Gulgun Tezel

List of Publications by Year in descending order

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37 papers	3,497 citations	471509 17 h-index	610901 24 g-index
37 all docs	37 docs citations	37 times ranked	2666 citing authors

#	Article	IF	Citations
1	Oxidative stress in glaucomatous neurodegeneration: Mechanisms and consequences. Progress in Retinal and Eye Research, 2006, 25, 490-513.	15.5	596
2	TNF-Î± signaling in glaucomatous neurodegeneration. Progress in Brain Research, 2008, 173, 409-421.	1.4	224
3	Hypoxia-Inducible Factor 1Î± in the Glaucomatous Retina and OpticNerve Head. JAMA Ophthalmology, 2004, 122, 1348.	2.4	215
4	Immunohistochemical Assessment of the Glial Mitogen-Activated Protein Kinase Activation in Glaucoma. , 2003, 44, 3025.		195
5	Proteomic Identification of Oxidatively Modified Retinal Proteins in a Chronic Pressure-Induced Rat Model of Glaucoma. , 2005, 46, 3177.		195
6	Oxidative Stress and the Regulation of Complement Activation in Human Glaucoma. , 2010, 51, 5071.		191
7	Caspase-Independent Component of Retinal Ganglion Cell Death, In Vitro. , 2004, 45, 4049.		181
8	Role of tumor necrosis factor receptor-1 in the death of retinal ganglion cells following optic nerve crush injury in mice. Brain Research, 2004, 996, 202-212.	2.2	171
9	The immune system and glaucoma. Current Opinion in Ophthalmology, 2004, 15, 80-84.	2.9	153
10	Accelerated Aging in Glaucoma: Immunohistochemical Assessment of Advanced Glycation End Products in the Human Retina and Optic Nerve Head. , 2007, 48, 1201.		147
11	The Role of Glia, Mitochondria, and the Immune System in Glaucoma. , 2009, 50, 1001.		144
12	Mechanisms of Immune System Activation in Glaucoma: Oxidative Stress-Stimulated Antigen Presentation by the Retina and Optic Nerve Head Glia. , 2007, 48, 705.		143
13	Immune regulation toward immunomodulation for neuroprotection in glaucoma. Current Opinion in Pharmacology, 2013, 13, 23-31.	3.5	95
14	An Astrocyte-Specific Proteomic Approach to Inflammatory Responses in Experimental Rat Glaucoma. , 2012, 53, 4220.		92
15	Clinical Factors Associated With Progression of Glaucomatous Optic Disc Damage in Treated Patients. JAMA Ophthalmology, 2001, 119, 813.	2.4	89
16	Glial Modulation of Retinal Ganglion Cell Death in Glaucoma. Journal of Glaucoma, 2003, 12, 63-68.	1.6	71
17	Hemoglobin Expression and Regulation in Glaucoma: Insights into Retinal Ganglion Cell Oxygenation. , 2010, 51, 907.		67
18	Heat shock proteins, immunity and glaucoma. Brain Research Bulletin, 2004, 62, 473-480.	3.0	65

#	Article	IF	Citations
19	Molecular regulation of neuroinflammation in glaucoma: Current knowledge and the ongoing search for new treatment targets. Progress in Retinal and Eye Research, 2022, 87, 100998.	15.5	55
20	A proteomics view of the molecular mechanisms and biomarkers of glaucomatous neurodegeneration. Progress in Retinal and Eye Research, 2013, 35, 18-43.	15.5	50
21	Immunoproteomic Analysis of Potential Serum Biomarker Candidates in Human Glaucoma. , 2012, 53, 8222.		44
22	Oxidative Stressâ€“Related Molecular Biomarker Candidates for Glaucoma. , 2017, 58, 4078.		42
23	Transgenic inhibition of astroglial NF-Î¹B restrains the neuroinflammatory and neurodegenerative outcomes of experimental mouse glaucoma. Journal of Neuroinflammation, 2020, 17, 252.	7.2	37
24	Glaucoma. , 2007, 92, 221-227.		34
25	T-Lymphocyte Subset Distribution and Activity in Patients With Glaucoma. , 2019, 60, 877.		33
26	Comparative gene array analysis of TNF-Î±-induced MAPK and NF-Î¹B signaling pathways between retinal ganglion cells and glial cells. Experimental Eye Research, 2005, 81, 207-217.	2.6	30
27	Scleral fibroblast response to experimental glaucoma in mice. Molecular Vision, 2016, 22, 82-99.	1.1	29
28	Multifactorial Pathogenic Processes of Retinal Ganglion Cell Degeneration in Glaucoma towards Multi-Target Strategies for Broader Treatment Effects. Cells, 2021, 10, 1372.	4.1	23
29	A decade of proteomics studies of glaucomatous neurodegeneration. Proteomics - Clinical Applications, 2014, 8, 154-167.	1.6	20
30	Immunomodulation as a Neuroprotective Strategy for Glaucoma Treatment. Current Ophthalmology Reports, 2019, 7, 160-169.	1.2	20
31	Regulation of distinct caspase-8 functions in retinal ganglion cells and astroglia in experimental glaucoma. Neurobiology of Disease, 2021, 150, 105258.	4.4	11
32	Immunomodulation as a Neuroprotective Strategy for Glaucoma Treatment. Current Ophthalmology Reports, 2019, 7, 160-169.	1.2	10
33	Age-related changes in the peripheral retinal nerve fiber layer thickness. Clinical Ophthalmology, 2018, Volume 12, 401-409.	1.8	8
34	A broad perspective on the molecular regulation of retinal ganglion cell degeneration in glaucoma. Progress in Brain Research, 2020, 256, 49-77.	1.4	8
35	Early localized alterations of the retinal inner plexiform layer in association with visual field worsening in glaucoma patients. PLoS ONE, 2021, 16, e0247401.	2.5	6
36	Multiplex protein analysis for the study of glaucoma. Expert Review of Proteomics, 2021, 18, 911-924.	3.0	2

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37	Applying proteomics to research for optic nerve regeneration in glaucoma: whatâ€™s on the horizon?. Expert Review of Proteomics, 2016, 13, 979-981.	3.0	1