i> , 2019, 16, 20190103.	1.5	25
6	Effects of thymol feed supplementation on female Japanese quail (<i>Coturnix coturnix</i>) behavioral fear response. <i>Animal Feed Science and Technology</i> , 2013, 183, 67-72.	1.1	24
7	Complex oscillatory redox dynamics with signaling potential at the edge between normal and pathological mitochondrial function. <i>Frontiers in Physiology</i> , 2014, 5, 257.	1.3	24
8	The fractal organization of ultradian rhythms in avian behavior. <i>Scientific Reports</i> , 2017, 7, 684.	1.6	22
9	Mitochondrial chaotic dynamics: Redox-energetic behavior at the edge of stability. <i>Scientific Reports</i> , 2018, 8, 15422.	1.6	22
10	Effects of the essential oils of <i>Lippia turbinata</i> and <i>Lippia polystachya</i> (Verbenaceae) on the temporal pattern of locomotion of the mosquito <i>Culex quinquefasciatus</i> (Diptera: Culicidae) larvae. <i>Parasitology Research</i> , 2009, 104, 1119-1127.	0.6	21
11	Exercise Heart Rates in Patients With Hypertrophic Cardiomyopathy. <i>American Journal of Cardiology</i> , 2015, 115, 1144-1150.	0.7	21
12	Assessment of long-range correlation in animal behavior time series: The temporal pattern of locomotor activity of Japanese quail (<i>Coturnix coturnix</i>) and mosquito larva (<i>Culex</i>) Tj ETQq0 0 0 rgBT /Overlock 1011 50 29718d (quinquefasciatus). <i>PLoS ONE</i> , 2017, 12, e0171884.	0.7	20
13	Social interaction of juvenile Japanese quail classified by their permanence in proximity to a high or low density of conspecifics. <i>Poultry Science</i> , 2013, 92, 2567-2575.	1.5	17
14	Dynamics of thymol dietary supplementation in quail (<i>Coturnix japonica</i>): Linking bioavailability, effects on egg yolk total fatty acids and performance traits. <i>PLoS ONE</i> , 2019, 14, e0216623.	1.1	14
15	Aggressive dominance can decrease behavioral complexity on subordinates through synchronization of locomotor activities. <i>Communications Biology</i> , 2019, 2, 467.	2.0	13
16	Unexpected results when assessing underlying aggressiveness in Japanese quail using photocastrated stimulus birds. <i>Poultry Science</i> , 2017, 96, 4140-4150.	1.5	11
17	Effect of the density of conspecifics on runway social reinstatement behavior of male Japanese quail genetically selected for contrasting adrenocortical responsiveness to stress. <i>Poultry Science</i> , 2009, 88, 2482-2490.	1.5	9
18	High-resolution behavioral time series of Japanese quail within their social environment. <i>Scientific Data</i> , 2019, 6, 300.	2.4	8

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19	High resolution, week-long, locomotion time series from Japanese quail in a home-box environment. Scientific Data, 2016, 3, 160036.	2.4	7
20	Divergent cloacal gland photo-responsiveness in male Japanese quail exposed to short days and associated differences in social interactions and reproduction. Poultry Science, 2017, 96, 5-13.	1.5	7
21	Short- and long-term dynamics of the physiological and behavioral response to heat stress and thymol supplementation in Japanese quail. Journal of Thermal Biology, 2021, 97, 102876.	1.1	7
22	Cholesterol favors the emergence of a long-range autocorrelated fluctuation pattern in voltage-induced ionic currents through lipid bilayers. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 1754-1764.	1.4	6
23	Ontogeny of copulatory behaviour in male Japanese quail classified by their T-maze performance as hatchlings. British Poultry Science, 2008, 49, 409-417.	0.8	5
24	Mitochondrial Reactive Oxygen Species (ROS) and Arrhythmias. , 2014, , 1047-1076.		4
25	Dynamics of thymol dietary supplementation in quail (<i>Coturnix japonica</i>): Dataset on thymol bioavailability, egg yolk fatty acids profile and performance traits. Data in Brief, 2019, 24, 103884.	0.5	4
26	Sperm physiology varies according to ultradian and infradian rhythms. Scientific Reports, 2019, 9, 5988.	1.6	4
27	Computational Approaches and Tools as Applied to the Study of Rhythms and Chaos in Biology. Methods in Molecular Biology, 2022, , 277-341.	0.4	4
28	Chronic stress in Lizards: Studies on the Behavior and Benzodiazepine Receptors in <i>Liolaemus koslowskyi</i> and <i>Cnemidophorus tergoae</i> . Journal of Experimental Zoology, 2016, 325, 713-725.	1.2	2
29	Expression of aggressiveness modulates mesencephalic c-fos activation during a social interaction test in Japanese quail (<i>Coturnix japonica</i>). Behavioural Brain Research, 2019, 367, 221-229.	1.2	1
30	Evidence for Chaos in Mitochondrial Dynamics. Biophysical Journal, 2012, 102, 572a.	0.2	0
31	Mitochondrial Chaos: Redox-Energetic Behavior at the Edge. Biophysical Journal, 2018, 114, 334a.	0.2	0