Goldis Malek

List of Publications by Citations

40 papers	2,539 citations	20 h-index	47 g-index
47 ext. papers	2,936 ext. citations	6 avg, IF	4.64 L-index

#	Paper	IF	Citations
40	The pivotal role of the complement system in aging and age-related macular degeneration: hypothesis re-visited. *Progress in Retinal and Eye Research*, **2010**, 29, 95-112	20.5	555
39	Reticular pseudodrusen are subretinal drusenoid deposits. *Ophthalmology*, **2010**, 117, 303-12.e1	7.3	325
38	Apolipoprotein E allele-dependent pathogenesis: a model for age-related retinal degeneration. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 11900-5	11.5	223
37	Apolipoprotein B in cholesterol-containing drusen and basal deposits of human eyes with age-related maculopathy. *American Journal of Pathology*, **2003**, 162, 413-25	5.8	207
36	Esterified and unesterified cholesterol in drusen and basal deposits of eyes with age-related maculopathy. *Experimental Eye Research*, **2005**, 81, 731-41	3.7	192
35	Sub-retinal drusenoid deposits in human retina: organization and composition. *Experimental Eye Research*, **2008**, 87, 402-8	3.7	151
34	Lipoprotein-like particles and cholesteryl esters in human Bruchʼs membrane: initial characterization. *Investigative Ophthalmology and Visual Science*, **2005**, 46, 2576-86		118
33	Peripapillary chorioretinal atrophy: Bruchʼs membrane changes and photoreceptor loss. *Ophthalmology*, **2000**, 107, 334-43	7.3	106
32	Molecular genetics of AMD and current animal models. *Angiogenesis*, **2007**, 10, 119-32	10.6	82
31	Dominant late-onset retinal degeneration with regional variation of sub-retinal pigment epithelium deposits, retinal function, and photoreceptor degeneration. *Ophthalmology*, **2000**, 107, 2256-66	7.3	64
30	Aryl hydrocarbon receptor deficiency causes dysregulated cellular matrix metabolism and age-related macular degeneration-like pathology. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, E4069-78	11.5	62
29	Insulin-like growth factor-1 contributes to neovascularization in age-related macular degeneration. *Biochemical and Biophysical Research Communications*, **2004**, 323, 1203-8	3.4	52
28	Research resource: nuclear receptor atlas of human retinal pigment epithelial cells: potential relevance to age-related macular degeneration. *Molecular Endocrinology*, **2011**, 25, 360-72		47
27	The fibroblast growth factor receptors, FGFR-1 and FGFR-2, mediate two independent signalling pathways in human retinal pigment epithelial cells. *Biochemical and Biophysical Research Communications*, **2005**, 337, 241-7	3.4	46
26	Emerging roles for nuclear receptors in the pathogenesis of age-related macular degeneration. *Cellular and Molecular Life Sciences*, **2014**, 71, 4617-36	10.3	35
25	The Mechanism of Diabetic Retinopathy Pathogenesis Unifying Key Lipid Regulators, Sirtuin 1 and Liver X Receptor. *EBioMedicine*, **2017**, 22, 181-190	8.8	31
24	Aryl hydrocarbon receptor knock-out exacerbates choroidal neovascularization via multiple pathogenic pathways. *Journal of Pathology*, **2015**, 235, 101-12	9.4	29

23	Oxidative stress-induced expression and modulation of Phosphatase of Regenerating Liver-1 (PRL-1) in mammalian retina. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2007**, 1773, 1473-82	4.9	25
22	Impaired monocyte cholesterol clearance initiates age-related retinal degeneration and vision loss. *JCI Insight*, **2018**, 3,	9.9	25
21	PPARβ/δ selectively regulates phenotypic features of age-related macular degeneration. *Aging*, **2016**, 8, 1952-1978	5.6	23
20	Models of retinal diseases and their applicability in drug discovery. *Expert Opinion on Drug Discovery* , **2018**, 13, 359-377	6.2	20
19	Bone marrow transplantation transfers age-related susceptibility to neovascular remodeling in murine laser-induced choroidal neovascularization **2013**, 54, 7439-49		17
18	Age-Related Macular Degeneration Revisited: From Pathology and Cellular Stress to Potential Therapies. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 612812	5.7	13
17	LXRs regulate features of age-related macular degeneration and may be a potential therapeutic target. *JCI Insight*, **2020**, 5,	9.9	11
16	Recurrent choroidal neovascularization after macular translocation surgery with 360-degree peripheral retinectomy. *Retina*, **2008**, 28, 1221-7	3.6	10
15	Suppression of aberrant choroidal neovascularization through activation of the aryl hydrocarbon receptor. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2018**, 1864, 1583-1595	6.9	8
14	A Brief Discussion on Lipid Activated Nuclear Receptors and their Potential Role in Regulating Microglia in Age-Related Macular Degeneration (AMD). *Advances in Experimental Medicine and Biology*, **2016**, 854, 45-51	3.6	8
13	Rethinking Nuclear Receptors as Potential Therapeutic Targets for Retinal Diseases. *Journal of Biomolecular Screening*, **2016**, 21, 1007-1018		7
12	Nuclear receptors as potential therapeutic targets for age-related macular degeneration. *Advances in Experimental Medicine and Biology*, **2014**, 801, 317-21	3.6	7
11	Leveraging Nuclear Receptors as Targets for Pathological Ocular Vascular Diseases. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	6
10	A Review of Pathogenic Drivers of Age-Related Macular Degeneration, Beyond Complement, with a Focus on Potential Endpoints for Testing Therapeutic Interventions in Preclinical Studies. *Advances in Experimental Medicine and Biology*, **2019**, 1185, 9-13	3.6	6
9	The Aryl Hydrocarbon Receptor: A Mediator and Potential Therapeutic Target for Ocular and Non-Ocular Neurodegenerative Diseases. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	6
8	Quick-freeze/deep-etch electron microscopy visualization of the mouse posterior pole. *Experimental Eye Research*, **2017**, 162, 62-72	3.7	4
7	Initial observations of key features of age-related macular degeneration in APOE targeted replacement mice. *Advances in Experimental Medicine and Biology*, **2006**, 572, 109-17	3.6	4
6	PPAR nuclear receptors and altered RPE lipid metabolism in age-related macular degeneration. *Advances in Experimental Medicine and Biology*, **2010**, 664, 429-36	3.6	4

5	Exploring the potential role of the oxidant-activated transcription factor aryl hydrocarbon receptor in the pathogenesis of AMD. *Advances in Experimental Medicine and Biology*, **2012**, 723, 51-9	3.6	3
4	Cell Line Authentication in Vision Research and Beyond: A Tale Retold **2020**, 61, 19		2
3	ERG responses and microarray analysis of gene expression in a multifactorial murine model of age-related retinal degeneration. *Advances in Experimental Medicine and Biology*, **2008**, 613, 165-70	3.6	2
2	Characterization of Calcium Phosphate Spherical Particles in the Sub-Retinal Pigment Epithelium Basal Lamina Space in Aged Human Eyes. *Ophthalmology Science*, **2021**, 1, 100053		1
1	Models of Pathologies Associated with Age-Related Macular Degeneration and Their Utilities in Drug Discovery. *Topics in Medicinal Chemistry*, **2020**, 83-123	0.4	0