

Tom H Williamson

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

2,676
citations

201575

27
h-index

214721

47
g-index

103
all docs

103
docs citations

103
times ranked

2215
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated detection of diabetic retinopathy in digital retinal images: a tool for diabetic retinopathy screening. <i>Diabetic Medicine</i> , 2004, 21, 84-90.	1.2	244
2	Color Doppler ultrasound imaging of the eye and orbit. <i>Survey of Ophthalmology</i> , 1996, 40, 255-267.	1.7	240
3	Acute Retinal Necrosis. <i>Ophthalmology</i> , 2010, 117, 556-560.	2.5	120
4	Management of primary rhegmatogenous retinal detachment with inferior breaks. <i>British Journal of Ophthalmology</i> , 2004, 88, 1372-1375.	2.1	106
5	Intravitreal Triamcinolone Acetonide for Cystoid Macular Edema in Nonischemic Central Retinal Vein Occlusion. <i>American Journal of Ophthalmology</i> , 2005, 139, 860-866.	1.7	97
6	Machine learning approach to automatic exudate detection in retinal images from diabetic patients. <i>Journal of Modern Optics</i> , 2010, 57, 124-135.	0.6	86
7	Central Retinal Vein Occlusion, an Investigation by Color Doppler Imaging. <i>Ophthalmology</i> , 1994, 101, 1362-1372.	2.5	84
8	The effects of aspirin and warfarin therapy on haemorrhage in vitreoretinal surgery. <i>Acta Ophthalmologica</i> , 2003, 81, 38-40.	0.4	76
9	Management of bacterial postoperative endophthalmitis and the role of vitrectomy. <i>Survey of Ophthalmology</i> , 2018, 63, 677-693.	1.7	64
10	Macular displacement following rhegmatogenous retinal detachment repair. <i>British Journal of Ophthalmology</i> , 2013, 97, 1297-1302.	2.1	59
11	Pupil block glaucoma in phakic and pseudophakic patients after vitrectomy with silicone oil injection. <i>American Journal of Ophthalmology</i> , 2001, 132, 414-416.	1.7	58
12	Measurement of PO ₂ during vitrectomy for central retinal vein occlusion, a pilot study. <i>Graefes' Archive for Clinical and Experimental Ophthalmology</i> , 2009, 247, 1019-1023.	1.0	57
13	Suprachoroidal Hemorrhage in Pars Plana Vitrectomy. <i>Ophthalmology</i> , 2014, 121, 311-317.	2.5	53
14	An Experimental Model of Rhegmatogenous Retinal Detachment: Surgical Results and Glial Cell Response. , 2003, 44, 4026.		50
15	Colour Doppler velocimetry of the arterial vasculature of the optic nerve head and orbit. <i>Eye</i> , 1993, 7, 74-79.	1.1	44
16	The Royal College of Ophthalmologists's™ National Ophthalmology Database Study of Vitreoretinal Surgery. <i>JAMA Ophthalmology</i> , 2016, 134, 79.	1.4	43
17	Scleral Hydraulic Conductivity and Macromolecular Diffusion in Patients with Uveal Effusion Syndrome. , 2008, 49, 5033.		41
18	CHARACTERISTICS OF RHEGMATOGENOUS RETINAL DETACHMENT AND THEIR RELATIONSHIP TO SUCCESS RATES OF SURGERY. <i>Retina</i> , 2014, 34, 1421-1427.	1.0	41

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19	SPECTRAL DOMAIN OPTICAL COHERENCE TOMOGRAPHY FINDINGS IN LONG-TERM SILICONE OIL-RELATED VISUAL LOSS. <i>Retina</i> , 2015, 35, 555-563.	1.0	38
20	Duration of intraocular gases following vitreoretinal surgery. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 231-236.	1.0	36
21	Color Doppler Velocunetry of the Optic Nerve Head in Arterial Occlusion. <i>Ophthalmology</i> , 1993, 100, 312-317.	2.5	35
22	Idiopathic macular hole: analysis of visual outcomes and the use of indocyanine green or brilliant blue for internal limiting membrane peel. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2014, 252, 395-400.	1.0	35
23	Warfarin in vitreoretinal surgery: a case controlled series. <i>British Journal of Ophthalmology</i> , 2011, 95, 976-978.	2.1	34
24	MEASUREMENT OF RETINAL DISPLACEMENT AND METAMORPHOSIA AFTER EPIRETINAL MEMBRANE OR MACULAR HOLE SURGERY. <i>Retina</i> , 2016, 36, 695-702.	1.0	34
25	Horizontal and vertical micropsia following macula-off rhegmatogenous retinal-detachment surgical repair. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2006, 244, 1545-1548.	1.0	33
26	Vitreoretinal management of the complications of sickle cell retinopathy by observation or pars plana vitrectomy. <i>Eye</i> , 2009, 23, 1314-1320.	1.1	33
27	INCIDENCE OF LENS TOUCH DURING PARS PLANA VITRECTOMY AND OUTCOMES FROM SUBSEQUENT CATARACT SURGERY. <i>Retina</i> , 2016, 36, 825-829.	1.0	33
28	Foveal light exposure is increased at the time of removal of silicone oil with the potential for phototoxicity. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2013, 251, 35-39.	1.0	30
29	The Pattern and Distribution of Retinal Breaks in Eyes With Rhegmatogenous Retinal Detachment. <i>American Journal of Ophthalmology</i> , 2014, 157, 221-226.e1.	1.7	30
30	THE ROLE OF INTRAOCULAR GAS TAMPONADE IN RHEGMATOGENOUS RETINAL DETACHMENT. <i>Retina</i> , 2018, 38, S65-S72.	1.0	30
31	A "throttle" mechanism in the central retinal vein in the region of the lamina cribrosa. <i>British Journal of Ophthalmology</i> , 2007, 91, 1190-1193.	2.1	29
32	Factors affecting visual recovery after successful repair of macula-off retinal detachments: findings from a large prospective UK cohort study. <i>Eye</i> , 2021, 35, 1431-1439.	1.1	28
33	Diurnal variation of macular oedema in CRVO: prospective study. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2009, 247, 593-596.	1.0	27
34	Parameter-free optic disc detection. <i>Computerized Medical Imaging and Graphics</i> , 2011, 35, 51-63.	3.5	24
35	EXTENT AND LOCATION OF INTRARETINAL AND SUBRETINAL FLUID AS PROGNOSTIC FACTORS FOR THE OUTCOME OF PATIENTS WITH OPTIC DISK PIT MACULOPATHY. <i>Retina</i> , 2016, 36, 110-118.	1.0	24
36	Dynamics of epiretinal membrane removal off the retinal surface: a computer simulation project. <i>British Journal of Ophthalmology</i> , 2013, 97, 1202-1207.	2.1	23

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37	The effect of filter bandwidth on the multifocal electroretinogram. Documenta Ophthalmologica, 1996, 92, 291-300.	1.0	22
38	Intraoperative Complications of Patients Undergoing Small-Gauge and 20-Gauge Vitrectomy: A Database Study of 4,274 Procedures. European Journal of Ophthalmology, 2017, 27, 226-230.	0.7	22
39	Rate and risk factors for the conversion of fovea-on to fovea-off rhegmatogenous retinal detachment while awaiting surgery. British Journal of Ophthalmology, 2017, 101, 1011-1015.	2.1	21
40	INTRAOPERATIVE AND POSTOPERATIVE COMPLICATIONS IN PHACOVITRECTOMY FOR EPIRETINAL MEMBRANE AND MACULAR HOLE. Retina, 2018, 38, 1865-1872.	1.0	21
41	An analysis of the outcomes for patients with failed primary vitrectomy for rhegmatogenous retinal detachment. Graefe's Archive for Clinical and Experimental Ophthalmology, 2014, 252, 1711-1716.	1.0	20
42	THE ROYAL COLLEGE OF OPHTHALMOLOGISTS' NATIONAL OPHTHALMOLOGY DATABASE STUDY OF VITREORETINAL SURGERY. Retina, 2015, 35, 1615-1621.	1.0	20
43	OUTCOMES OF SURGERY FOR PROGRESSIVE SYMPTOMATIC RETINAL DETACHMENT COMPLICATING RETINOSCHISIS. Retina, 2006, 26, 37-43.	1.0	19
44	Retrospective Study of Rhegmatogenous Retinal Detachments Secondary to round Retinal Holes. European Journal of Ophthalmology, 2012, 22, 635-640.	0.7	17
45	Severe ocular involvement in disseminated intravascular coagulation complicating meningococcaemia. Graefe's Archive for Clinical and Experimental Ophthalmology, 2005, 243, 1069-1070.	1.0	16
46	Air-Gas Exchange Reevaluated: Clinically Important Results of a Computer Simulation. , 2011, 52, 8262.		16
47	The Royal College of Ophthalmologists's™ National Ophthalmology Database Study of vitreoretinal surgery: report 5, anaesthetic techniques. British Journal of Ophthalmology, 2016, 100, 246-252.	2.1	16
48	ROYAL COLLEGE OF OPHTHALMOLOGISTS' NATIONAL DATABASE STUDY OF VITREORETINAL SURGERY. Retina, 2018, 38, 334-342.	1.0	16
49	Clinical evaluation of "local contrast enhancement"™ for oral fluorescein angiograms. Eye, 2000, 14, 318-318.	1.1	15
50	Correspondence. Retina, 2005, 25, 808-809.	1.0	15
51	Co-existence of exfoliation syndrome, previous iris surgery, and heterochromia. Acta Ophthalmologica, 2009, 71, 850-852.	0.6	15
52	Risk Factors for Visual Impairment in Patients with Sickle Cell Disease in London. European Journal of Ophthalmology, 2016, 26, 431-435.	0.7	15
53	Characteristics of rhegmatogenous retinal detachments secondary to retinal dialyses. Canadian Journal of Ophthalmology, 2014, 49, 196-199.	0.4	14
54	Phenotype and Outcomes of Phakic Versus Pseudophakic Primary Rhegmatogenous Retinal Detachments: Cataract or Cataract Surgery Related?. American Journal of Ophthalmology, 2021, 222, 318-327.	1.7	14

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55	THEORETICAL GAS CONCENTRATIONS ACHIEVING 100% FILL OF THE VITREOUS CAVITY IN THE POSTOPERATIVE PERIOD. <i>Retina</i> , 2018, 38, S60-S64.	1.0	13
56	Urgency of retinal detachment repair: is it time to re-think our priorities?. <i>Eye</i> , 2021, 35, 1035-1036.	1.1	13
57	A comparison of colour Doppler imaging of orbital vessels and other methods of blood flow assessment. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1995, 233, 80-84.	1.0	12
58	Electroretinography of central retinal vein occlusion under scotopic and photopic conditions: What to measure?. <i>Acta Ophthalmologica</i> , 1997, 75, 48-53.	0.4	12
59	Morphision: A method for subjective evaluation of metamorphopsia in patients with unilateral macular pathology (i.e., full thickness macular hole and epiretinal membrane). <i>Indian Journal of Ophthalmology</i> , 2013, 61, 653.	0.5	12
60	Discriminate characteristics of photopsia in posterior vitreous detachment, retinal tears and retinal detachment. <i>Ophthalmic and Physiological Optics</i> , 2010, 30, 20-23.	1.0	10
61	Trends and emerging patterns of practice in vitreoretinal surgery. <i>Acta Ophthalmologica</i> , 2018, 96, e889-e890.	0.6	10
62	Vitreoretinal surgery on the fellow eye: A retrospective analysis of 18 years of surgical data from a tertiary center in England. <i>Indian Journal of Ophthalmology</i> , 2018, 66, 681.	0.5	10
63	Combined Phaco-Emulsification Cataract Extraction and Pars plana Vitrectomy without Intra-Ocular Lens Implantation. <i>Ophthalmologica</i> , 2001, 215, 271-275.	1.0	9
64	Ethnic Variation in Vitreoretinal Surgery: Differences in Clinical Presentation and Outcome. <i>European Journal of Ophthalmology</i> , 2017, 27, 367-371.	0.7	9
65	The management of macular hole retinal detachment and macular retinoschisis in pathological myopia; a UK collaborative study. <i>Eye</i> , 2018, 32, 1743-1751.	1.1	9
66	Crossed polarising filters to measure relative afferent pupillary defects: Reproducibility, correlation with neutral density filters and use in central retinal vein occlusion. <i>Eye</i> , 1995, 9, 624-628.	1.1	8
67	Exploring Sex and Laterality Imbalances in Patients Undergoing Laser Retinopexy. <i>JAMA Ophthalmology</i> , 2015, 133, 1334.	1.4	8
68	A simple mathematical model of rhegmatogenous retinal detachment. <i>Journal of Fluids and Structures</i> , 2018, 82, 245-257.	1.5	8
69	Relationship of the distal optic nerve sheath to the circle of Zinn. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1999, 237, 642-647.	1.0	7
70	Ocular explosions from periocular anesthetic injections. <i>Ophthalmology</i> , 2000, 107, 1965.	2.5	7
71	Acute symptomatic posterior vitreous detachment and delayed retinal breaks. <i>Acta Ophthalmologica</i> , 2011, 89, e100-e101.	0.6	7
72	Visual outcome after removal of silicone oil in patients undergoing retinectomy for complex retinal detachment. <i>International Journal of Ophthalmology</i> , 2016, 9, 108-10.	0.5	6

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73	The effect of age on phenotype of primary rhegmatogenous retinal detachment. <i>Eye</i> , 2023, 37, 1114-1122.	1.1	6
74	Retinal toxicity secondary to subconjunctival cefuroxime following pars plana vitrectomy: A case report and literature review. <i>American Journal of Ophthalmology Case Reports</i> , 2022, 26, 101557.	0.4	6
75	Height, weight, body mass index and ocular biometry in patients with sickle cell disease. <i>Ophthalmic and Physiological Optics</i> , 2009, 29, 189-198.	1.0	5
76	Object detection with feature stability over scale space. <i>Journal of Visual Communication and Image Representation</i> , 2011, 22, 345-352.	1.7	5
77	Choice of Analytic Approach for Eye-Specific Outcomes: One Eye or Two?. <i>American Journal of Ophthalmology</i> , 2012, 153, 781-782.	1.7	5
78	Consecutive toxic anterior segment syndrome in combined phaco-vitrectomy. <i>International Ophthalmology</i> , 2013, 33, 289-290.	0.6	5
79	Safety of intracameral cefuroxime in pars plana vitrectomy. <i>Eye</i> , 2020, 35, 2601-2606.	1.1	5
80	Planned Delayed Relaxing Retinotomy for Proliferative Vitreoretinopathy. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2010, 41, 31-34.	0.4	5
81	Fatigue in adults with primary antiphospholipid syndrome: findings from a mixed-methods study. <i>Lupus</i> , 2020, 29, 924-933.	0.8	4
82	Beneficial visual outcome of vitrectomy and delamination surgery for tractional complications of diabetic retinopathy in a cohort of black patients. <i>Eye</i> , 2019, 33, 1884-1889.	1.1	3
83	Rate of Postoperative Autofluorescent Macular Shift with Expanding Gas Bubble Tamponade and No Prone Posture Ambulatory Care in Patients with Macula-Involved Retinal Detachment. <i>Ophthalmologica</i> , 2020, 243, 342-346.	1.0	3
84	Artificial intelligence in diabetic retinopathy. <i>Eye</i> , 2021, 35, 684-684.	1.1	3
85	Refractive Outcomes Using the Lenstar Optical Low Coherence Reflectometry Biometer in Phacovitrectomy for Epiretinal Membranes and Macular Holes. <i>Open Journal of Ophthalmology</i> , 2017, 07, 216-224.	0.1	3
86	Unsutured posterior chamber lens implantation in eyes requiring lens extraction at the time of pars plana vitrectomy with silicone oil tamponade. <i>Journal of Cataract and Refractive Surgery</i> , 2004, 30, 161-167.	0.7	2
87	Dear Editor. <i>Retina</i> , 2006, 26, 121.	1.0	2
88	â€œMetamorphopsiaâ€•Assessment. , 2010, 51, 6894.		2
89	Letter. <i>Eye</i> , 1994, 8, 147-147.	1.1	1
90	Three cases of intraocular foreign bodies as a result of walking or running along roadways. <i>American Journal of Ophthalmology</i> , 2004, 137, 585-586.	1.7	1

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91	Management of rhegmatogenous retinal detachment in pregnancy. <i>Clinical and Experimental Ophthalmology</i> , 2005, 33, 554-555.	1.3	1
92	Aggregations of retinal pigment epithelial cells on inferior retinal blood vessels, a clinical sign of early proliferative vitreoretinopathy. <i>Clinical and Experimental Ophthalmology</i> , 2008, 36, 744-747.	1.3	1
93	Does unintentional macular translocation after retinal detachment repair influence visual outcome? Comment. <i>Clinical and Experimental Ophthalmology</i> , 2012, 40, e126; author reply e127.	1.3	1
94	A reality check on big data. <i>Eye</i> , 2020, 34, 795-796.	1.1	1
95	Re: Bhatti etÂal.: Microcystic macular edema in optic nerveÂglioma (<i>Ophthalmology</i> . 2020;127:930). <i>Ophthalmology</i> , 2021, 128, e9.	2.5	1
96	Outcomes Following Pars Plana Vitrectomy for Severe Ocular Trauma. <i>Journal of Ophthalmic and Vision Research</i> , 2021, 16, 408-414.	0.7	1
97	Effect of Aqueous Dynamics on Gas Behavior Following Retinal Reattachment Surgery. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2020, 51, 522-528.	0.4	1
98	Preservation of anterior capsule. <i>Ophthalmology</i> , 2003, 110, 1268.	2.5	0
99	Hemorrhage With Anticoagulants and Antiplatelets in Vitreoretinal Surgery. <i>American Journal of Ophthalmology</i> , 2012, 153, 185-186.	1.7	0
100	SPECTRAL DOMAIN OPTICAL COHERENCE TOMOGRAPHY DEMONSTRATES INTERCONNECTED ORBITAL CYST AND CHORIORETINAL COLOBOMA IN AN ADULT. <i>Retinal Cases and Brief Reports</i> , 2013, 7, 310-312.	0.3	0
101	Re: Concept and application of relaxing radial retinectomy for retinal detachment with advanced proliferative vitreoretinopathy. <i>International Journal of Retina and Vitreous</i> , 2021, 7, 29.	0.9	0
102	Diagnostic sensitivity of vitrectomy and vitreous biopsy for vitritis. <i>European Journal of Ophthalmology</i> , 2021, , 112067212110410.	0.7	0
103	Impact of COVID-19 pandemic on the vitreoretinal service at St Thomasâ€™ Hospital, London. <i>Eye</i> , 2022, 36, 246-247.	1.1	0