Allen Taylor

List of Publications by Year in Descending Order

79 papers	6,617 citations	30 h-index	80 g-index
80 ext. papers	7,538 ext. citations	5 avg, IF	5.03 L-index

#	Paper	IF	Citations
79	Boosting proteolytic pathways as a treatment against glycation-derived damage in the brain?. *Neural Regeneration Research*, **2022**, 17, 320-322	4.5	1
78	The Glyoxalase System in Age-Related Diseases: Nutritional Intervention as Anti-Ageing Strategy. *Cells*, **2021**, 10,	7.9	3
77	Aged Nrf2-Null Mice Develop All Major Types of Age-Related Cataracts **2021**, 62, 10		1
76	Glyoxalase System as a Therapeutic Target against Diabetic Retinopathy. *Antioxidants*, **2020**, 9,	7.1	10
75	Autophagic receptor p62 protects against glycation-derived toxicity and enhances viability. *Aging Cell*, **2020**, 19, e13257	9.9	14
74	A low glycemic diet protects disease-prone Nrf2-deficient mice against age-related macular degeneration. *Free Radical Biology and Medicine*, **2020**, 150, 75-86	7.8	8
73	Generation and Characterization of Anti-Glucosepane Antibodies Enabling Direct Detection of Glucosepane in Retinal Tissue. *ACS Chemical Biology*, **2020**, 15, 2655-2661	4.9	0
72	Dietary Patterns, Carbohydrates, and Age-Related Eye Diseases. *Nutrients*, **2020**, 12,	6.7	7
71	Stabilization of p27/CDKN1B by UBCH7/UBE2L3 catalyzed ubiquitinylation: a new paradigm in cell-cycle control. *FASEB Journal*, **2019**, 33, 1235-1247	0.9	10
70	Too sweet: Problems of protein glycation in the eye. *Experimental Eye Research*, **2019**, 178, 255-262	3.7	31
69	On "Isomerization as the secret AchillesRheel of long-lived proteins". *Journal of Biological Chemistry* , **2019**, 294, 9689	5.4	
68	Gut microbiota modify risk for dietary glycemia-induced age-related macular degeneration. *Gut Microbes*, **2018**, 9, 452-457	8.8	11
67	Studies of advanced glycation end products and oxidation biomarkers for type 2 diabetes. *BioFactors*, **2018**, 44, 281-288	6.1	25
66	The Role of Microbiota in Retinal Disease. *Advances in Experimental Medicine and Biology*, **2018**, 1074, 429-435	3.6	28
65	Mechanistic targeting of advanced glycation end-products in age-related diseases. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2018**, 1864, 3631-3643	6.9	75
64	Involvement of a gut-retina axis in protection against dietary glycemia-induced age-related macular degeneration. *Proceedings of the National Academy of Sciences of the United States of America*, **2017** , 114, E4472-E4481	11.5	117
63	Visualization of Dietary Patterns and Their Associations With Age-Related Macular Degeneration **2017**, 58, 1404-1410		11

62	Gene-Diet Interactions in Age-Related Macular Degeneration. *Advances in Experimental Medicine and Biology*, **2016**, 854, 95-101	3.6	6
61	Associations between Periodontal Microbiota and Death Rates. *Scientific Reports*, **2016**, 6, 35428	4.9	5
60	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
59	Unfolded-protein response-associated stabilization of p27(Cdkn1b) interferes with lens fiber cell denucleation, leading to cataract. *FASEB Journal*, **2016**, 30, 1087-95	0.9	21
58	Loss of Adipocyte VEGF Impairs Endurance Exercise Capacity in Mice. *Medicine and Science in Sports and Exercise*, **2015**, 47, 2329-39	1.2	7
57	Altered ubiquitin causes perturbed calcium homeostasis, hyperactivation of calpain, dysregulated differentiation, and cataract. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 1071-6	11.5	37
56	American Minor Dietary Patterns and Age-related Macular Degeneration. *FASEB Journal*, **2015**, 29, 736.5	0.9	
55	Nutritional modulation of cataract. *Nutrition Reviews*, **2014**, 72, 30-47	6.4	68
54	Nuclear removal during terminal lens fiber cell differentiation requires CDK1 activity: appropriating mitosis-related nuclear disassembly. *Development (Cambridge)*, **2014**, 141, 3388-98	6.6	35
53	The relationship of major American dietary patterns to age-related macular degeneration. *American Journal of Ophthalmology*, **2014**, 158, 118-127.e1	4.9	63
52	A risk score for the prediction of advanced age-related macular degeneration: development and validation in 2 prospective cohorts. *Ophthalmology*, **2014**, 121, 1421-7	7.3	22
51	Diminishing risk for age-related macular degeneration with nutrition: a current view. *Nutrients*, **2013**, 5, 2405-56	6.7	32
50	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	1.3	14
49	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	0.9	
48	Enhancement of ubiquitin conjugating activity promotes the clearance of aggregation-prone mutant proteins in living cells. *FASEB Journal*, **2013**, 27, 553.19	0.9	
47	Expression of K6W-ubiquitin in the lens perturbs calcium homeostasis and results in calpain hyperactivation and differentiation abnormality. *FASEB Journal*, **2013**, 27, 785.7	0.9	
46	The Ubiquitin Conjugating Enzyme UbcH7, controls cell migration. *FASEB Journal*, **2013**, 27, 785.4	0.9	
45	Mechanistically linking age-related diseases and dietary carbohydrate via autophagy and the ubiquitin proteolytic systems. *Autophagy*, **2012**, 8, 1404-6	10.2	13

44	Introduction to the issue regarding research regarding age related macular degeneration. *Molecular Aspects of Medicine*, **2012**, 33, 291-4	16.7	7
43	Nutritional modulation of age-related macular degeneration. *Molecular Aspects of Medicine*, **2012**, 33, 318-75	16.7	61
42	Roles for the ubiquitin-proteasome pathway in protein quality control and signaling in the retina: implications in the pathogenesis of age-related macular degeneration. *Molecular Aspects of Medicine*, **2012**, 33, 446-66	16.7	33
41	Glycation-altered proteolysis as a pathobiologic mechanism that links dietary glycemic index, aging, and age-related disease (in nondiabetics). *Aging Cell*, **2012**, 11, 1-13	9.9	130
40	Natural history of age-related retinal lesions that precede AMD in mice fed high or low glycemic index diets **2012**, 53, 622-32		42
39	Informing food choices and health outcomes by use of the dietary glycemic index. *Nutrition Reviews* , **2011**, 69, 231-42	6.4	71
38	Dietary hyperglycemia, glycemic index and metabolic retinal diseases. *Progress in Retinal and Eye Research*, **2011**, 30, 18-53	20.5	96
37	Dietary Glycemic Index as a Modulator of Age-Related Macular Degeneration. *FASEB Journal*, **2011**, 25, lb284	0.9	
36	Lutein and Zeaxanthin Supplementation Suppresses Ocular and Systemic Inflammatory Response. *FASEB Journal*, **2011**, 25, 95.6	0.9	
35	Dietary carbohydrate in relation to cortical and nuclear lens opacities in the melbourne visual impairment project **2010**, 51, 2897-905		22
34	Carbohydrate nutrition and cataract. *FASEB Journal*, **2010**, 24, 93.8	0.9	
33	Dose dependent effects of dominant-negative K6W-ubiquitin: Construction of mini-genes that encode multiple copies to K6W-ubiquitin. *FASEB Journal*, **2010**, 24, lb91	0.9	
32	Proteasome Inactivation Promotes p38 MAPK-Dependent PI3K Activation and Increases IL-8 Production. *FASEB Journal*, **2009**, 23, 530.6	0.9	
31	Oxidative inactivation of the proteasome: a potential link between oxidative stress and upregulation of IL-8. *FASEB Journal*, **2008**, 22, 1120.8	0.9	
30	Dietary carbohydrate and the progression of age-related macular degeneration: a prospective study from the Age-Related Eye Disease Study. *American Journal of Clinical Nutrition*, **2007**, 86, 1210-8	7	58
29	Dietary glycemic index and carbohydrate in relation to early age-related macular degeneration. *American Journal of Clinical Nutrition*, **2006**, 83, 880-6	7	54
28	Overall adherence to the dietary guidelines for americans is associated with reduced prevalence of early age-related nuclear lens opacities in women. *Journal of Nutrition*, **2004**, 134, 1812-9	4.1	45
27	Vitamin D and type 1 diabetes. *American Journal of Clinical Nutrition*, **2004**, 79, 889-90; author reply 890	7	8

26	Long-term intake of vitamins and carotenoids and odds of early age-related cortical and posterior subcapsular lens opacities. *American Journal of Clinical Nutrition*, **2002**, 75, 540-9	7	115
25	The 2001 assessment of nutritional influences on risk of cataract. *Nestle Nutrition Workshop Series Clinical & Performance Programme*, **2002**, 6, 163-89; discussion 189-91		1
24	Calorie restriction modulates age-dependent changes in the retinas of Brown Norway rats. *Mechanisms of Ageing and Development*, **2000**, 114, 133-47	5.6	25
23	Calorie restriction increases light-dependent photoreceptor cell loss in the neural retina of fischer 344 rats. *Neurobiology of Aging*, **2000**, 21, 639-45	5.6	16
22	Article reviewed: Hypocretin (orexin) deficiency in human narcolepsy. *Sleep Medicine*, **2000**, 1, 147-148	4.6	2
21	Article reviewed: Impact of sleep dept on metabolic and endocrine function. *Sleep Medicine*, **2000**, 1, 149-150	4.6	4
20	Article reviewed: The influence of sex, age and sleep/wake state on characteristics of periodic leg movements in restless leg syndrome patients. *Sleep Medicine*, **2000**, 1, 151-153	4.6	2
19	Articles reviewed: 1. Sleep deprivation-induced reduction in cortical functional response to serial subtraction. 2. Altered brain response to verbal learning following sleep deprivation. *Sleep Medicine* , **2000**, 1, 245-246	4.6	1
18	Article reviewed: Reduction of rapid eye movement sleep by diurnal and nocturnal seizures in temporal lobe epilepsy. *Sleep Medicine*, **2000**, 1, 247-248	4.6	1
17	Article reviewed: Sleep apnea and daytime sleepiness and fatigue: related to visceral obesity, insulin resistance, and hypercytokinemia. *Sleep Medicine*, **2000**, 1, 249-250	4.6	5
16	Defining the phenotype of the restless legs syndrome (RLS) using age-of-symptom-onset. *Sleep Medicine*, **2000**, 1, 11-19	4.6	184
15	Fat-soluble nutrient concentrations in different layers of human cataractous lens. *Current Eye Research*, **1999**, 19, 502-5	2.9	94
14	Redox regulation of ubiquitin-conjugating enzymes: mechanistic insights using the thiol-specific oxidant diamide. *FASEB Journal*, **1998**, 12, 561-9	0.9	184
13	Regulation of ubiquitin-conjugating enzymes by glutathione following oxidative stress. *Journal of Biological Chemistry*, **1997**, 272, 28218-26	5.4	220
12	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. *Mechanisms of Ageing and Development*, **1995**, 79, 33-57	5.6	70
11	Dietary restriction delays cataract and reduces ascorbate levels in Emory mice. *Experimental Eye Research*, **1995**, 61, 55-62	3.7	34
10	Coxa Saltans: The Snapping Hip Revisited. *Journal of the American Academy of Orthopaedic Surgeons, The*, **1995**, 3, 303-308	4.5	221
9	Degradation of native and oxidized beta- and gamma-crystallin using bovine lens epithelial cell and rabbit reticulocyte extracts. *Current Eye Research*, **1994**, 13, 423-31	2.9	30

8	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, 1081-91	2.9	20
7	Ubiquitin and ubiquitin conjugates in human lens. *Experimental Eye Research*, **1992**, 55, 897-902	3.7	57
6	Aging in the eye lens: Roles for proteolysis and nutrition in formation of cataract **1991**, 14, 65-71		13
5	Dietary energy restriction decreases ex vivo spleen prostaglandin E2 synthesis in Emory mice. *Journal of Nutrition*, **1990**, 120, 112-5	4.1	16
4	Aging and cellular maturation cause changes in ubiquitin-eye lens protein conjugates. *Archives of Biochemistry and Biophysics*, **1990**, 276, 32-7	4.1	58
3	Relationship between dietary intake and tissue levels of reduced and total vitamin C in the nonscorbutic guinea pig. *Journal of Nutrition*, **1989**, 119, 734-40	4.1	70
2	Reduced and total ascorbate in guinea pig eye tissues in response to dietary intake. *Current Eye Research*, **1988**, 7, 681-6	2.9	33
1	Ubiquitin Conjugates: A Sensitive Marker of Oxidative Stress219-228		1