

# Jonathan H Lin

## List of Publications by Year in descending order

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65  
papers

5,133  
citations

201674

27  
h-index

182427

51  
g-index

67  
all docs

67  
docs citations

67  
times ranked

7104  
citing authors

#	ARTICLE	IF	CITATIONS
1	IRE1 Signaling Affects Cell Fate During the Unfolded Protein Response. <i>Science</i> , 2007, 318, 944-949.	12.6	1,221
2	Regulated Ire1-dependent decay of messenger RNAs in mammalian cells. <i>Journal of Cell Biology</i> , 2009, 186, 323-331.	5.2	841
3	BAX Inhibitor-1 Is a Negative Regulator of the ER Stress Sensor IRE1 $\beta$ . <i>Molecular Cell</i> , 2009, 33, 679-691.	9.7	281
4	Restoration of visual function in P23H rhodopsin transgenic rats by gene delivery of BiP/Grp78. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 5961-5966.	7.1	265
5	Divergent Effects of PERK and IRE1 Signaling on Cell Viability. <i>PLoS ONE</i> , 2009, 4, e4170.	2.5	265
6	WNT7A and PAX6 define corneal epithelium homeostasis and pathogenesis. <i>Nature</i> , 2014, 511, 358-361.	27.8	193
7	Mutations in the unfolded protein response regulator ATF6 cause the cone dysfunction disorder achromatopsia. <i>Nature Genetics</i> , 2015, 47, 757-765.	21.4	183
8	Multiple Mechanisms of Unfolded Protein Response-Induced Cell Death. <i>American Journal of Pathology</i> , 2015, 185, 1800-1808.	3.8	152
9	Robust Endoplasmic Reticulum-Associated Degradation of Rhodopsin Precedes Retinal Degeneration. <i>Molecular Neurobiology</i> , 2015, 52, 679-695.	4.0	119
10	The unfolded protein response is shaped by the NMD pathway. <i>EMBO Reports</i> , 2015, 16, 599-609.	4.5	98
11	Translational and posttranslational regulation of XIAP by eIF2 $\beta$ and ATF4 promotes ER stress-induced cell death during the unfolded protein response. <i>Molecular Biology of the Cell</i> , 2014, 25, 1411-1420.	2.1	94
12	Selective Activation of ATF6 and PERK Endoplasmic Reticulum Stress Signaling Pathways Prevent Mutant Rhodopsin Accumulation. , 2012, 53, 7159.		86
13	Intercellular transmission of the unfolded protein response promotes survival and drug resistance in cancer cells. <i>Science Signaling</i> , 2017, 10, .	3.6	84
14	ER stress and unfolded protein response in ocular health and disease. <i>FEBS Journal</i> , 2019, 286, 399-412.	4.7	79
15	Induction of Endoplasmic Reticulum Stress Genes, BiP and Chop, in Genetic and Environmental Models of Retinal Degeneration. , 2012, 53, 7590.		75
16	General Pathophysiology in Retinal Degeneration. <i>Developments in Ophthalmology</i> , 2014, 53, 33-43.	0.1	74
17	Transcriptome sequencing uncovers novel long noncoding and small nucleolar RNAs dysregulated in head and neck squamous cell carcinoma. <i>Rna</i> , 2015, 21, 1122-1134.	3.5	74
18	IRE1 directs proteasomal and lysosomal degradation of misfolded rhodopsin. <i>Molecular Biology of the Cell</i> , 2012, 23, 758-770.	2.1	64

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19	Orbital Granulomatosis With Polyangiitis (Wegener Granulomatosis): Clinical and Pathologic Findings. <i>Archives of Pathology and Laboratory Medicine</i> , 2014, 138, 1110-1114.	2.5	60
20	Misfolded Proteins and Retinal Dystrophies. <i>Advances in Experimental Medicine and Biology</i> , 2010, 664, 115-121.	1.6	58
21	The unfolded protein response regulator ATF6 promotes mesodermal differentiation. <i>Science Signaling</i> , 2018, 11, .	3.6	54
22	The loss of glucose-regulated protein 78 (GRP78) during normal aging or from siRNA knockdown augments human alpha-synuclein ( $\alpha$ -syn) toxicity to rat nigral neurons. <i>Neurobiology of Aging</i> , 2015, 36, 2213-2223.	3.1	50
23	Achromatopsia mutations target sequential steps of ATF6 activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 400-405.	7.1	50
24	The Unfolded Protein Response Is a Major Mechanism by Which LRP1 Regulates Schwann Cell Survival after Injury. <i>Journal of Neuroscience</i> , 2011, 31, 13376-13385.	3.6	49
25	Prion Seeds Distribute throughout the Eyes of Sporadic Creutzfeldt-Jakob Disease Patients. <i>MBio</i> , 2018, 9, .	4.1	48
26	Endoplasmic reticulum stress in human photoreceptor diseases. <i>Brain Research</i> , 2016, 1648, 538-541.	2.2	46
27	Characterization of Retinal Structure in $\alpha$ -ATF6-Associated Achromatopsia. , 2019, 60, 2631.		43
28	IRE1 $\alpha$ regulates macrophage polarization, PD-L1 expression, and tumor survival. <i>PLoS Biology</i> , 2020, 18, e3000687.	5.6	42
29	Monitoring and Manipulating Mammalian Unfolded Protein Response. <i>Methods in Enzymology</i> , 2011, 491, 183-198.	1.0	39
30	Tauopathy-Associated PERK Alleles are Functional Hypomorphs that Increase Neuronal Vulnerability to ER Stress. <i>Human Molecular Genetics</i> , 2018, 27, 3951-3963.	2.9	36
31	PERK-mediated induction of microRNA-483 disrupts cellular ATP homeostasis during the unfolded protein response. <i>Journal of Biological Chemistry</i> , 2020, 295, 237-249.	3.4	33
32	ATF6 is essential for human cone photoreceptor development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	31
33	Autosomal recessive cone-rod dystrophy can be caused by mutations in the ATF6 gene. <i>European Journal of Human Genetics</i> , 2017, 25, 1210-1216.	2.8	29
34	Ablation of Chop Transiently Enhances Photoreceptor Survival but Does Not Prevent Retinal Degeneration in Transgenic Mice Expressing Human P23H Rhodopsin. <i>Advances in Experimental Medicine and Biology</i> , 2016, 854, 185-191.	1.6	24
35	In Vivo Visualization of Endoplasmic Reticulum Stress in the Retina Using the ERAI Reporter Mouse. , 2015, 56, 6961.		20
36	iPSC-Derived Retinal Pigment Epithelium Allografts Do Not Elicit Detrimental Effects in Rats: A Follow-Up Study. <i>Stem Cells International</i> , 2016, 2016, 1-8.	2.5	16

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37	Endoplasmic Reticulum-Associated Degradation (ERAD) of Misfolded Glycoproteins and Mutant P23H Rhodopsin in Photoreceptor Cells. <i>Advances in Experimental Medicine and Biology</i> , 2012, 723, 559-565.	1.6	15
38	The Effects of IRE1, ATF6, and PERK Signaling on adRP-Linked Rhodopsins. <i>Advances in Experimental Medicine and Biology</i> , 2014, 801, 661-667.	1.6	14
39	IRE1 $\pm$ and IGF signaling predict resistance to an endoplasmic reticulum stress-inducing drug in glioblastoma cells. <i>Scientific Reports</i> , 2020, 10, 8348.	3.3	13
40	Multixon deletion alleles of ATF6 linked to achromatopsia. <i>JCI Insight</i> , 2020, 5, .	5.0	13
41	ATF6 is required for efficient rhodopsin clearance and retinal homeostasis in the P23H rho retinitis pigmentosa mouse model. <i>Scientific Reports</i> , 2021, 11, 16356.	3.3	12
42	ARCAM-1 Facilitates Fluorescence Detection of Amyloid-Containing Deposits in the Retina. <i>Translational Vision Science and Technology</i> , 2021, 10, 5.	2.2	11
43	Reticular Pseudodrusen in Late-Onset Retinal Degeneration. <i>Ophthalmology Retina</i> , 2021, 5, 1043-1051.	2.4	10
44	Endoplasmic Reticulum Stress in Vertebrate Mutant Rhodopsin Models of Retinal Degeneration. <i>Advances in Experimental Medicine and Biology</i> , 2014, 801, 585-592.	1.6	10
45	Masquerading Orbital Sarcoidosis with Isolated Extraocular Muscle Involvement. <i>Open Ophthalmology Journal</i> , 2016, 10, 140-145.	0.2	9
46	p16INK4A expression is frequently increased in periorbital and ocular squamous lesions. <i>Diagnostic Pathology</i> , 2015, 10, 175.	2.0	8
47	GNAQ and PMS1 Mutations Associated with Uveal Melanoma, Ocular Surface Melanosis, and Nevus of Ota. <i>Ocular Oncology and Pathology</i> , 2019, 5, 267-272.	1.0	8
48	Preferentially Expressed Antigen in Melanoma Immunohistochemistry Labeling in Uveal Melanomas. <i>Ocular Oncology and Pathology</i> , 2022, 8, 133-140.	1.0	8
49	JAK2 V617F mutation in plasma cell-free DNA preceding clinically overt myelofibrosis: Implications for early diagnosis. <i>Cancer Biology and Therapy</i> , 2018, 19, 664-668.	3.4	4
50	p16 Expression Correlates with Invasive Ocular Surface Squamous Neoplasms in HIV-Infected Mozambicans. <i>Ocular Oncology and Pathology</i> , 2020, 6, 123-128.	1.0	4
51	PREVALENCE OF MISMATCH REPAIR GENE MUTATIONS IN UVEAL MELANOMA. <i>Retina</i> , 2020, 40, 2216-2220.	1.7	4
52	Neuroprotective Role of Akt in Hypoxia Adaptation in Andeans. <i>Frontiers in Neuroscience</i> , 2020, 14, 607711.	2.8	4
53	Pathomechanisms of ATF6-Associated Cone Photoreceptor Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1185, 305-310.	1.6	4
54	Beware of the sneeze. <i>Survey of Ophthalmology</i> , 2020, 65, 592-596.	4.0	2

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55	Genetic Pathways in Retinal Degenerations and Targets for Therapy. , 2012, , 356-372.		2
56	Proteostasis Modulation Prevents Photoreceptor Pathology in Retinal Organoids. SSRN Electronic Journal, 0, , .	0.4	1
57	Genome Sequencing and Apoptotic Markers to Assess Treatment Response of Lacrimal Gland Adenoid Cystic Carcinoma to Intra-Arterial Cyto-reductive Chemotherapy. Ophthalmic Plastic and Reconstructive Surgery, 2022, 38, e44-e47.	0.8	1
58	Colorectal carcinoma presenting in the orbit: mass effect from an uncommon cause. Orbit, 2021, 40, 338-341.	0.8	0
59	Metastasis of Lung Adenocarcinoma to the Lacrimal Sac. Ophthalmic Plastic and Reconstructive Surgery, 2021, 37, S152-S154.	0.8	0
60	Radiation-Induced Hyalinizing Clear Cell Carcinoma of the Orbit. Ophthalmic Plastic and Reconstructive Surgery, 2021, 37, e21-e23.	0.8	0
61	BILATERAL SERPIGINOUS-LIKE CHORIORETINITIS ASSOCIATED WITH CILIOCHOROIDAL MELANOMA. Retina, 2022, 42, 824-830.	1.7	0
62	IRE1 $\pm$ regulates macrophage polarization, PD-L1 expression, and tumor survival. , 2020, 18, e3000687.		0
63	IRE1 $\pm$ regulates macrophage polarization, PD-L1 expression, and tumor survival. , 2020, 18, e3000687.		0
64	IRE1 $\pm$ regulates macrophage polarization, PD-L1 expression, and tumor survival. , 2020, 18, e3000687.		0
65	IRE1 $\pm$ regulates macrophage polarization, PD-L1 expression, and tumor survival. , 2020, 18, e3000687.		0