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	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
2	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
3	Regulation of distinct caspase-8 functions in retinal ganglion cells and astroglia in experimental glaucoma. Neurobiology of Disease, 2021, 150, 105258.	4.4	11
4	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
5	Multiplex protein analysis for the study of glaucoma. Expert Review of Proteomics, 2021, 18, 911-924.	3.0	2
6	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
7	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
8	Immunomodulation as a Neuroprotective Strategy for Glaucoma Treatment. Current Ophthalmology Reports, 2019, 7, 160-169.	1.2	20
9	T-Lymphocyte Subset Distribution and Activity in Patients With Glaucoma. , 2019, 60, 877.		33
10	Immunomodulation as a Neuroprotective Strategy for Glaucoma Treatment. Current Ophthalmology Reports, 2019, 7, 160-169.	1.2	10
11	Age-related changes in the peripheral retinal nerve fiber layer thickness. Clinical Ophthalmology, 2018, Volume 12, 401-409.	1.8	8
12	Oxidative Stressâ€“Related Molecular Biomarker Candidates for Glaucoma. , 2017, 58, 4078.		42
13	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
14	Scleral fibroblast response to experimental glaucoma in mice. Molecular Vision, 2016, 22, 82-99.	1.1	29
15	A decade of proteomics studies of glaucomatous neurodegeneration. Proteomics - Clinical Applications, 2014, 8, 154-167.	1.6	20
16	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
17	Immune regulation toward immunomodulation for neuroprotection in glaucoma. Current Opinion in Pharmacology, 2013, 13, 23-31.	3.5	95
18	Immunoproteomic Analysis of Potential Serum Biomarker Candidates in Human Glaucoma. , 2012, 53, 8222.		44

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19	An Astrocyte-Specific Proteomic Approach to Inflammatory Responses in Experimental Rat Glaucoma. , 2012, 53, 4220.		92
20	Oxidative Stress and the Regulation of Complement Activation in Human Glaucoma. , 2010, 51, 5071.		191
21	Hemoglobin Expression and Regulation in Glaucoma: Insights into Retinal Ganglion Cell Oxygenation. , 2010, 51, 907.		67
22	The Role of Glia, Mitochondria, and the Immune System in Glaucoma. , 2009, 50, 1001.		144
23	TNF-Î± signaling in glaucomatous neurodegeneration. Progress in Brain Research, 2008, 173, 409-421.	1.4	224
24	Accelerated Aging in Glaucoma: Immunohistochemical Assessment of Advanced Glycation End Products in the Human Retina and Optic Nerve Head. , 2007, 48, 1201.		147
25	Mechanisms of Immune System Activation in Glaucoma: Oxidative Stress-Stimulated Antigen Presentation by the Retina and Optic Nerve Head Glia. , 2007, 48, 705.		143
26	Glaucoma. , 2007, 92, 221-227.		34
27	Oxidative stress in glaucomatous neurodegeneration: Mechanisms and consequences. Progress in Retinal and Eye Research, 2006, 25, 490-513.	15.5	596
28	Proteomic Identification of Oxidatively Modified Retinal Proteins in a Chronic Pressure-Induced Rat Model of Glaucoma. , 2005, 46, 3177.		195
29	Comparative gene array analysis of TNF-Î±-induced MAPK and NF-ÎºB signaling pathways between retinal ganglion cells and glial cells. Experimental Eye Research, 2005, 81, 207-217.	2.6	30
30	Caspase-Independent Component of Retinal Ganglion Cell Death, In Vitro. , 2004, 45, 4049.		181
31	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
32	Heat shock proteins, immunity and glaucoma. Brain Research Bulletin, 2004, 62, 473-480.	3.0	65
33	The immune system and glaucoma. Current Opinion in Ophthalmology, 2004, 15, 80-84.	2.9	153
34	Hypoxia-Inducible Factor 1Î± in the Glaucomatous Retina and OpticNerve Head. JAMA Ophthalmology, 2004, 122, 1348.	2.4	215
35	Glial Modulation of Retinal Ganglion Cell Death in Glaucoma. Journal of Glaucoma, 2003, 12, 63-68.	1.6	71
36	Immunohistochemical Assessment of the Glial Mitogen-Activated Protein Kinase Activation in Glaucoma. , 2003, 44, 3025.		195

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37	Clinical Factors Associated With Progression of Glaucomatous Optic Disc Damage in Treated Patients. JAMA Ophthalmology, 2001, 119, 813.	2.4	89