

Alecia K Gross

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

791
citations

687363

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713466

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docs citations

23
times ranked

1098
citing authors

#	ARTICLE	IF	CITATIONS
1	Proinflammatory Pathways Are Activated in the Human Q344X Rhodopsin Knock-In Mouse Model of Retinitis Pigmentosa. <i>Biomolecules</i> , 2021, 11, 1163.	4.0	10
2	Innate and Autoimmunity in the Pathogenesis of Inherited Retinal Dystrophy. <i>Cells</i> , 2020, 9, 630.	4.1	11
3	Mks6 mutations reveal tissue- and cell type-specific roles for the cilia transition zone. <i>FASEB Journal</i> , 2019, 33, 1440-1455.	0.5	19
4	NudC regulates photoreceptor disk morphogenesis and rhodopsin localization. <i>FASEB Journal</i> , 2019, 33, 8799-8808.	0.5	6
5	Aberrant protein trafficking in retinal degenerations: The initial phase of retinal remodeling. <i>Experimental Eye Research</i> , 2016, 150, 71-80.	2.6	26
6	Novel Hypomorphic Alleles of the Mouse Tyrosinase Gene Induced by CRISPR-Cas9 Nucleases Cause Non-Albino Pigmentation Phenotypes. <i>PLoS ONE</i> , 2016, 11, e0155812.	2.5	28
7	An activated unfolded protein response promotes retinal degeneration and triggers an inflammatory response in the mouse retina. <i>Cell Death and Disease</i> , 2014, 5, e1578-e1578.	6.3	48
8	Nucleotide Bound to rab11a Controls Localization in Rod Cells But Not Interaction with Rhodopsin. <i>Journal of Neuroscience</i> , 2014, 34, 14854-14863.	3.6	14
9	Abrupt Onset of Mutations in a Developmentally Regulated Gene during Terminal Differentiation of Post-Mitotic Photoreceptor Neurons in Mice. <i>PLoS ONE</i> , 2014, 9, e108135.	2.5	11
10	Biochemical analysis of a rhodopsin photoactivatable GFP fusion as a model of G-protein coupled receptor transport. <i>Vision Research</i> , 2013, 93, 43-48.	1.4	4
11	The Severe Autosomal Dominant Retinitis Pigmentosa Rhodopsin Mutant Ter349Glu Mislocalizes and Induces Rapid Rod Cell Death. <i>Journal of Biological Chemistry</i> , 2013, 288, 29047-29055.	3.4	39
12	The Age-Regulating Protein Klotho Is Vital to Sustain Retinal Function. , 2013, 54, 6675.		24
13	In Vitro Biochemical Assays to Monitor Rhodopsin Function. <i>Methods in Molecular Biology</i> , 2012, 884, 167-181.	0.9	1
14	Defective Trafficking of Rhodopsin and Its Role in Retinal Degenerations. <i>International Review of Cell and Molecular Biology</i> , 2012, 293, 1-44.	3.2	62
15	Mutations of the Opsin Gene (Y102H and I307N) Lead to Light-induced Degeneration of Photoreceptors and Constitutive Activation of Phototransduction in Mice. <i>Journal of Biological Chemistry</i> , 2010, 285, 14521-14533.	3.4	36
16	1 Rhodopsin Mutations in Congenital Night Blindness. <i>Advances in Experimental Medicine and Biology</i> , 2010, 664, 263-272.	1.6	16
17	Identification and Functional Characterization of a Novel Rhodopsin Mutation Associated with Autosomal Dominant CSNB. , 2008, 49, 4105.		52
18	Defective development of photoreceptor membranes in a mouse model of recessive retinal degeneration. <i>Vision Research</i> , 2006, 46, 4510-4518.	1.4	16

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19	Rhodopsinâ€“EGFP knock-ins for imaging quantal gene alterations. <i>Vision Research</i> , 2005, 45, 3445-3453.	1.4	11
20	Evolutionary Trace of G Protein-coupled Receptors Reveals Clusters of Residues That Determine Global and Class-specific Functions. <i>Journal of Biological Chemistry</i> , 2004, 279, 8126-8132.	3.4	179
21	Characterization of Rhodopsin Congenital Night Blindness Mutant T94Iâ€“. <i>Biochemistry</i> , 2003, 42, 2009-2015.	2.5	60
22	An Opsin Mutant with Increased Thermal Stabilityâ€“. <i>Biochemistry</i> , 2003, 42, 1995-2001.	2.5	83
23	Slow Binding of Retinal to Rhodopsin Mutants G90D and T94Dâ€“. <i>Biochemistry</i> , 2003, 42, 2002-2008.	2.5	35