

Nihar Bhattacharyya

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9824855/publications.pdf>

Version: 2024-02-01

8
papers

265
citations

1307594

7
h-index

1588992

8
g-index

9
all docs

9
docs citations

9
times ranked

443
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolutionary transformation of rod photoreceptors in the all-cone retina of a diurnal garter snake. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 356-361.	7.1	73
2	Molecular Adaptations for Sensing and Securing Prey and Insight into Amniote Genome Diversity from the Garter Snake Genome. <i>Genome Biology and Evolution</i> , 2018, 10, 2110-2129.	2.5	72
3	Evolution of nonspectral rhodopsin function at high altitudes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7385-7390.	7.1	37
4	Cone-like rhodopsin expressed in the all cone retina of the colubrid pine snake as a potential adaptation to diurnality. <i>Journal of Experimental Biology</i> , 2017, 220, 2418-2425.	1.7	32
5	Evolutionary signatures of photoreceptor transmutation in geckos reveal potential adaptation and convergence with snakes. <i>Evolution; International Journal of Organic Evolution</i> , 2019, 73, 1958-1971.	2.3	22
6	An experimental comparison of human and bovine rhodopsin provides insight into the molecular basis of retinal disease. <i>FEBS Letters</i> , 2017, 591, 1720-1731.	2.8	14
7	Coupling of Human Rhodopsin to a Yeast Signaling Pathway Enables Characterization of Mutations Associated with Retinal Disease. <i>Genetics</i> , 2019, 211, 597-615.	2.9	12
8	Simultaneous Expression of UV and Violet SWS1 Opsins Expands the Visual Palette in a Group of Freshwater Snakes. <i>Molecular Biology and Evolution</i> , 2021, 38, 5225-5240.	8.9	3