

Dana K Merriman

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

528
citations

758635

12
h-index

940134

16
g-index

23
all docs

23
docs citations

23
times ranked

774
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of Bornavirus replication by an endogenous bornavirus-like element in the ground squirrel genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13175-13180.	3.3	122
2	Molecular Prerequisites for Diminished Cold Sensitivity in Ground Squirrels and Hamsters. <i>Cell Reports</i> , 2017, 21, 3329-3337.	2.9	68
3	Differential composition of DHA and very-long-chain PUFAs in rod and cone photoreceptors. <i>Journal of Lipid Research</i> , 2018, 59, 1586-1596.	2.0	56
4	Current practices in a captive breeding colony of 13-lined ground squirrels (<i>Ictidomys</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (trid	0.2	36
5	Impaired Skeletal Muscle Regeneration in the Absence of Fibrosis during Hibernation in 13-Lined Ground Squirrels. <i>PLoS ONE</i> , 2012, 7, e48884.	1.1	30
6	Seasonal and post-trauma remodeling in cone-dominant ground squirrel retina. <i>Experimental Eye Research</i> , 2016, 150, 90-105.	1.2	29
7	Genetic variation drives seasonal onset of hibernation in the 13-lined ground squirrel. <i>Communications Biology</i> , 2019, 2, 478.	2.0	28
8	Noninvasive imaging of the thirteen-lined ground squirrel photoreceptor mosaic. <i>Visual Neuroscience</i> , 2016, 33, e003.	0.5	26
9	Diurnal rodents as pertinent animal models of human retinal physiology and pathology. <i>Progress in Retinal and Eye Research</i> , 2020, 74, 100776.	7.3	25
10	Assessment of Outer Retinal Remodeling in the Hibernating 13-Lined Ground Squirrel. , 2018, 59, 2538.		23
11	Evaluating seasonal changes of cone photoreceptor structure in the 13-lined ground squirrel. <i>Vision Research</i> , 2019, 158, 90-99.	0.7	21
12	Osmolyte Depletion and Thirst Suppression Allow Hibernators to Survive for Months without Water. <i>Current Biology</i> , 2019, 29, 3053-3058.e3.	1.8	16
13	CNGA3 acts as a cold sensor in hypothalamic neurons. <i>ELife</i> , 2020, 9, .	2.8	13
14	Somatosensory Neurons Enter a State of Altered Excitability during Hibernation. <i>Current Biology</i> , 2018, 28, 2998-3004.e3.	1.8	12
15	Electroretinogram of the Cone-Dominant Thirteen-Lined Ground Squirrel during Euthermia and Hibernation in Comparison with the Rod-Dominant Brown Norway Rat. , 2020, 61, 6.		7
16	Ground squirrels initiate sexual maturation during hibernation. <i>Current Biology</i> , 2022, 32, 1822-1828.e4.	1.8	5
17	Cone photoreceptor reflectance variation in the northern tree shrew and thirteen-lined ground squirrel. <i>Experimental Biology and Medicine</i> , 2021, 246, 2192-2201.	1.1	3
18	Molecular Adaptations to Extreme Thermogenesis in Mammalian Hibernators. <i>Biophysical Journal</i> , 2014, 106, 337a.	0.2	1

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19	Optical Coherence Tomography Angiography in the Thirteen-Lined Ground Squirrel. <i>Translational Vision Science and Technology</i> , 2021, 10, 5.	1.1	0
20	Pre-retinal delivery of recombinant adeno-associated virus vector significantly improves retinal transduction efficiency. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 22, 96-106.	1.8	0