

# Allen Taylor

## List of Publications by Year in descending order

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Version: 2024-02-01

79  
papers

8,243  
citations

159358

30  
h-index

123241

61  
g-index

80  
all docs

80  
docs citations

80  
times ranked

16400  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Coxa Saltans: The Snapping Hip Revisited. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 1995, 3, 303-308.	1.1	259
3	Regulation of Ubiquitin-conjugating Enzymes by Glutathione Following Oxidative Stress. <i>Journal of Biological Chemistry</i> , 1997, 272, 28218-28226.	1.6	254
4	Defining the phenotype of the restless legs syndrome (RLS) using age-of-symptom-onset. <i>Sleep Medicine</i> , 2000, 1, 11-19.	0.8	211
5	Redox regulation of ubiquitin-conjugating enzymes: mechanistic insights using the thiol-specific oxidant diamide. <i>FASEB Journal</i> , 1998, 12, 561-569.	0.2	194
6	Involvement of a gut-retina axis in protection against dietary glycemia-induced age-related macular degeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E4472-E4481.	3.3	179
7	Glycation-altered proteolysis as a pathobiologic mechanism that links dietary glycemic index, aging, and age-related disease (in nondiabetics). <i>Aging Cell</i> , 2012, 11, 1-13.	3.0	161
8	Mechanistic targeting of advanced glycation end-products in age-related diseases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 3631-3643.	1.8	145
9	Dietary hyperglycemia, glycemic index and metabolic retinal diseases. <i>Progress in Retinal and Eye Research</i> , 2011, 30, 18-53.	7.3	132
10	Long-term intake of vitamins and carotenoids and odds of early age-related cortical and posterior subcapsular lens opacities. <i>American Journal of Clinical Nutrition</i> , 2002, 75, 540-549.	2.2	129
11	Fat-soluble nutrient concentrations in different layers of human cataractous lens. <i>Current Eye Research</i> , 1999, 19, 502-505.	0.7	103
12	The Relationship of Major American Dietary Patterns to Age-Related Macular Degeneration. <i>American Journal of Ophthalmology</i> , 2014, 158, 118-127.e1.	1.7	89
13	Informing food choices and health outcomes by use of the dietary glycemic index. <i>Nutrition Reviews</i> , 2011, 69, 231-242.	2.6	85
14	Nutritional modulation of cataract. <i>Nutrition Reviews</i> , 2014, 72, 30-47.	2.6	85
15	Relationship between Dietary Intake and Tissue Levels of Reduced and Total Vitamin C in the Nonscorbutic Guinea Pig. <i>Journal of Nutrition</i> , 1989, 119, 734-740.	1.3	80
16	Dietary calorie restriction in the Emory mouse: effects on lifespan, eye lens cataract prevalence and progression, levels of ascorbate, glutathione, glucose, and glycohemoglobin, tail collagen breaktime, DNA and RNA oxidation, skin integrity, fecundity, and cancer. <i>Mechanisms of Ageing and Development</i> , 1995, 79, 33-57.	2.2	78
17	Dietary carbohydrate and the progression of age-related macular degeneration: a prospective study from the Age-Related Eye Disease Study. <i>American Journal of Clinical Nutrition</i> , 2007, 86, 1210-1218.	2.2	75
18	Nutritional modulation of age-related macular degeneration. <i>Molecular Aspects of Medicine</i> , 2012, 33, 318-375.	2.7	73

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19	Dietary glycemic index and carbohydrate in relation to early age-related macular degeneration. <i>American Journal of Clinical Nutrition</i> , 2006, 83, 880-886.	2.2	72
20	Ageing and cellular maturation cause changes in ubiquitin-eye lens protein conjugates. <i>Archives of Biochemistry and Biophysics</i> , 1990, 276, 32-37.	1.4	62
21	Ubiquitin and ubiquitin conjugates in human lens. <i>Experimental Eye Research</i> , 1992, 55, 897-902.	1.2	62
22	Overall Adherence to the Dietary Guidelines for Americans Is Associated with Reduced Prevalence of Early Age-Related Nuclear Lens Opacities in Women. <i>Journal of Nutrition</i> , 2004, 134, 1812-1819.	1.3	59
23	Altered ubiquitin causes perturbed calcium homeostasis, hyperactivation of calpain, dysregulated differentiation, and cataract. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1071-1076.	3.3	57
24	The Role of Microbiota in Retinal Disease. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1074, 429-435.	0.8	54
25	Nuclear removal during terminal lens fiber cell differentiation requires CDK1 activity: appropriating mitosis-related nuclear disassembly. <i>Development (Cambridge)</i> , 2014, 141, 3388-3398.	1.2	50
26	Natural History of Age-Related Retinal Lesions That Precede AMD in Mice Fed High or Low Glycemic Index Diets. , 2012, 53, 622.		47
27	Dietary restriction delays cataract and reduces ascorbate levels in emory mice. <i>Experimental Eye Research</i> , 1995, 61, 55-62.	1.2	44
28	Roles for the ubiquitin-proteasome pathway in protein quality control and signaling in the retina: Implications in the pathogenesis of age-related macular degeneration. <i>Molecular Aspects of Medicine</i> , 2012, 33, 446-466.	2.7	44
29	Too sweet: Problems of protein glycation in the eye. <i>Experimental Eye Research</i> , 2019, 178, 255-262.	1.2	44
30	Diminishing Risk for Age-Related Macular Degeneration with Nutrition: A Current View. <i>Nutrients</i> , 2013, 5, 2405-2456.	1.7	36
31	Reduced and total ascorbate in guinea pig eye tissues in response to dietary intake. <i>Current Eye Research</i> , 1988, 7, 681-686.	0.7	35
32	Dietary Patterns, Carbohydrates, and Age-Related Eye Diseases. <i>Nutrients</i> , 2020, 12, 2862.	1.7	34
33	A Risk Score for the Prediction of Advanced Age-Related Macular Degeneration. <i>Ophthalmology</i> , 2014, 121, 1421-1427.	2.5	31
34	Degradation of native and oxidized beta-and gamma-crystallin using bovine lens epithelial cell and rabbit reticulocyte extracts. <i>Current Eye Research</i> , 1994, 13, 423-431.	0.7	30
35	Calorie restriction modulates age-dependent changes in the retinas of Brown Norway rats. <i>Mechanisms of Ageing and Development</i> , 2000, 114, 133-147.	2.2	29
36	Unfolded-protein response-associated stabilization of p27(Cdkn1b) interferes with lens fiber cell denucleation, leading to cataract. <i>FASEB Journal</i> , 2016, 30, 1087-1095.	0.2	28

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37	Dietary Carbohydrate in Relation to Cortical and Nuclear Lens Opacities in the Melbourne Visual Impairment Project. , 2010, 51, 2897.		27
38	Studies of advanced glycation end products and oxidation biomarkers for type 2 diabetes. BioFactors, 2018, 44, 281-288.	2.6	27
39	Autophagic receptor p62 protects against glycationâ€derived toxicity and enhances viability. Aging Cell, 2020, 19, e13257.	3.0	27
40	Cataract incidence and analysis of lens crystallins in the water-, urea-and SDS-soluble fractions of Emory mice fed a diet restricted by 40% in calories. Current Eye Research, 1993, 12, 1081-1091.	0.7	24
41	Glyoxalase System as a Therapeutic Target against Diabetic Retinopathy. Antioxidants, 2020, 9, 1062.	2.2	23
42	A low glycemic diet protects disease-prone Nrf2-deficient mice against age-related macular degeneration. Free Radical Biology and Medicine, 2020, 150, 75-86.	1.3	23
43	Dietary Energy Restriction Decreases Ex Vivo Spleen Prostaglandin E2 Synthesis in Emory Mice. Journal of Nutrition, 1990, 120, 112-115.	1.3	21
44	Visualization of Dietary Patterns and Their Associations With Age-Related Macular Degeneration. , 2017, 58, 1404.		20
45	Calorie restriction increases light-dependent photoreceptor cell loss in the neural retina of Fischer 344 rats. Neurobiology of Aging, 2000, 21, 639-645.	1.5	18
46	Synchrotron infrared imaging of advanced glycation endproducts (AGEs) in cardiac tissue from mice fed high glycemic diets. Biomedical Spectroscopy and Imaging, 2013, 2, 301-315.	1.2	18
47	Gut microbiota modify risk for dietary glycemia-induced age-related macular degeneration. Gut Microbes, 2018, 9, 1-6.	4.3	18
48	The Glyoxalase System in Age-Related Diseases: Nutritional Intervention as Anti-Ageing Strategy. Cells, 2021, 10, 1852.	1.8	18
49	Stabilization of p27 <sup>Kip1</sup> /CDKN1B by UBC7/UBE2L3 catalyzed ubiquitinylation: a new paradigm in cellâ€cycle control. FASEB Journal, 2019, 33, 1235-1247.	0.2	17
50	Mechanistically linking age-related diseases and dietary carbohydrate via autophagy and the ubiquitin proteolytic systems. Autophagy, 2012, 8, 1404-1406.	4.3	15
51	Aging in the eye lens: Roles for proteolysis and nutrition in formation of cataract. Age, 1991, 14, 65-71.	3.0	13
52	Reply to J Gmez-Ambrosi et al. American Journal of Clinical Nutrition, 2004, 79, 889.	2.2	13
53	Aged Nrf2-Null Mice Develop All Major Types of Age-Related Cataracts. , 2021, 62, 10.		13
54	Introduction to the issue regarding research regarding age related macular degeneration. Molecular Aspects of Medicine, 2012, 33, 291-294.	2.7	8

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55	Loss of Adipocyte VEGF Impairs Endurance Exercise Capacity in Mice. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 2329-2339.	0.2	8
56	Article reviewed: Sleep apnea and daytime sleepiness and fatigue: related to visceral obesity, insulin resistance, and hypercytokinemia. <i>Sleep Medicine</i> , 2000, 1, 249-250.	0.8	7
57	Associations between Periodontal Microbiota and Death Rates. <i>Scientific Reports</i> , 2016, 6, 35428.	1.6	7
58	Gene-Diet Interactions in Age-Related Macular Degeneration. <i>Advances in Experimental Medicine and Biology</i> , 2016, 854, 95-101.	0.8	7
59	Article reviewed: Impact of sleep dept on metabolic and endocrine function. <i>Sleep Medicine</i> , 2000, 1, 149-150.	0.8	4
60	Boosting proteolytic pathways as a treatment against glycation-derived damage in the brain?. <i>Neural Regeneration Research</i> , 2022, 17, 320.	1.6	4
61	Generation and Characterization of Anti-Glucosepane Antibodies Enabling Direct Detection of Glucosepane in Retinal Tissue. <i>ACS Chemical Biology</i> , 2020, 15, 2655-2661.	1.6	3
62	Article reviewed: Hypocretin (orexin) deficiency in human narcolepsy. <i>Sleep Medicine</i> , 2000, 1, 147-148.	0.8	2
63	Article reviewed: The influence of sex, age and sleep/wake state on characteristics of periodic leg movements in restless leg syndrome patients. <i>Sleep Medicine</i> , 2000, 1, 151-153.	0.8	2
64	The 2001 Assessment of Nutritional Influences on Risk of Cataract. , 2002, 6, 163-191.		2
65	Articles reviewed: 1. Sleep deprivation-induced reduction in cortical functional response to serial subtraction. 2. Altered brain response to verbal learning following sleep deprivation. <i>Sleep Medicine</i> , 2000, 1, 245-246.	0.8	1
66	Article reviewed: Reduction of rapid eye movement sleep by diurnal and nocturnal seizures in temporal lobe epilepsy. <i>Sleep Medicine</i> , 2000, 1, 247-248.	0.8	1
67	On â€œsomerization as the secret Achillesâ€™ heel of long-lived proteinsâ€™. <i>Journal of Biological Chemistry</i> , 2019, 294, 9689.	1.6	0
68	Oxidative inactivation of the proteasome: a potential link between oxidative stress and upregulation of ILâ€™8. <i>FASEB Journal</i> , 2008, 22, 1120.8.	0.2	0
69	Proteasome Inactivation Promotes p38 MAPKâ€™Dependent PI3K Activation and Increases ILâ€™8 Production. <i>FASEB Journal</i> , 2009, 23, 530.6.	0.2	0
70	Carbohydrate nutrition and cataract. <i>FASEB Journal</i> , 2010, 24, 93.8.	0.2	0
71	Dose dependent effects of dominantâ€™negative K6Wâ€™ubiquitin: Construction of miniâ€™genes that encode multiple copies to K6Wâ€™ubiquitin. <i>FASEB Journal</i> , 2010, 24, lb91.	0.2	0
72	Dietary Glycemic Index as a Modulator of Ageâ€™Related Macular Degeneration. <i>FASEB Journal</i> , 2011, 25, lb284.	0.2	0

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73	Lutein and Zeaxanthin Supplementation Suppresses Ocular and Systemic Inflammatory Response. FASEB Journal, 2011, 25, 95.6.	0.2	0
74	The ubiquitin conjugating enzyme UbcH10 competes with UbcH3 for binding to the SCF complex, a ubiquitin ligase involved in cell cycle progression. FASEB Journal, 2013, 27, 1027.7.	0.2	0
75	Enhancement of ubiquitin conjugating activity promotes the clearance of aggregation-prone mutant proteins in living cells. FASEB Journal, 2013, 27, 553.19.	0.2	0
76	Expression of K6W-ubiquitin in the lens perturbs calcium homeostasis and results in calpain hyperactivation and differentiation abnormality. FASEB Journal, 2013, 27, 785.7.	0.2	0
77	Effects of Cfh genotype and dietary glycemic index on age-related macular degeneration in mice. FASEB Journal, 2013, 27, .	0.2	0
78	The Ubiquitin Conjugating Enzyme UbcH7, controls cell migration. FASEB Journal, 2013, 27, 785.4.	0.2	0
79	American Minor Dietary Patterns and Age-related Macular Degeneration. FASEB Journal, 2015, 29, 736.5.	0.2	0