

Tylor R Lewis

List of Publications by Year in descending order

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papers

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1040056

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#	ARTICLE	IF	CITATIONS
1	TMEM67, TMEM237, and Embigin in Complex With Monocarboxylate Transporter MCT1 Are Unique Components of the Photoreceptor Outer Segment Plasma Membrane. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100088.	3.8	14
2	Photoreceptor Disc Enclosure Is Tightly Controlled by Peripherin-2 Oligomerization. <i>Journal of Neuroscience</i> , 2021, 41, 3588-3596.	3.6	14
3	Unusual mode of dimerization of retinitis pigmentosa-associated F220C rhodopsin. <i>Scientific Reports</i> , 2021, 11, 10536.	3.3	7
4	Highly photostable fluorescent labeling of proteins in live cells using exchangeable coiled coils heterodimerization. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 4429-4440.	5.4	10
5	Photoreceptor Discs: Built Like Ectosomes. <i>Trends in Cell Biology</i> , 2020, 30, 904-915.	7.9	50
6	The F220C and F45L rhodopsin mutations identified in retinitis pigmentosa patients do not cause pathology in mice. <i>Scientific Reports</i> , 2020, 10, 7538.	3.3	7
7	Photoreceptor Disc Enclosure Occurs in the Absence of Normal Peripherin-2/rds Oligomerization. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 92.	3.7	12
8	PRCD is essential for high-fidelity photoreceptor disc formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 13087-13096.	7.1	44
9	Photoreceptor disc membranes are formed through an Arp2/3-dependent lamellipodium-like mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 27043-27052.	7.1	43
10	Disrupted Blood-Retina Lysophosphatidylcholine Transport Impairs Photoreceptor Health But Not Visual Signal Transduction. <i>Journal of Neuroscience</i> , 2019, 39, 9689-9701.	3.6	38
11	Peripheral nerve pathology in sickle cell disease mice. <i>Pain Reports</i> , 2019, 4, e765.	2.7	8
12	Cone myoid elongation involves unidirectional microtubule movement mediated by dynein-1. <i>Molecular Biology of the Cell</i> , 2018, 29, 180-190.	2.1	11
13	Kif17 phosphorylation regulates photoreceptor outer segment turnover. <i>BMC Cell Biology</i> , 2018, 19, 25.	3.0	34
14	Assessment of Outer Retinal Remodeling in the Hibernating 13-Lined Ground Squirrel. , 2018, 59, 2538.		23
15	Cos2/Kif7 and Osm-3/Kif17 regulate onset of outer segment development in zebrafish photoreceptors through distinct mechanisms. <i>Developmental Biology</i> , 2017, 425, 176-190.	2.0	24