Abigail S Hackam

List of Publications by Year
in descending order

41 papers	1,464 citations	394421 19 h-index	395702 33 g-index
41 all docs	41 docs citations	41 times ranked	2188 citing authors

#	Article	IF	Citations
1	In Vivo Three-Dimensional High-Resolution Imaging of Rodent Retina with Spectral-Domain Optical Coherence Tomography. , 2007, 48, 1808.		210
2	Analysis of Dickkopf3 interactions with Wnt signaling receptors. Growth Factors, 2010, 28, 232-242.	1.7	91
3	Identification of Gene Expression Changes Associated with the Progression of Retinal Degeneration in therd1Mouse. , 2004, 45, 2929.		88
4	Identification of two novel activities of the Wnt signaling regulator Dickkopf 3 and characterization of its expression in the mouse retina. BMC Cell Biology, 2007, 8, 52.	3.0	85
5	Expression of brain-derived neurotrophic factor is regulated by the Wnt signaling pathway. NeuroReport, 2012, 23, 189-194.	1.2	76
6	Wnt signaling promotes axonal regeneration following optic nerve injury in the mouse. Neuroscience, 2017, 343, 372-383.	2.3	70
7	A growing field: The regulation of axonal regeneration by Wnt signaling. Neural Regeneration Research, 2018, 13, 43.	3.0	68
8	The Wnt/Î²-Catenin Pathway Cross-Talks with STAT3 Signaling to Regulate Survival of Retinal Pigment Epithelium Cells. PLoS ONE, 2012, 7, e46892.	2.5	62
9	Novel Role for the Innate Immune Receptor Toll-Like Receptor 4 (TLR4) in the Regulation of the Wnt Signaling Pathway and Photoreceptor Apoptosis. PLoS ONE, 2012, 7, e36560.	2.5	55
10	Human Tear Serotonin Levels Correlate with Symptoms and Signs of Dry Eye. Ophthalmology, 2015, 122, 1675-1680.	5.2	54
11	The Wnt Signaling Pathway in Retinal Degenerations. IUBMB Life, 2005, 57, 381-388.	3.4	51
12	Neuroprotection by the Ketogenic Diet: Evidence and Controversies. Frontiers in Nutrition, 2021, 8, 782657.	3.7	49
13	Characterization of Wnt Signaling during Photoreceptor Degeneration. , 2007, 48, 5733.		43
14	Toll-like receptor 3 (TLR3) protects retinal pigmented epithelium (RPE) cells from oxidative stress through a STAT3-dependent mechanism. Molecular Immunology, 2013, 54, 122-131.	2.2	43
15	Lithium chloride regulates the proliferation of stem-like cells in retinoblastoma cell lines: a potential role for the canonical Wnt signaling pathway. Molecular Vision, 2010, 16, 36-45.	1.1	39
16	A comparison of GABAC and Ï•subunit receptors from the white perch retina. Visual Neuroscience, 1997, 14, 843-851.	1.0	38
17	Activation of Wnt/Î²-catenin signaling in Muller glia protects photoreceptors in a mouse model of inherited retinal degeneration. Neuropharmacology, 2015, 91, 1-12.	4.1	34
18	The Wnt Signaling Pathway Protects Retinal Ganglion Cell 5 (RGC-5) Cells from Elevated Pressure. Cellular and Molecular Neurobiology, 2011, 31, 163-173.	3.3	33

#	Article	IF	Citations
19	The Wnt signaling pathway has tumor suppressor properties in retinoblastoma. Biochemical and Biophysical Research Communications, 2006, 349, 261-269.	2.1	32
20	A novel protective role for the innate immunity Toll-Like Receptor 3 (TLR3) in the retina via Stat3. Molecular and Cellular Neurosciences, 2014, 63, 38-48.	2.2	30
21	Multi-Omic Analyses of Growth Cones at Different Developmental Stages Provides Insight into Pathways in Adult Neuroregeneration. IScience, 2020, 23, 100836.	4.1	25
22	Reduced photoreceptor death and improved retinal function during retinal degeneration in mice lacking innate immunity adaptor protein MyD88. Experimental Neurology, 2015, 267, 1-12.	4.1	23
23	Increased Neuroprotective Microglia and Photoreceptor Survival in the Retina from a Peptide Inhibitor of Myeloid Differentiation Factor 88 (MyD88). Journal of Molecular Neuroscience, 2020, 70, 968-980.	2.3	20
24	The effect of extrinsic Wnt/Î²â€catenin signaling in Muller glia on retinal ganglion cell neurite growth. Developmental Neurobiology, 2020, 80, 98-110.	3.0	19
25	Regulation of Neurotrophin Expression and Activity in the Retina. Advances in Experimental Medicine and Biology, 2008, 613, 343-349.	1.6	15
26	Protective effects of a grape-supplemented diet in a mouse model of retinal degeneration. Nutrition, 2016, 32, 384-390.	2.4	15
27	Impact of seasonal variation in meteorological conditions on dry eye severity. Clinical Ophthalmology, 2018, Volume 12, 2471-2481.	1.8	15
28	Comparative gene expression analysis of murine retina and brain. Molecular Vision, 2004, 10, 637-49.	1.1	15
29	Signal transducer and activator of transcription 3 (STAT3) signaling in retinal pigment epithelium cells. Jak-stat, 2013, 2, e25434.	2.2	13
30	Wnt signaling induces neurite outgrowth in mouse retinal ganglion cells. Experimental Eye Research, 2019, 182, 39-43.	2.6	11
31	Total Tear IgE Levels Correlate with Allergenic and Irritating Environmental Exposures in Individuals with Dry Eye. Journal of Clinical Medicine, 2019, 8, 1627.	2.4	10
32	Defining the Relationships Among Retinal Function, Layer Thickness and Visual Behavior During Oxidative Stress-Induced Retinal Degeneration. Current Eye Research, 2016, 41, 977-986.	1.5	9
33	Gene discovery in the embryonic chick retina. Molecular Vision, 2003, 9, 262-76.	1.1	7
34	Exploring the role of interleukin-27 as a regulator of neuronal survival in central nervous system diseases. Neural Regeneration Research, 2022, 17, 2149.	3.0	7
35	Lipid profiling dataset of the Wnt3a-induced optic nerve regeneration. Data in Brief, 2019, 25, 103966.	1.0	5
36	Quantitative proteomic analysis after neuroprotective MyD88 inhibition in the retinal degeneration 10 mouse. Journal of Cellular and Molecular Medicine, 2021, 25, 9533-9542.	3.6	4

#	Article	IF	Citations
37	A few more pieces of the DM puzzle. Clinical Genetics, 2001, 59, 150-152.	2.0	0
38	Silencing the quiet. Clinical Genetics, 2009, 59, 152-153.	2.0	0
39	A phosphatase mutation implicated in multiple sclerosis. Clinical Genetics, 2009, 59, 153-155.	2.0	0
40	Dickkopf 3. , 2017, , 1-6.		0
41	Dickkopf 3. , 2018, , 1378-1383.		0