Joseph Caprioli

List of Publications by Year
in descending order

261	11,582	36203	46693
papers	citations	51 h-index	89 g-index

264	264	264	6401
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Predictive factors for glaucomatous visual field progression in the Advanced Glaucoma Intervention Study. Ophthalmology, 2004, 111, 1627-1635.	2.5	629
2	Optical coherence tomography to detect and manage retinal disease and glaucoma. American Journal of Ophthalmology, 2004, 137, 156-169.	1.7	442
3	Intraocular Pressure Fluctuation. Ophthalmology, 2008, 115, 1123-1129.e3.	2.5	434
4	Blood Pressure, Perfusion Pressure, and Glaucoma. American Journal of Ophthalmology, 2010, 149, 704-712.	1.7	281
5	Common Variants at 9p21 and 8q22 Are Associated with Increased Susceptibility to Optic Nerve Degeneration in Glaucoma. PLoS Genetics, 2012, 8, e1002654.	1.5	276
6	Evaluation of the hypertensive phase after insertion of the Ahmed Glaucoma Valve. American Journal of Ophthalmology, 2003, 136, 1001-1008.	1.7	229
7	Comparison of Visual Field Defects in the Low-Tension Glaucomas with Those in the High-Tension Glaucomas. American Journal of Ophthalmology, 1984, 97, 730-737.	1.7	206
8	Comparison of optic nerve imaging methods to distinguish normal eyes from those with glaucoma. Investigative Ophthalmology and Visual Science, 2002, 43, 140-5.	3.3	185
9	Trabeculectomy with Mitomycin C. Ophthalmology, 2006, 113, 930-936.	2.5	172
10	Relationship between Visual Field Sensitivity and Retinal Nerve Fiber Layer Thickness as Measured by Scanning Laser Polarimetry. , 2004, 45, 1823.		165
11	Identifying early glaucoma with optical coherence tomography. American Journal of Ophthalmology, 2004, 137, 228-235.	1.7	157
12	RNA Binding Protein with Multiple Splicing: A New Marker for Retinal Ganglion Cells. , 2010, 51, 1052.		151
13	Outcomes of Trabeculectomy for Primary Open-angle Glaucoma. Ophthalmology, 1995, 102, 1760-1769.	2.5	146
14	Increasing peripapillary atrophy is associated with progressive glaucoma. Ophthalmology, 1998, 105, 1541-1545.	2.5	142
15	Long-term Outcomes of Ahmed Glaucoma Valve Implantation in Refractory Glaucomas. American Journal of Ophthalmology, 2007, 144, 893-900.	1.7	142
16	Retinal Ganglion Cell Protection with Geranylgeranylacetone, a Heat Shock Protein Inducer, in a Rat Glaucoma Model. , 2003, 44, 1982.		140
17	Macular Ganglion Cell/Inner Plexiform Layer Measurements by Spectral Domain Optical Coherence Tomography for Detection of Early Glaucoma and Comparison to Retinal Nerve Fiber Layer Measurements. American Journal of Ophthalmology, 2013, 156, 1297-1307.e2.	1.7	132
18	Baerveldt-350 Implant versus Ahmed Valve for Refractory Glaucoma. Journal of Glaucoma, 2004, 13, 38-45.	0.8	129

#	Article	IF	Citations
19	Cyclocryotherapy in the Treatment of Advanced Glaucoma. Ophthalmology, 1985, 92, 947-954.	2.5	125
20	Long-term Outcomes of Repeat vs Initial Trabeculectomy in Open-Angle Glaucoma. American Journal of Ophthalmology, 2009, 148, 685-695.e1.	1.7	122
21	Optic Disk and Nerve Fiber Layer Imaging to Detect Glaucoma. American Journal of Ophthalmology, 2007, 144, 724-732.	1.7	114
22	Automated Perimetry in Glaucoma. American Journal of Ophthalmology, 1991, 111, 235-239.	1.7	110
23	Trabeculectomy With Mitomycin C in Pseudophakic Patients With Open-angle Glaucoma: Outcomes and Risk Factors For Failure. American Journal of Ophthalmology, 2006, 141, 652-659.	1.7	103
24	FORSKOLIN LOWERS INTRAOCULAR PRESSURE IN RABBITS, MONKEYS, AND MAN. Lancet, The, 1983, 321, 958-960.	6.3	102
25	Comparison of Retinal Nerve Fiber Layer Thickness and Optic Disk Algorithms with Optical Coherence Tomography to Detect Glaucoma. American Journal of Ophthalmology, 2006, 141, 105-115.e1.	1.7	96
26	Quantitative Evaluation of the Optic Nerve Head in Patients with Unilateral Visual Field Loss from Primary Open-angle Glaucoma. Ophthalmology, 1987, 94, 1484-1487.	2.5	91
27	Measurement of Relative Nerve Fiver Layer Surface Height in Glaucoma. Ophthalmology, 1989, 96, 633-641.	2.5	88
28	The Contour of the Juxtapapillary Nerve Fiber Layer in Glaucoma. Ophthalmology, 1990, 97, 358-366.	2.5	86
29	A Method to Measure and Predict Rates of Regional Visual Field Decay in Glaucoma. Investigative Ophthalmology and Visual Science, 2011, 52, 4765-4773.	3.3	80
30	Trabeculectomy Can Improve Long-Term Visual Function in Glaucoma. Ophthalmology, 2016, 123, 117-128.	2.5	80
31	Intraocular pressure fluctuation: Is it important?. Journal of Ophthalmic and Vision Research, 2018, 13, 170.	0.7	78
32	The Importance of Rates in Glaucoma. American Journal of Ophthalmology, 2008, 145, 191-192.	1.7	77
33	Severe Loss of Central Vision in Patients With Advanced Glaucoma Undergoing Trabeculectomy. JAMA Ophthalmology, 2007, 125, 1044.	2.6	75
34	Comparison of Methods to Detect Visual Field Progression in Glaucoma. Ophthalmology, 1997, 104, 1228-1236.	2.5	74
35	Activation of autophagy in retinal ganglion cells. Journal of Neuroscience Research, 2008, 86, 2943-2951.	1.3	74
36	Prediction of Visual Field Progression in Glaucoma. , 2004, 45, 4346.		72

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37	Comparison of Safety and Efficacy between Silicone and Polypropylene Ahmed Glaucoma Valves in Refractory Glaucoma. Ophthalmology, 2005, 112, 1514-1520.	2.5	72
38	Visual field changes after cataract extraction: The AGIS experience. American Journal of Ophthalmology, 2004, 138, 1022-1028.	1.7	70
39	Measurement of the Optic Disc Vertical Tilt Angle With Spectral-Domain Optical Coherence Tomography and Influencing Factors. American Journal of Ophthalmology, 2013, 156, 737-744.e1.	1.7	70
40	Long-Term Bleb-Related Infections After Trabeculectomy: Incidence, Risk Factors, andÂInfluence of Bleb Revision. American Journal of Ophthalmology, 2015, 159, 1082-1091.	1.7	70
41	Pointwise Linear Regression for Evaluation of Visual Field Outcomes and Comparison With the Advanced Glaucoma Intervention Study Methods. JAMA Ophthalmology, 2005, 123, 193.	2.6	67
42	Measurement of Optic Disc Size and Rim Area with Spectral-Domain OCT and Scanning Laser Ophthalmoscopy. , 2012, 53, 4519.		67
43	Structureâ€“Function Relationships between Spectral-Domain OCT and Standard Achromatic Perimetry. , 2012, 53, 2740.		66
44	Comparison of Methods to Evaluate the Optic Nerve Head and Nerve Fiber Layer for Glaucomatous Change. American Journal of Ophthalmology, 1996, 121, 659-667.	1.7	65
45	Comparison of Methods to Predict Visual Field Progression in Glaucoma. JAMA Ophthalmology, 2007, 125, 1176.	2.6	65
46	Modulation of alpha and beta crystallin expression in rat retinas with ocular hypertension-induced ganglion cell degeneration. Brain Research, 2007, 1141, 1-9.	1.1	65
47	Special Commentary: Supporting Innovation for Safe and Effective Minimally Invasive Glaucoma Surgery. Ophthalmology, 2015, 122, 1795-1801.	2.5	65
48	Long-term Fluctuation of the Visual Field in Glaucoma. American Journal of Ophthalmology, 1992, 113, 396-400.	1.7	64
49	Hypoxic and Excitotoxic Damage to Cultured Rat Retinal Ganglion Cells. Experimental Eye Research, 1996, 63, 105-112.	1.2	64
50	Quantitative Analysis of Retinal Ganglion Cell Survival with Rbpms Immunolabeling in Animal Models of Optic Neuropathies. , 2011, 52, 9694.		63
51	The Role of Î±A- and Î±B-Crystallins in the Survival of Retinal Ganglion Cells after Optic Nerve Axotomy. , 2009, 50, 3869.		62
52	Hemorrhagic Complications from Glaucoma Surgery in Patients on Anticoagulation Therapy or Antiplatelet Therapy. American Journal of Ophthalmology, 2008, 145, 736-746.e1.	1.7	58
53	Outcomes of Ahmed Glaucoma Valve Implantation in Children With Primary Congenital Glaucoma. JAMA Ophthalmology, 2009, 127, 1436.	2.6	58
54	Variable corneal compensation improves discrimination between normal and glaucomatous eyes with the scanning laser polarimeter. Ophthalmology, 2004, 111, 259-264.	2.5	57

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55	Interobserver variability of optic disk variables measured by confocal scanning laser tomography. American Journal of Ophthalmology, 2001, 132, 57-62.	1.7	56
56	Optic Disc Progression in Glaucoma: Comparison of Confocal Scanning Laser Tomography to Optic Disc Photographs in a Prospective Study. , 2009, 50, 1682.		56
57	Heat shock proteins in the retina: Focus on HSP70 and alpha crystallins in ganglion cell survival. Progress in Retinal and Eye Research, 2016, 52, 22-46.	7.3	56
58	Calpain and N-methyl-d-aspartate (NMDA)-induced excitotoxicity in rat retinas. Brain Research, 2005, 1046, 207-215.	1.1	55
59	Glaucoma: A Disease of Early Cellular Senescence. , 2013, 54, ORSF60.		54
60	Evaluating several sources of variability for standard and SWAP visual fields in glaucoma patients, suspects, and normals. Ophthalmology, 2003, 110, 1895-1902.	2.5	53
61	Intraocular Pressure Fluctuation. JAMA Ophthalmology, 2007, 125, 1124.	2.6	53
62	Macular SD-OCT Outcome Measures: Comparison of Local Structure-Function Relationships and Dynamic Range. , 2016, 57, 4815.		53
63	Magnetic Resonance Imaging of Optic Nerve Traction During Adduction in Primary Open-Angle Glaucoma With Normal Intraocular Pressure. , 2017, 58, 4114.		52
64	Measurements of Peripapillary Nerve Fiber Layer Contour in Glaucoma. American Journal of Ophthalmology, 1989, 108, 404-413.	1.7	51
65	Detection of Early Glaucoma With Optical Coherence Tomography (StratusOCT). Journal of Glaucoma, 2008, 17, 183-188.	0.8	51
66	Protective Effect of Thioredoxins 1 and 2 in Retinal Ganglion Cells after Optic Nerve Transection and Oxidative Stress. , 2008, 49, 3535.		50
67	Graft Failure After Penetrating Keratoplasty in Eyes With Ahmed Valves. American Journal of Ophthalmology, 2010, 150, 169-178.	1.7	50
68	Early Aqueous Suppressant Therapy on Hypertensive Phase Following Glaucoma Drainage Device Procedure. Journal of Glaucoma, 2016, 25, 248-257.	0.8	50
69	Risk Factors for Fast Visual Field Progression in Glaucoma. American Journal of Ophthalmology, 2019, 207, 268-278.	1.7	50
70	Retinal ganglion cell protection with geranylgeranylacetone, a heat shock protein inducer, in a rat glaucoma model. Investigative Ophthalmology and Visual Science, 2003, 44, 1982-92.	3.3	50
71	Sequential Office Pressure Measurements in the Management of Glaucoma. Journal of Glaucoma, 2005, 14, 196-200.	0.8	49
72	Test-retest variability of blue-on-yellow perimetry is greater than white-on-white perimetry in normal subjects. American Journal of Ophthalmology, 1998, 126, 29-36.	1.7	48

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73	The relationship between central visual field sensitivity and macular ganglion cell/inner plexiform layer thickness in glaucoma. British Journal of Ophthalmology, 2017, 101, 1052-1058.	2.1	48
74	Serial axial length measurements in congenital glaucoma. American Journal of Ophthalmology, 2001, 132, 926-928.	1.7	47
75	Hyperthermic pre-conditioning protects retinal neurons from N-methyl-d-aspartate (NMDA)-induced apoptosis in rat. Brain Research, 2003, 970, 119-130.	1.1	47
76	Intraocular Pressure: Modulation as Treatment for Glaucoma. American Journal of Ophthalmology, 2011, 152, 340-344.e2.	1.7	47
77	Longitudinal Macular Structureâ€“Function Relationships in Glaucoma. Ophthalmology, 2020, 127, 888-900.	2.5	47
78	New directions in the treatment of normal tension glaucoma. Indian Journal of Ophthalmology, 2014, 62, 529.	0.5	47
79	Acquired pit of the optic nerve: A risk factor for progression of glaucoma. American Journal of Ophthalmology, 1998, 125, 457-464.	1.7	46
80	Pars Plana Anterior Vitrectomy, Hyaloido-Zonulectomy, and Iridectomy for Aqueous Humor Misdirection. American Journal of Ophthalmology, 2010, 150, 82-87.e1.	1.7	46
81	Baseline Prognostic Factors Predict Rapid Visual Field Deterioration in Glaucoma. , 2014, 55, 2228.		46
82	Influence of the Discâ€“Fovea Angle on Limits of RNFL Variability and Glaucoma Discrimination. , 2014, 55, 7332.		46
83	Valved Glaucoma Drainage Devices in Pediatric Glaucoma. JAMA Ophthalmology, 2015, 133, 1030.	1.4	46
84	Macular imaging with optical coherence tomography in glaucoma. Survey of Ophthalmology, 2020, 65, 597-638.	1.7	45
85	Correction for the erroneous compensation of anterior segment birefringence with the scanning laser polarimeter for glaucoma diagnosis. Investigative Ophthalmology and Visual Science, 2002, 43, 1465-74.	3.3	44
86	Regional Test-Retest Variability of Confocal Scanning Laser Tomography. American Journal of Ophthalmology, 1995, 120, 433-440.	1.7	43
87	The Association between Retinal Vessel Diameter and Retinal Nerve Fiber Layer Thickness in Asymmetric Normal Tension Glaucoma Patients. , 2012, 53, 5609.		43
88	Frequency-Doubling Perimetry: Comparison With Standard Automated Perimetry to Detect Glaucoma. American Journal of Ophthalmology, 2007, 143, 263-271.e1.	1.7	42
89	Neuroprotection of the optic nerve in glaucoma. Acta Ophthalmologica, 1997, 75, 364-367.	0.4	42
90	Crystallins in Retinal Ganglion Cell Survival and Regeneration. Molecular Neurobiology, 2013, 48, 819-828.	1.9	42

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91	Expression of phosphorylated c-Jun N-terminal protein kinase (JNK) in experimental glaucoma in rats. Experimental Eye Research, 2006, 82, 576-582.	1.2	41
92	Comparison of Methods to Detect and Measure Glaucomatous Visual Field Progression. Translational Vision Science and Technology, 2019, 8, 2.	1.1	41
93	An Evaluation of Clusters in the Glaucomatous Visual Field. American Journal of Ophthalmology, 1993, 116, 684-691.	1.7	40
94	Optic disk characteristics before the occurrence of disk hemorrhage in glaucoma patients. American Journal of Ophthalmology, 2001, 132, 411-413.	1.7	40
95	Feasibility and Efficacy of a Mass Switch from Latanoprost to Bimatoprost in Glaucoma Patients in a Prepaid Health Maintenance Organization. Ophthalmology, 2005, 112, 2123-2130.	2.5	40
96	Influence of Visual Field Testing Frequency on Detection of Glaucoma Progression With Trend Analyses. JAMA Ophthalmology, 2011, 129, 1521.	2.6	40
97	Long-term Outcomes of Resident- Versus Attending-Performed Primary Trabeculectomy With Mitomycin C in a United States Residency Program. American Journal of Ophthalmology, 2014, 157, 1190-1201.	1.7	39
98	Influence of Correction of Ocular Magnification on Spectral-Domain OCT Retinal Nerve Fiber Layer Measurement Variability and Performance. , 2014, 55, 3439.		38
99	Trabeculectomy and Combined Phacoemulsification-Trabeculectomy: Outcomes and Risk Factors for Failure in Primary Angle Closure Glaucoma. Journal of Glaucoma, 2016, 25, 763-769.	0.8	38
100	Models of Glaucomatous Visual Field Loss. Investigative Ophthalmology and Visual Science, 2014, 55, 7881-7887.	3.3	37
101	The Effect of Corneal Biomechanical Properties on Rebound Tonometer in Patients With Normal-Tension Glaucoma. American Journal of Ophthalmology, 2015, 159, 144-154.	1.7	37
102	Aqueous Angiography with Fluorescein and Indocyanine Green in Bovine Eyes. Translational Vision Science and Technology, 2016, 5, 5.	1.1	37
103	Aqueous shunts for glaucoma. The Cochrane Library, 2017, 2017, CD004918.	1.5	37
104	Surgical Management of Pediatric Glaucoma. Developments in Ophthalmology, 2012, 50, 157-172.	0.1	35
105	Risk Factors and Long-Term Outcomes in Patients with Low Intraocular Pressure after Trabeculectomy. Ophthalmology, 2017, 124, 1457-1465.	2.5	35
106	Location of Initial Visual Field Defects in Glaucoma and Their Modes of Deterioration. , 2015, 56, 7956.		34
107	Ocular Effect of Neodymium-Yag Laser. American Journal of Ophthalmology, 1984, 98, 144-152.	1.7	33
108	Relationship between structural abnormalities and short-wavelength perimetric defects in eyes at risk of glaucoma. American Journal of Ophthalmology, 2000, 129, 592-598.	1.7	33

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109	Outcomes of Laser Suture Lysis After Initial Trabeculectomy With Adjunctive Mitomycin C. Journal of Glaucoma, 2006, 15, 60-67.	0.8	33
110	Factors Influencing Central Lamina Cribrosa Depth: A Multicenter Study. , 2018, 59, 2357.		33
111	Association of Structural and Functional Measures With Contrast Sensitivity in Glaucoma. American Journal of Ophthalmology, 2017, 178, 129-139.	1.7	32
112	Detection of visual field progression in glaucoma with standard achromatic perimetry: A review and practical implications. Graefe's Archive for Clinical and Experimental Ophthalmology, 2011, 249, 1593-1616.	1.0	31
113	Validation of Point-Wise Exponential Regression to Measure the Decay Rates of Glaucomatous Visual Fields. , 2012, 53, 5403.		31
114	Pointwise Rates of Visual Field Progression Cluster according to Retinal Nerve Fiber Layer Bundles. , 2012, 53, 2390.		31
115	Course of Glaucomatous Visual Field Loss Across the Entire Perimetric Range. JAMA Ophthalmology, 2016, 134, 496.	1.4	31
116	Prediction of Visual Field Progression from OCT Structural Measures in Moderate to Advanced Glaucoma. American Journal of Ophthalmology, 2021, 226, 172-181.	1.7	31
117	Neural networks to identify glaucomatous visual field progression. American Journal of Ophthalmology, 2003, 135, 49-54.	1.7	30
118	Changes in intraocular pressure after pharmacologic pupil dilation. BMC Ophthalmology, 2012, 12, 53.	0.6	30
119	Local Variability of Macular Thickness Measurements With SD-OCT and Influencing Factors. Translational Vision Science and Technology, 2016, 5, 5.	1.1	30
120	Diagnosing glaucoma progression: current practice and promising technologies. Current Opinion in Ophthalmology, 2006, 17, 153-162.	1.3	29
121	Dynamic Tube Movement of Ahmed Glaucoma Valve. Journal of Glaucoma, 2009, 18, 628-631.	0.8	28
122	The dark phase intraocular pressure elevation and retinal ganglion cell degeneration in a rat model of experimental glaucoma. Experimental Eye Research, 2013, 112, 21-28.	1.2	28
123	Combined effect of forskolin and acetazolamide on intraocular pressure and aqueous flow in rabbit eyes. Experimental Eye Research, 1984, 39, 47-50.	1.2	27
124	Acquired pits of the optic nerve in glaucoma, Prevalence and associated visual field loss. Acta Ophthalmologica, 1998, 76, 273-277.	0.4	27
125	Surgical Management of Pediatric Glaucoma. Developments in Ophthalmology, 2017, 59, 165-178.	0.1	27
126	Association of Dietary Fatty Acid Intake With Glaucoma in the United States. JAMA Ophthalmology, 2018, 136, 141.	1.4	27

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127	Formulas for conversion between Octopus and Humphrey threshold values and indices. Graefe's Archive for Clinical and Experimental Ophthalmology, 1995, 233, 627-634.	1.0	26
128	Ability of Peripapillary Atrophy Parameters to Differentiate Normal-tension Glaucoma From Glaucomalike Disk. Journal of Glaucoma, 2001, 10, 95-101.	0.8	26
129	Pointwise Linear Regression Analysis for Detection of Visual Field Progression with Absolute versus Corrected Threshold Sensitivities. , 2006, 47, 2896.		26
130	Characterization of Retinal Nerve Fiber Layer in Nonglaucomatous Eyes With Tilted Discs. JAMA Ophthalmology, 2010, 128, 141.	2.6	26
131	Measuring rates of structural and functional change in glaucoma. British Journal of Ophthalmology, 2015, 99, 893-898.	2.1	26
132	Observational Outcomes of Initial Trabeculectomy With Mitomycin C in Patients of African Descent vs Patients of European Descent. JAMA Ophthalmology, 2018, 136, 1106.	1.4	26
133	The pathogenesis and medical management of glaucoma. Drug Development Research, 1985, 6, 193-215.	1.4	25
134	Outcomes of Small-Incision Cataract Surgery in Eyes With Preexisting Ahmed Glaucoma Valves. American Journal of Ophthalmology, 2005, 140, 911-913.	1.7	25
135	Disc haemorrhage is associated with the fast component, but not the slow component, of visual field decay rate in glaucoma. British Journal of Ophthalmology, 2014, 98, 1555-1559.	2.1	25
136	Factors Influencing Optical Coherence Tomography Peripapillary Choroidal Thickness: A Multicenter Study. , 2019, 60, 795.		25
137	Optic Nerve Traction During Adduction in Open Angle Glaucoma with Normal versus Elevated Intraocular Pressure. Current Eye Research, 2020, 45, 199-210.	0.7	25
138	Peripapillary Scleral Bowing Increases with Age and Is Inversely Associated with Peripapillary Choroidal Thickness in Healthy Eyes. American Journal of Ophthalmology, 2020, 217, 91-103.	1.7	25
139	Cataract Surgery and Rate of Visual Field Progression in Primary Open-Angle Glaucoma. American Journal of Ophthalmology, 2019, 201, 19-30.	1.7	24
140	Peripapillary and macular choroidal thickness in glaucoma. Journal of Ophthalmic and Vision Research, 2014, 9, 154-61.	0.7	24
141	Gene expression changes in the retina following optic nerve transection. Molecular Vision, 2006, 12, 1660-73.	1.1	24
142	Frequency Doubling Perimetry and Short-Wavelength Automated Perimetry to Detect Early Glaucoma. Ophthalmology, 2007, 114, 931-937.	2.5	23
143	Performance of the Visual Field Index in Glaucoma Patients With Moderately Advanced Visual Field Loss. American Journal of Ophthalmology, 2014, 157, 39-43.	1.7	23
144	OCT-Detected Optic Nerve Head Neural Canal Direction, Obliqueness, and Minimum Cross-Sectional Area in Healthy Eyes. American Journal of Ophthalmology, 2019, 208, 185-205.	1.7	23

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145	Long-term outcomes of primary trabeculectomy in diabetic patients with primary open angle glaucoma. British Journal of Ophthalmology, 2013, 97, 561-566.	2.1	22
146	Comparison of Results of Initial Trabeculectomy With Mitomycin C After Prior Clear-corneal Phacoemulsification to Outcomes in Phakic Eyes. Journal of Glaucoma, 2013, 22, 52-59.	0.8	22
147	Bleb Revision for Resolution of Hypotony Maculopathy Following Primary Trabeculectomy. American Journal of Ophthalmology, 2014, 158, 597-604.e1.	1.7	22
148	Celastrol supports survival of retinal ganglion cells injured by optic nerve crush. Brain Research, 2015, 1609, 21-30.	1.1	22
149	A Method to Measure the Rate of Glaucomatous Visual Field Change. Translational Vision Science and Technology, 2018, 7, 14.	1.1	22
150	The Neuronal EGF-Related Gene Nell2 Interacts with Macf1 and Supports Survival of Retinal Ganglion Cells after Optic Nerve Injury. PLoS ONE, 2012, 7, e34810.	1.1	22
151	Optic disc imaging in perimetrically normal eyes of glaucoma patients with unilateral field loss. Transactions of the American Ophthalmological Society, 2006, 104, 202-11.	1.4	22
152	Overexpression of thioredoxins 1 and 2 increases retinal ganglion cell survival after pharmacologically induced oxidative stress, optic nerve transection, and in experimental glaucoma. Transactions of the American Ophthalmological Society, 2009, 107, 161-5.	1.4	22
153	Optic disk appearance in advanced age-related macular degeneration. American Journal of Ophthalmology, 2004, 138, 38-45.	1.7	21
154	Expression of hermes gene is restricted to the ganglion cells in the retina. Neuroscience Letters, 2006, 405, 40-45.	1.0	21
155	Co-expression of heat shock transcription factors 1 and 2 in rat retinal ganglion cells. Neuroscience Letters, 2006, 405, 191-195.	1.0	21
156	Control of Intraocular Pressure and Fluctuation With Fixed-Combination Brimonidineâ€“Timolol Versus Brimonidine or Timolol Monotherapy. American Journal of Ophthalmology, 2011, 151, 93-99.e4.	1.7	21
157	Patterns of Damage in Chronic Angle-Closure Glaucoma Compared to Primary Open-Angle Glaucoma. American Journal of Ophthalmology, 2011, 152, 74-80.e2.	1.7	21
158	Comparison of localized retinal nerve fiber layer defects in highly myopic, myopic, and non-myopic patients with normal-tension glaucoma: a retrospective cross-sectional study. BMC Ophthalmology, 2013, 13, 67.	0.6	21
159	Bis(Zinc-Dipicolylamine), Zn-DPA, a New Marker for Apoptosis. , 2014, 55, 4913.		21
160	Comparison of Endothelial Keratoplasty Techniques in Patients With Prior Glaucoma Surgery: A Case-Matched Study. American Journal of Ophthalmology, 2019, 206, 94-101.	1.7	21
161	The Tube Versus Trabeculectomy Study: why its Findings May Not Change Clinical Practice?. American Journal of Ophthalmology, 2011, 151, 742-744.e1.	1.7	19
162	Global and Pointwise Rates of Decay in Glaucoma Eyes Deteriorating according to Pointwise Event Analysis. , 2013, 54, 1208.		19

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163	Evaluation of the â€œISâ€•Rule to Differentiate Glaucomatous Eyes From Normal. Journal of Glaucoma, 2016, 25, 27-32.	0.8	19
164	Same-site Trabeculectomy Revision for Failed Trabeculectomy: Outcomes and Risk Factors for Failure. American Journal of Ophthalmology, 2016, 170, 110-118.	1.7	19
165	Optic Nerve Regeneration After Crush Remodels the Injury Site: Molecular Insights From Imaging Mass Spectrometry. , 2018, 59, 212.		19
166	Expression of heat shock transcription factors and heat shock protein 72 in rat retina after intravitreal injection of low dose N-methyl-d-aspartate. Neuroscience Letters, 2008, 433, 11-16.	1.0	18
167	The Logic Behind Target Intraocular Pressure. American Journal of Ophthalmology, 2009, 147, 379-380.	1.7	18
168	Longitudinal Macular Structure-Function Relationships in Glaucoma and Their Sources of Variability. American Journal of Ophthalmology, 2019, 207, 18-36.	1.7	18
169	Predictors of Long-Term Visual Field Fluctuation in Glaucoma Patients. Ophthalmology, 2020, 127, 739-747.	2.5	18
170	Randomized, controlled study of low-dose 5-fluorouracil in primary trabeculectomy. American Journal of Ophthalmology, 2000, 130, 700-703.	1.7	17
171	Vertical Macular Asymmetry Measures Derived From SD-OCT for Detection of Early Glaucoma. , 2017, 58, 4310.		17
172	Comparison of Rates of Progression of Macular OCT Measures in Glaucoma. Translational Vision Science and Technology, 2020, 9, 50.	1.1	17
173	Disc and field damage in patients with unilateral visual field loss from primary open-angle glaucoma. Documenta Ophthalmologica, 1992, 82, 279-286.	1.0	16
174	Structure-Function Relationships in Perimetric Glaucoma: Comparison of Minimum-Rim Width and Retinal Nerve Fiber Layer Parameters. , 2017, 58, 4623.		16
175	NEW ULTRAâ€“WIDE-FIELD ANGIOGRAPHIC GRADING SCHEME FOR RADIATION RETINOPATHY AFTER IODINE-125 BRACHYTHERAPY FOR UVEAL MELANOMA. Retina, 2018, 38, 2415-2421.	1.0	16
176	Long-Term Outcomes of Descemet Membrane Endothelial Keratoplasty in Eyes with Prior Glaucoma Surgery. American Journal of Ophthalmology, 2020, 218, 288-295.	1.7	16
177	Thioredoxins 1 and 2 Protect Retinal Ganglion Cells from Pharmacologically Induced Oxidative Stress, Optic Nerve Transection and Ocular Hypertension. Advances in Experimental Medicine and Biology, 2010, 664, 355-363.	0.8	16
178	Technique of Combined Glaucoma Tube Shunt and Keratoprosthesis Implantation. Journal of Glaucoma, 2014, 23, 501-507.	0.8	15
179	Effect of Cataract Extraction on the Visual Field Decay Rate in Patients With Glaucoma. JAMA Ophthalmology, 2014, 132, 1296.	1.4	15
180	Prospective Evaluation of Acupuncture asÂTreatment for Glaucoma. American Journal of Ophthalmology, 2015, 160, 256-265.	1.7	15

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181	Prediction of Glaucoma Progression with Structural Parameters: Comparison of Optical Coherence Tomography and Clinical Disc Parameters. American Journal of Ophthalmology, 2019, 208, 19-29.	1.7	15
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