

William F Mieler

List of Publications by Year in descending order

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99
papers

7,474
citations

81743

39
h-index

62479

80
g-index

101
all docs

101
docs citations

101
times ranked

6356
citing authors

#	ARTICLE	IF	CITATIONS
1	Age-Related Macular Degeneration. New England Journal of Medicine, 2008, 358, 2606-2617.	13.9	1,345
2	Recommendations on Screening for Chloroquine and Hydroxychloroquine Retinopathy (2016) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	2.5	839
3	A System for Classifying Mechanical Injuries of the Eye (Globe). American Journal of Ophthalmology, 1997, 123, 820-831.	1.7	566
4	Acute endophthalmitis following intravitreal triamcinolone acetonide injection. American Journal of Ophthalmology, 2003, 136, 791-796.	1.7	400
5	Infectious Endophthalmitis after Penetrating Injuries with Retained Intraocular Foreign Bodies. Ophthalmology, 1993, 100, 1468-1474.	2.5	307
6	Determination of Vitreous, Aqueous, and Plasma Concentration of Orally Administered Voriconazole in Humans. JAMA Ophthalmology, 2004, 122, 42.	2.6	303
7	Results and Prognostic Factors in Penetrating Ocular Injuries with Retained Intraocular Foreign Bodies. Ophthalmology, 1988, 95, 911-916.	2.5	233
8	Management of endogenous fungal endophthalmitis with voriconazole and caspofungin. American Journal of Ophthalmology, 2005, 139, 135-140.	1.7	190
9	Mechanisms of Intraocular Pressure Elevation after Pars Plana Vitrectomy. Ophthalmology, 1989, 96, 1357-1362.	2.5	170
10	Vitreous and Aqueous Penetration of Orally Administered Moxifloxacin in Humans. JAMA Ophthalmology, 2006, 124, 178.	2.6	161
11	Retained Intraocular Foreign Bodies and Endophthalmitis. Ophthalmology, 1990, 97, 1532-1538.	2.5	160
12	The Endophthalmitis Vitrectomy Study. Ophthalmology, 1997, 104, 261-272.	2.5	160
13	Vitreous and Aqueous Penetration of Orally Administered Gatifloxacin in Humans. JAMA Ophthalmology, 2003, 121, 345.	2.6	128
14	Controversies in the Management of Open-Globe Injuries Involving the Posterior Segment. Survey of Ophthalmology, 1999, 44, 215-225.	1.7	115
15	Advances in ocular drug delivery: emphasis on the posterior segment. Expert Opinion on Drug Delivery, 2014, 11, 1647-1660.	2.4	108
16	Penetration Pharmacokinetics of Topically Administered 0.5% Moxifloxacin Ophthalmic Solution in Human Aqueous and Vitreous. JAMA Ophthalmology, 2005, 123, 39.	2.6	104
17	Intravitreal Voriconazole. JAMA Ophthalmology, 2004, 122, 1687.	2.6	100
18	Aqueous and Vitreous Concentrations Following Topical Administration of 1% Voriconazole in Humans. JAMA Ophthalmology, 2008, 126, 18.	2.6	96

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19	Acute Endophthalmitis Incidence. JAMA Ophthalmology, 2005, 123, 1075.	2.6	94
20	The effects of cross-linked thermo-responsive PNIPAAm-based hydrogel injection on retinal function. Biomaterials, 2011, 32, 3620-3626.	5.7	90
21	Results of Vitrectomy for Diabetic Traction Retinal Detachments Using the En Bloc Excision Technique. Ophthalmology, 1989, 96, 752-758.	2.5	83
22	Epidemiological trends in uveal melanoma. British Journal of Ophthalmology, 2015, 99, 1550-1553.	2.1	78
23	Vitrectomy in the Management of Peripheral Uveitis. Ophthalmology, 1988, 95, 859-864.	2.5	76
24	Advances in ocular drug delivery systems. Eye, 2020, 34, 1371-1379.	1.1	70
25	Presumed Sterile Endophthalmitis Following Intravitreal Triamcinolone Acetonide Injection. Ophthalmic Surgery Lasers and Imaging Retina, 2005, 36, 24-29.	0.4	68
26	Suprachoroidal hemorrhage. Ophthalmology, 1998, 105, 2271-2275.	2.5	67
27	Ocular findings after bone marrow transplantation in a pediatric population. Ophthalmology, 1999, 106, 1564-1570.	2.5	66
28	Assault-related Penetrating Ocular Injury. American Journal of Ophthalmology, 1993, 116, 26-33.	1.7	64
29	The use of intraocular corticosteroids. Expert Opinion on Pharmacotherapy, 2009, 10, 2511-2525.	0.9	61
30	Biodegradable Microsphere-Hydrogel Ocular Drug Delivery System for Controlled and Extended Release of Bioactive Aflibercept In Vitro. Current Eye Research, 2019, 44, 264-274.	0.7	61
31	Management of Complex Retinal Detachment With Combined Relaxing Retinotomy and Intravitreal Perfluoro-n-octane Injection. American Journal of Ophthalmology, 1994, 118, 24-32.	1.7	59
32	Ocular complications of pregnancy. Current Opinion in Ophthalmology, 2001, 12, 455-463.	1.3	58
33	Thermoresponsive hydrogels as a new ocular drug delivery platform to the posterior segment of the eye. Transactions of the American Ophthalmological Society, 2008, 106, 206-13; discussion 213-4.	1.4	58
34	Intravitreal Moxifloxacin: Retinal Safety Study with Electroretinography and Histopathology in Animal Models. , 2006, 47, 1606.		57
35	Visual outcomes after pars plana vitrectomy for epiretinal membranes associated with pars planitis. Ophthalmology, 1999, 106, 1086-1090.	2.5	55
36	Perioperative Choroidal Hemorrhage at Pars Plana Vitrectomy. Ophthalmology, 1993, 100, 699-704.	2.5	54

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37	The Role and Timing of Pars Plana Vitrectomy in Penetrating Ocular Trauma. <i>JAMA Ophthalmology</i> , 1997, 115, 1191.	2.6	50
38	Extended ocular drug delivery systems for the anterior and posterior segments: biomaterial options and applications. <i>Expert Opinion on Drug Delivery</i> , 2017, 14, 611-620.	2.4	49
39	In Vivo Efficacy of an Injectable Microsphere-Hydrogel Ocular Drug Delivery System. <i>Current Eye Research</i> , 2017, 42, 1293-1301.	0.7	48
40	Characterization of Biodegradable Microsphere-Hydrogel Ocular Drug Delivery System for Controlled and Extended Release of Ranibizumab. <i>Translational Vision Science and Technology</i> , 2019, 8, 12.	1.1	47
41	A Modified En Bloc Excision Technique during Vitrectomy for Diabetic Traction Retinal Detachment. <i>Ophthalmology</i> , 1994, 101, 803-808.	2.5	39
42	Retinal complications of bone marrow and solid organ transplantation. <i>Current Opinion in Ophthalmology</i> , 2003, 14, 433-442.	1.3	39
43	The Effect of Glutathione as Chain Transfer Agent in PNIPAAm-Based Thermo-responsive Hydrogels for Controlled Release of Proteins. <i>Pharmaceutical Research</i> , 2014, 31, 742-753.	1.7	38
44	Role of Thermo-responsiveness and Poly(ethylene glycol) Diacrylate Cross-link Density on Protein Release from Poly(N-isopropylacrylamide) Hydrogels. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2011, 22, 59-75.	1.9	34
45	Cryopexy of the Vitreous Base in the Management of Peripheral Uveitis. <i>American Journal of Ophthalmology</i> , 1988, 106, 135-138.	1.7	33
46	Ocular Infection: Endophthalmitis. <i>Developments in Ophthalmology</i> , 2016, 55, 176-188.	0.1	33
47	Chloroquine and Hydroxychloroquine Retinal Toxicity Consideration in the Treatment of COVID-19. <i>Asia-Pacific Journal of Ophthalmology</i> , 2020, 9, 85-87.	1.3	28
48	Safety and Biocompatibility of Aflibercept-Loaded Microsphere Thermo-Responsive Hydrogel Drug Delivery System in a Nonhuman Primate Model. <i>Translational Vision Science and Technology</i> , 2020, 9, 30.	1.1	22
49	Vitrectomy for Proliferative Diabetic Retinopathy With Severe Equatorial Fibrovascular Proliferation. <i>American Journal of Ophthalmology</i> , 1995, 119, 563-570.	1.7	20
50	Vitreous Surgery in the Management of Peripheral Uveitis. <i>Developments in Ophthalmology</i> , 1992, 23, 239-250.	0.1	16
51	Intraocular corticosteroids for posterior segment disease: 2012 update. <i>Expert Opinion on Pharmacotherapy</i> , 2012, 13, 1679-1694.	0.9	16
52	COMPLICATIONS ASSOCIATED WITH CLEAR CORNEAL CATARACT WOUNDS DURING VITRECTOMY. <i>Retina</i> , 2010, 30, 850-855.	1.0	15
53	Objective area measurement technique for choroidal neovascularization from fluorescein angiography. <i>Microvascular Research</i> , 2014, 91, 1-7.	1.1	15
54	Vitreous penetration of orally administered gatifloxacin in humans. <i>Transactions of the American Ophthalmological Society</i> , 2002, 100, 153-9.	1.4	15

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55	Treatment Efficacy and Biocompatibility of a Biodegradable Aflibercept-Loaded Microsphere-Hydrogel Drug Delivery System. <i>Translational Vision Science and Technology</i> , 2020, 9, 13.	1.1	14
56	Canthaxanthine-induced retinal pigment epithelial changes in the cat. <i>Current Eye Research</i> , 1988, 7, 687-693.	0.7	13
57	Reversible Loss of Light Perception After Vitreoretinal Surgery. <i>American Journal of Ophthalmology</i> , 1995, 120, 751-756.	1.7	13
58	Thermo-Responsive Hydrogels for Ocular Drug Delivery. <i>Developments in Ophthalmology</i> , 2016, 55, 104-111.	0.1	13
59	Intravitreal clearance of moxifloxacin. <i>Transactions of the American Ophthalmological Society</i> , 2005, 103, 76-81; discussion 81-3.	1.4	13
60	Controlled Release of Vancomycin From a Thermoresponsive Hydrogel System for the Prophylactic Treatment of Postoperative Acute Endophthalmitis. <i>Translational Vision Science and Technology</i> , 2019, 8, 53.	1.1	11
61	Inpatient and Emergency Room Ophthalmology Consultations at a Tertiary Care Center. <i>Journal of Ophthalmology</i> , 2019, 2019, 1-7.	0.6	11
62	Reduction of preoperative conjunctival bacterial flora with the use of mupirocin nasal ointment. <i>Transactions of the American Ophthalmological Society</i> , 2006, 104, 196-201.	1.4	11
63	Vitreous wick syndrome—a potential cause of endophthalmitis after intravitreal injection of triamcinolone through the pars plana: Author Reply. <i>American Journal of Ophthalmology</i> , 2004, 137, 1160-1161.	1.7	10
64	Compartmental and COMSOL Multiphysics 3D Modeling of Drug Diffusion to the Vitreous Following the Administration of a Sustained-Release Drug Delivery System. <i>Pharmaceutics</i> , 2021, 13, 1862.	2.0	10
65	Further Observations on Cryotherapy of the Vitreous Base in the Management of Peripheral Uveitis. <i>Developments in Ophthalmology</i> , 1992, 23, 190-195.	0.1	9
66	Simultaneous Release of Aflibercept and Dexamethasone from an Ocular Drug Delivery System. <i>Current Eye Research</i> , 2022, 47, 1034-1042.	0.7	8
67	Drug Toxicity of the Posterior Segment. , 2013, , 1532-1554.		7
68	Simulating vascular leakage on optical coherence tomography angiography using an overlay technique with corresponding thickness maps. <i>British Journal of Ophthalmology</i> , 2020, 104, 514-517.	2.1	7
69	Ophthalmic Application of Anti-VEGF Therapy. <i>Asia-Pacific Journal of Ophthalmology</i> , 2017, 6, 479-480.	1.3	6
70	Ophthalmic Artery Occlusion and Subsequent Retinal Fibrosis From a Calcium Hydroxylapatite Filler Injection. <i>Journal of Vitreoretinal Diseases</i> , 2019, 3, 190-193.	0.2	6
71	Acute endophthalmitis following intravitreal triamcinolone acetonide injection: Author reply. <i>American Journal of Ophthalmology</i> , 2004, 137, 1167.	1.7	5
72	Visual and Anatomic Outcomes in Perforating Ocular Injuries. <i>Journal of Vitreoretinal Diseases</i> , 2019, 3, 428-437.	0.2	5

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73	Drug Toxicity of the Posterior Segment. , 2006, , 1839-1856.		5
74	Ocular Injuries. JAMA Ophthalmology, 2001, 119, 1712.	2.6	4
75	Antibiotics. Developments in Ophthalmology, 2016, 55, 344-356.	0.1	4
76	Outcomes of Pars Plana Vitrectomy in Combination With Penetrating Keratoplasty. Journal of Vitreoretinal Diseases, 2017, 1, 116-121.	0.2	4
77	Thomas A. Swift's Electric Rifle Injuries to the Eye and Ocular Adnexa. Ophthalmology Retina, 2019, 3, 258-269.	1.2	4
78	Development of Choroidal Neovascularization after Treatment with Photodynamic Therapy in a 5-year old Female with Choroidal Osteoma. Retinal Cases and Brief Reports, 2020, Publish Ahead of Print, .	0.3	4
79	Long-Term Course in Idiopathic Retinal Vasculitis, Aneurysms, and Neuroretinitis. Ophthalmology Retina, 2019, 3, 380-381.	1.2	3
80	Systemic Therapeutic Agents and Retinal Toxicity. Seminars in Ophthalmology, 1991, 6, 45-64.	0.8	2
81	Retinal toxicity of systemic and topical medications. , 2010, , 104-121.		2
82	Asymptomatic Intraocular Mass. JAMA Ophthalmology, 2016, 134, 105.	1.4	2
83	Intraocular Foreign Bodies. , 2008, , 5137-5145.		2
84	Epidemiology and Prevention of Ocular Trauma. , 2008, , 5159-5163.		2
85	APPLICATION OF ADJUNCTIVE TOPICAL MITOMYCIN-C IN SCLEROSTOMY REVISION FOR REFRACTORY IDIOPATHIC UVEAL EFFUSION SYNDROME. Retinal Cases and Brief Reports, 2019, Publish Ahead of Print, 339-343.	0.3	1
86	Repair of Superior Chorioretinal Coloboma-Associated Retinal Detachments: Case Report and Literature Review. Journal of Vitreoretinal Diseases, 2020, 4, 144-147.	0.2	1
87	New Ocular Drug Delivery Systems. , 2020, , 577-591.		1
88	Closed Vitrectomy and Chronic Uveitis. Seminars in Ophthalmology, 1989, 4, 1-7.	0.8	0
89	Reply. Ophthalmology, 2017, 124, e29-e30.	2.5	0
90	Dark Retinal Lesion in a Young Asymptomatic Man. JAMA Ophthalmology, 2017, 135, 155.	1.4	0

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91	Re: Chloroquine (CQ) and Hydroxychloroquine (HQ) Retinal Toxicity Consideration in the Treatment of the Coronavirus Disease 2019 (COVID-19). Asia-Pacific Journal of Ophthalmology, 2020, 9, 375-376.	1.3	0
92	A Mysterious Central Scotoma in a Teenage Male Patient. JAMA Ophthalmology, 2020, 138, 414.	1.4	0
93	Hypertension and Its Ocular Manifestations. , 2021, , 1-26.		0
94	Controversies in the Management of Posterior Segment Open-Globe Injuries. , 2021, , 1-16.		0
95	Controversies in the Management of Posterior Segment Open-Globe Injuries. , 2022, , 1-16.		0
96	Penetrating Keratoplasty and Macular Surgery. , 2020, , 549-554.		0
97	Hypertension and Its Ocular Manifestations. , 2022, , 6991-7016.		0
98	Intraocular Foreign Bodies. , 2022, , 3313-3335.		0
99	Controversies in the Management of Posterior Segment Open-Globe Injuries. , 2022, , 3465-3480.		0