

# Dana K Merriman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8512257/publications.pdf>

Version: 2024-02-01

20  
papers

528  
citations

759233

12  
h-index

940533

16  
g-index

23  
all docs

23  
docs citations

23  
times ranked

774  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ground squirrels initiate sexual maturation during hibernation. <i>Current Biology</i> , 2022, 32, 1822-1828.e4.	3.9	5
2	Optical Coherence Tomography Angiography in the Thirteen-Lined Ground Squirrel. <i>Translational Vision Science and Technology</i> , 2021, 10, 5.	2.2	0
3	Cone photoreceptor reflectance variation in the northern tree shrew and thirteen-lined ground squirrel. <i>Experimental Biology and Medicine</i> , 2021, 246, 2192-2201.	2.4	3
4	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.	4.1	0
5	Diurnal rodents as pertinent animal models of human retinal physiology and pathology. <i>Progress in Retinal and Eye Research</i> , 2020, 74, 100776.	15.5	25
6	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
7	CNGA3 acts as a cold sensor in hypothalamic neurons. <i>ELife</i> , 2020, 9, .	6.0	13
8	Osmolyte Depletion and Thirst Suppression Allow Hibernators to Survive for Months without Water. <i>Current Biology</i> , 2019, 29, 3053-3058.e3.	3.9	16
9	Evaluating seasonal changes of cone photoreceptor structure in the 13-lined ground squirrel. <i>Vision Research</i> , 2019, 158, 90-99.	1.4	21
10	Genetic variation drives seasonal onset of hibernation in the 13-lined ground squirrel. <i>Communications Biology</i> , 2019, 2, 478.	4.4	28
11	Somatosensory Neurons Enter a State of Altered Excitability during Hibernation. <i>Current Biology</i> , 2018, 28, 2998-3004.e3.	3.9	12
12	Assessment of Outer Retinal Remodeling in the Hibernating 13-Lined Ground Squirrel. , 2018, 59, 2538.		23
13	Differential composition of DHA and very-long-chain PUFAs in rod and cone photoreceptors. <i>Journal of Lipid Research</i> , 2018, 59, 1586-1596.	4.2	56
14	Molecular Prerequisites for Diminished Cold Sensitivity in Ground Squirrels and Hamsters. <i>Cell Reports</i> , 2017, 21, 3329-3337.	6.4	68
15	Noninvasive imaging of the thirteen-lined ground squirrel photoreceptor mosaic. <i>Visual Neuroscience</i> , 2016, 33, e003.	1.0	26
16	Seasonal and post-trauma remodeling in cone-dominant ground squirrel retina. <i>Experimental Eye Research</i> , 2016, 150, 90-105.	2.6	29
17	Inhibition of Borna disease virus 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.	7.1	122
18	Molecular Adaptations to Extreme Thermogenesis in Mammalian Hibernators. <i>Biophysical Journal</i> , 2014, 106, 337a.	0.5	1

#	ARTICLE	IF	CITATIONS
19	Current practices in a captive breeding colony of 13-lined ground squirrels (Ictidomys Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 74	0.4	36
20	Impaired Skeletal Muscle Regeneration in the Absence of Fibrosis during Hibernation in 13-Lined Ground Squirrels. PLoS ONE, 2012, 7, e48884.	2.5	30