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List of Publications by Year
in descending order

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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	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
2	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
3	Bumblebees learn foraging routes through exploitationâ€“exploration cycles. Journal of the Royal Society Interface, 2019, 16, 20190103.	3.4	25
4	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
5	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
6	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
7	Sperm physiology varies according to ultradian and infradian rhythms. Scientific Reports, 2019, 9, 5988.	3.3	4
8	High-resolution behavioral time series of Japanese quail within their social environment. Scientific Data, 2019, 6, 300.	5.3	8
9	Aggressive dominance can decrease behavioral complexity on subordinates through synchronization of locomotor activities. Communications Biology, 2019, 2, 467.	4.4	13
10	Mitochondrial Chaos: Redox-Energetic Behavior at the Edge. Biophysical Journal, 2018, 114, 334a.	0.5	0
11	Mitochondrial chaotic dynamics: Redox-energetic behavior at the edge of stability. Scientific Reports, 2018, 8, 15422.	3.3	22
12	The fractal organization of ultradian rhythms in avian behavior. Scientific Reports, 2017, 7, 684.	3.3	22
13	Unexpected results when assessing underlying aggressiveness in Japanese quail using photocastrated stimulus birds. Poultry Science, 2017, 96, 4140-4150.	3.4	11
14	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
15	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
16	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
17	High resolution, week-long, locomotion time series from Japanese quail in a home-box environment. Scientific Data, 2016, 3, 160036.	5.3	7
18	Exercise Heart Rates in Patients With Hypertrophic Cardiomyopathy. American Journal of Cardiology, 2015, 115, 1144-1150.	1.6	21

#	Article	IF	Citations
19	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
20	Mitochondrial Reactive Oxygen Species (ROS) and Arrhythmias. , 2014, , 1047-1076.		4
21	Integrating Mitochondrial Energetics, Redox and ROS Metabolic Networks: A Two-Compartment Model. Biophysical Journal, 2013, 104, 332-343.	0.5	94
22	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
23	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
24	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 50 537 Td (quinqu	2.6	18
25	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
26	Glutathione/thioredoxin systems modulate mitochondrial H2O2 emission: An experimental-computational study. Journal of General Physiology, 2012, 139, 479-491.	1.9	180
27	Evidence for Chaos in Mitochondrial Dynamics. Biophysical Journal, 2012, 102, 572a.	0.5	0
28	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
29	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
30	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
31	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