

# Regan Ashby

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6237023/publications.pdf>

Version: 2024-02-01

32  
papers

2,311  
citations

840585

11  
h-index

752573

20  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1861  
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlation between small-scale methylation changes and gene expression during the development of myopia. <i>FASEB Journal</i> , 2022, 36, e22129.	0.2	4
2	Rural-urban differences in myopia prevalence among myopes presenting to Bhutanese retinal clinical services: a 3-year national study. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2021, 259, 613-621.	1.0	12
3	Animal Models of Experimental Myopia: Limitations and Synergies with Studies on Human Myopia. , 2021, , 67-85.		0
4	Conservation and turnover of miRNAs and their highly complementary targets in early branching animals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20203169.	1.2	9
5	Coadministration With Carbidopa Enhances the Antimyopic Effects of Levodopa in Chickens. , 2021, 62, 25.		6
6	Insights into the mechanism by which atropine inhibits myopia: evidence against cholinergic hyperactivity and modulation of dopamine release. <i>British Journal of Pharmacology</i> , 2021, 178, 4501-4517.	2.7	13
7	Transcriptome-based insights into gene networks controlling myopia prevention. <i>FASEB Journal</i> , 2021, 35, e21846.	0.2	9
8	Topical application of dopaminergic compounds can inhibit deprivation myopia in chicks. <i>Experimental Eye Research</i> , 2020, 200, 108233.	1.2	11
9	Form-Deprivation and Lens-Induced Myopia Are Similarly Affected by Pharmacological Manipulation of the Dopaminergic System in Chicks. , 2020, 61, 4.		25
10	Levodopa inhibits the development of lens-induced myopia in chicks. <i>Scientific Reports</i> , 2020, 10, 13242.	1.6	19
11	IMI " Report on Experimental Models of Emmetropization and Myopia. , 2019, 60, M31.		241
12	Effectiveness and safety of topical levodopa in a chick model of myopia. <i>Scientific Reports</i> , 2019, 9, 18345.	1.6	21
13	The epidemics of myopia: Aetiology and prevention. <i>Progress in Retinal and Eye Research</i> , 2018, 62, 134-149.	7.3	658
14	Contrasting Sex-and Caste-Dependent piRNA Profiles in the Transposon Depleted Haplodiploid Honeybee <i>Apis mellifera</i> . <i>Genome Biology and Evolution</i> , 2017, 9, 1341-1356.	1.1	16
15	Bright Light Blocks the Development of Form Deprivation Myopia in Mice, Acting on D1 Dopamine Receptors. , 2017, 58, 2317.		11
16	Developmental and loco-like effects of a swainsonine-induced inhibition of $\alpha$ -mannosidase in the honey bee, <i>Apis mellifera</i> . <i>PeerJ</i> , 2017, 5, e3109.	0.9	4
17	Author Response: Light Levels and the Development of Deprivation Myopia. , 2016, 57, 825.		0
18	MicroRNAs in Honey Bee Caste Determination. <i>Scientific Reports</i> , 2016, 6, 18794.	1.6	99

#	ARTICLE	IF	CITATIONS
19	Animal Studies and the Mechanism of Myopia—Protection by Light?. <i>Optometry and Vision Science</i> , 2016, 93, 1052-1054.	0.6	26
20	Correlation Between Light Levels and the Development of Deprivation Myopia. , 2015, 56, 299.		108
21	<i>Egr-1</i> mRNA Expression Is a Marker for the Direction of Mammalian Ocular Growth. , 2014, 55, 5911.		33
22	Animal Models of Experimental Myopia: Limitations and Synergies with Studies on Human Myopia. , 2014, , 39-58.		7
23	Time outdoors and the prevention of myopia. <i>Experimental Eye Research</i> , 2013, 114, 58-68.	1.2	271
24	Form deprivation and lens-induced myopia: are they different?. <i>Ophthalmic and Physiological Optics</i> , 2013, 33, 355-361.	1.0	45
25	Myopia: Why Study the Mechanisms of Myopia? Novel Approaches to Risk Factors Signaling Eye Growth-How Could Basic Biology Be Translated into Clinical Insights? Where Are Genetic and Proteomic Approaches Leading? How Does Visual Function Contribute to and Interact with Ametropia? Does Eye Shape Matter? Why Ametropia at All?. <i>Optometry and Vision Science</i> . 2011, 88, 404-447.	0.6	10
26	The Effect of Bright Light on Lens Compensation in Chicks. , 2010, 51, 5247.		231
27	Gene Expression within the Amacrine Cell Layer of Chicks after Myopic and Hyperopic Defocus. , 2010, 51, 3726.		18
28	Changes in retinal $\beta$ -crystallin ( <i>cryab</i> ) RNA transcript levels during periods of altered ocular growth in chickens. <i>Experimental Eye Research</i> , 2010, 90, 238-243.	1.2	16
29	Alterations in ZENK and glucagon RNA transcript expression during increased ocular growth in chickens. <i>Molecular Vision</i> , 2010, 16, 639-49.	1.1	27
30	The Effect of Ambient Illuminance on the Development of Deprivation Myopia in Chicks. , 2009, 50, 5348.		283
31	Changes in the expression of Pax6 RNA transcripts in the retina during periods of altered ocular growth in chickens. <i>Experimental Eye Research</i> , 2009, 89, 392-397.	1.2	10
32	A muscarinic cholinergic antagonist and a dopamine agonist rapidly increase ZENK mRNA expression in the form-deprived chicken retina. <i>Experimental Eye Research</i> , 2007, 85, 15-22.	1.2	68