Jackelyn M Kembro

List of Publications by Year
in descending order

31 papers	643 citations	687363 13 h-index	580821 25 g-index
32 all docs	32 docs citations	32 times ranked	828 citing authors

#	Article	IF	Citations
1	Glutathione/thioredoxin systems modulate mitochondrial H2O2 emission: An experimental-computational study. Journal of General Physiology, 2012, 139, 479-491.	1.9	180
2	Integrating Mitochondrial Energetics, Redox and ROS Metabolic Networks: A Two-Compartment Model. Biophysical Journal, 2013, 104, 332-343.	0.5	94
3	Network dynamics: quantitative analysis of complex behavior in metabolism, organelles, and cells, from experiments to models and back. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 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. Poultry Science, 2008, 87, 2186-2195.	3.4	30
5	Bumblebees learn foraging routes through exploitationâ€"exploration cycles. Journal of the Royal Society Interface, 2019, 16, 20190103.	3.4	25
6	Effects of thymol feed supplementation on female Japanese quail (Coturnix coturnix) behavioral fear response. Animal Feed Science and Technology, 2013, 183, 67-72.	2.2	24
7	Complex oscillatory redox dynamics with signaling potential at the edge between normal and pathological mitochondrial function. Frontiers in Physiology, 2014, 5, 257.	2.8	24
8	The fractal organization of ultradian rhythms in avian behavior. Scientific Reports, 2017, 7, 684.	3.3	22
9	Mitochondrial chaotic dynamics: Redox-energetic behavior at the edge of stability. Scientific Reports, 2018, 8, 15422.	3.3	22
10	Effects of the essential oils of Lippia turbinata and Lippia polystachya (Verbenaceae) on the temporal pattern of locomotion of the mosquito Culex quinquefasciatus (Diptera: Culicidae) larvae. Parasitology Research, 2009, 104, 1119-1127.	1.6	21
11	Exercise Heart Rates in Patients With Hypertrophic Cardiomyopathy. American Journal of Cardiology, 2015, 115, 1144-1150.	1.6	21
12	Assessment of long-range correlation in animal behavior time series: The temporal pattern of locomotor activity of Japanese quail (Coturnix coturnix) and mosquito larva (Culex) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 297 Td (quinq	2.6	18
13	Social interaction of juvenile Japanese quail classified by their permanence in proximity to a high or low density of conspecifics. Poultry Science, 2013, 92, 2567-2575.	3.4	17
14	Dynamics of thymol dietary supplementation in quail (Coturnix japonica): Linking bioavailability, effects on egg yolk total fatty acids and performance traits. PLoS ONE, 2019, 14, e0216623.	2.5	14
15	Aggressive dominance can decrease behavioral complexity on subordinates through synchronization of locomotor activities. Communications Biology, 2019, 2, 467.	4.4	13
16	Unexpected results when assessing underlying aggressiveness in Japanese quail using photocastrated stimulus birds. Poultry Science, 2017, 96, 4140-4150.	3.4	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. Poultry Science, 2009, 88, 2482-2490.	3.4	9
18	High-resolution behavioral time series of Japanese quail within their social environment. Scientific Data, 2019, 6, 300.	5.3	8

#	Article	IF	Citations
19	High resolution, week-long, locomotion time series from Japanese quail in a home-box environment. Scientific Data, 2016, 3, 160036.	5.3	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.	3.4	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.	2.5	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.	2.6	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.	1.7	5
24	Mitochondrial Reactive Oxygen Species (ROS) and Arrhythmias. , 2014, , 1047-1076.		4
25	Dynamics of thymol dietary supplementation in quail (Coturnix japonica): Dataset on thymol bioavailability, egg yolk fatty acids profile and performance traits. Data in Brief, 2019, 24, 103884.	1.0	4
26	Sperm physiology varies according to ultradian and infradian rhythms. Scientific Reports, 2019, 9, 5988.	3.3	4
27	Computational Approaches and Tools as Applied to the Study of Rhythms and Chaos in Biology. Methods in Molecular Biology, 2022, , 277-341.	0.9	4
28	Chronic stress in Lizards: Studies on the Behavior and Benzodiazepine Receptors inLiolaemus koslowskyiandCnemidophorus tergolaevigatus. 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 (Coturnix japonica). Behavioural Brain Research, 2019, 367, 221-229.	2.2	1
30	Evidence for Chaos in Mitochondrial Dynamics. Biophysical Journal, 2012, 102, 572a.	0.5	0
31	Mitochondrial Chaos: Redox-Energetic Behavior at the Edge. Biophysical Journal, 2018, 114, 334a.	0.5	0