

David Wong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4672849/publications.pdf>

Version: 2024-02-01

132
papers

4,298
citations

126708

33
h-index

133063

59
g-index

134
all docs

134
docs citations

134
times ranked

3765
citing authors

#	ARTICLE	IF	CITATIONS
1	Subretinal Visual Implant Alpha IMS – Clinical trial interim report. Vision Research, 2015, 111, 149-160.	0.7	324
2	Adjuvant 5-fluorouracil and heparin prevents proliferative vitreoretinopathy. Ophthalmology, 2001, 108, 1179-1183.	2.5	243
3	CHOROIDAL EVALUATION USING ENHANCED DEPTH IMAGING SPECTRAL-DOMAIN OPTICAL COHERENCE TOMOGRAPHY IN VOGT-KOYANAGI-HARADA DISEASE. Retina, 2011, 31, 502-509.	1.0	217
4	Pseudophakic retinal detachment. Survey of Ophthalmology, 2003, 48, 467-487.	1.7	173
5	Use of perfluorohexyloctane as a long-term internal tamponade agent in complicated retinal detachment surgery. American Journal of Ophthalmology, 2002, 133, 95-101.	1.7	159
6	Lycium Barbarum Polysaccharides Reduce Neuronal Damage, Blood-Retinal Barrier Disruption and Oxidative Stress in Retinal Ischemia/Reperfusion Injury. PLoS ONE, 2011, 6, e16380.	1.1	144
7	A randomized controlled trial of combined 5-fluorouracil and low-molecular-weight heparin in management of established proliferative vitreoretinopathy. Ophthalmology, 2004, 111, 2240-2245.	2.5	137
8	Anti-Inflammatory Effects of Lutein in Retinal Ischemic/Hypoxic Injury: In Vivo and In Vitro Studies. , 2012, 53, 5976.		118
9	Effect of Lutein on Retinal Neurons and Oxidative Stress in a Model of Acute Retinal Ischemia/Reperfusion. , 2009, 50, 836.		113
10	Trypan blue staining in vitreoretinal surgery. Ophthalmology, 2003, 110, 2409-2412.	2.5	99
11	How to predict proliferative vitreoretinopathy. Ophthalmology, 2001, 108, 1184-1186.	2.5	92
12	Simultaneous spectral domain OCT and fundus autofluorescence imaging of the macula and microperimetric correspondence after successful repair of rhegmatogenous retinal detachment. British Journal of Ophthalmology, 2010, 94, 311-318.	2.1	87
13	Apoptosis and Other Cell Death Mechanisms after Retinal Detachment: Implications for Photoreceptor Rescue. Ophthalmologica, 2011, 226, 10-17.	1.0	85
14	Surgical failure following primary retinal detachment surgery by vitrectomy: risk factors and functional outcomes. British Journal of Ophthalmology, 2011, 95, 1234-1238.	2.1	83
15	Expression of hypoxia-inducible factor-1 α and -2 α in human choroidal neovascular membranes. Graefe's Archive for Clinical and Experimental Ophthalmology, 2009, 247, 1361-1367.	1.0	78
16	New surgical approach in the management of pseudophakic malignant glaucoma. Ophthalmology, 2001, 108, 780-783.	2.5	77
17	Progenitors for the Corneal Endothelium and Trabecular Meshwork: A Potential Source for Personalized Stem Cell Therapy in Corneal Endothelial Diseases and Glaucoma. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-13.	3.0	73
18	Is It Worth Reoperating on Macular Holes?. Ophthalmology, 2008, 115, 158-163.	2.5	72

#	ARTICLE	IF	CITATIONS
19	Lutein enhances survival and reduces neuronal damage in a mouse model of ischemic stroke. <i>Neurobiology of Disease</i> , 2012, 45, 624-632.	2.1	71
20	Lycium barbarum Extracts Protect the Brain from Blood-Brain Barrier Disruption and Cerebral Edema in Experimental Stroke. <i>PLoS ONE</i> , 2012, 7, e33596.	1.1	68
21	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
22	Does the Presence of an Epiretinal Membrane Alter the Cleavage Plane during Internal Limiting Membrane Peeling?. <i>Ophthalmology</i> , 2010, 117, 320-323.e1.	2.5	58
23	INCREASING THE EXTENSIONAL VISCOSITY OF SILICONE OIL REDUCES THE TENDENCY FOR EMULSIFICATION. <i>Retina</i> , 2010, 30, 300-304.	1.0	56
24	Perfluorocarbons and Semifluorinated Alkanes. <i>Seminars in Ophthalmology</i> , 2000, 15, 25-35.	0.8	55
25	Challenges in ophthalmic pathology: The vitreoretinal membrane biopsy. <i>Eye</i> , 2000, 14, 549-559.	1.1	54
26	Ahmed glaucoma valves in refractory glaucoma: a 7-year audit. <i>British Journal of Ophthalmology</i> , 2010, 94, 1174-1179.	2.1	54
27	The Presence of AC133-Positive Cells Suggests a Possible Role of Endothelial Progenitor Cells in the Formation of Choroidal Neovascularization. , 2006, 47, 1642.		51
28	The concept of heavy tamponadesâ€”chances and limitations. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2008, 246, 1217-1224.	1.0	48
29	Determinants of visual outcome after pars plana vitrectomy for posteriorly dislocated lens fragments in phacoemulsification. <i>Journal of Cataract and Refractive Surgery</i> , 2001, 27, 1199-1206.	0.7	45
30	Retinal Redetachment after Silicone Oil Removal in Proliferative Vitreoretinopathy: A Prognostic Factor Analysis. <i>American Journal of Ophthalmology</i> , 2008, 145, 527-533.e2.	1.7	45
31	Rhegmatogenous retinal detachment after transscleral local resection of choroidal melanoma. <i>Ophthalmology</i> , 2002, 109, 2137-2143.	2.5	43
32	Neuroprotective effects of lutein in a rat model of retinal detachment. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2013, 251, 41-51.	1.0	43
33	Exchange of perfluorodecalin for gas or oil: a model for avoiding slippage. , 1998, 236, 234.		42
34	The influence of explants on the physical efficiency of tamponade agents. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1999, 237, 870-874.	1.0	41
35	Pseudophakic retinal detachment. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1991, 229, 521-525.	1.0	40
36	Emulsification of Silicone Oil and Eye Movements. , 2011, 52, 9721.		39

#	ARTICLE	IF	CITATIONS
37	Promises of stem cell therapy for retinal degenerative diseases. Graefe's Archive for Clinical and Experimental Ophthalmology, 2011, 249, 1439-1448.	1.0	35
38	Non-vascular vitreoretinopathy: The cells and the cellular basis of contraction. Eye, 1996, 10, 671-684.	1.1	34
39	Tamponade properties of double-filling with perfluorohexyloctane and silicone oil in a model eye chamber. Graefe's Archive for Clinical and Experimental Ophthalmology, 2004, 242, 250-254.	1.0	34
40	Diabetic retinopathy screening: global and local perspective. Hong Kong Medical Journal, 2016, 22, 486-95.	0.1	33
41	Aldose Reductase Deficiency Reduced Vascular Changes in Neonatal Mouse Retina in Oxygen-Induced Retinopathy. , 2012, 53, 5698.		32
42	In Vitro Modeling of Emulsification of Silicone Oil as Intraocular Tamponade Using Microengineered Eye-on-a-Chip. , 2015, 56, 3314.		32
43	Can an Intraoperative Bevacizumab Injection Prevent Recurrent Postvitrectomy Diabetic Vitreous Hemorrhage?. European Journal of Ophthalmology, 2009, 19, 618-621.	0.7	31
44	Quantifying silicone oil emulsification in patients: are we only seeing the tip of the iceberg?. Graefe's Archive for Clinical and Experimental Ophthalmology, 2015, 253, 1671-1675.	1.0	30
45	SDF1-alpha is associated with VEGFR-2 in human choroidal neovascularisation. Microvascular Research, 2008, 75, 302-307.	1.1	29
46	The Distribution, Release Kinetics, and Biocompatibility of Triamcinolone Injected and Dispersed in Silicone Oil. , 2009, 50, 2337.		28
47	Local anaesthesia for vitreoretinal surgery: A case-control study of 200 cases. Eye, 1998, 12, 407-411.	1.1	27
48	More severe type 2 diabetes-associated ischemic stroke injury is alleviated in aldose reductase-deficient mice. Journal of Neuroscience Research, 2010, 88, 2026-2034.	1.3	27
49	Emulsification and inverted hypopyon formation of oxane HD in the anterior chamber. Graefe's Archive for Clinical and Experimental Ophthalmology, 2008, 246, 1633-1635.	1.0	25
50	Double peel using triamcinolone acetonide and trypan blue in the management of myopic macular hole with retinal detachment: a case-control study. Clinical and Experimental Ophthalmology, 2010, 38, 664-668.	1.3	25
51	What pressure is exerted on the retina by heavy tamponade agents?. Graefe's Archive for Clinical and Experimental Ophthalmology, 2005, 243, 474-477.	1.0	24
52	Prevalence of ocular abnormalities in adults with Down syndrome in Hong Kong. British Journal of Ophthalmology, 2013, 97, 423-428.	2.1	24
53	Adhesion of silicone oil and emulsification: an <i>in vitro</i> assessment using a microfluidic device and "Eye-on-a-Chip"™. Acta Ophthalmologica, 2019, 97, 313-318.	0.6	23
54	Deficiency of aldose reductase attenuates inner retinal neuronal changes in a mouse model of retinopathy of prematurity. Graefe's Archive for Clinical and Experimental Ophthalmology, 2015, 253, 1503-1513.	1.0	21

#	ARTICLE	IF	CITATIONS
55	Early vitrectomy for fundus-obscuring dense vitreous haemorrhage from presumptive retinal tears. Graefe's Archive for Clinical and Experimental Ophthalmology, 2007, 245, 301-304.	1.0	20
56	Heavy silicone oil tamponade after failed macular hole surgery with perfluoropropane (C3F8): a report of five cases. Graefe's Archive for Clinical and Experimental Ophthalmology, 2009, 247, 707-709.	1.0	19
57	Factors Influencing the Shear Rate Acting on Silicone Oil to Cause Silicone Oil Emulsification. , 2014, 55, 7451.		19
58	Are we getting better at treating retinal detachment? Technology, referral pattern or primary care?. Eye, 1997, 11, 763-764.	1.1	17
59	Intravitreal bevacizumab for retinal vein occlusion and early growth of epiretinal membrane: a possible secondary effect?. British Journal of Ophthalmology, 2011, 95, 391-395.	2.1	17
60	Avoiding retinal slippage during macular translocation surgery with 360 retinotomy. Graefe's Archive for Clinical and Experimental Ophthalmology, 2008, 246, 649-651.	1.0	15
61	Intravitreal ranibizumab, photodynamic therapy, and vitreous surgery for the treatment of juxtapapillary retinal capillary hemangioma. Graefe's Archive for Clinical and Experimental Ophthalmology, 2011, 249, 625-627.	1.0	15
62	Primary 23-gauge sutureless vitrectomy for rhegmatogenous retinal detachment. Indian Journal of Ophthalmology, 2012, 60, 29.	0.5	15
63	Free ILM patch transplantation for recalcitrant macular holes; should we save some internal limiting membrane for later?. Graefe's Archive for Clinical and Experimental Ophthalmology, 2016, 254, 2093-2094.	1.0	15
64	F4H5: a novel substance for the removal of silicone oil from intraocular lenses. British Journal of Ophthalmology, 2010, 94, 364-367.	2.1	14
65	The safety of using anti-VEGF: Is there strength in numbers? Curtis LH, Hammill BC, Schulman KA, Cousins SW (2010) Risks of mortality, myocardial infarction, bleeding, and stroke associated with therapies for age-related macular degeneration. Arch Ophthalmol 128(10):1273-1279. Graefe's Archive for Clinical and Experimental Ophthalmology, 2011, 249, 161-162.	1.0	14
66	Detection of Glaucoma and Its Association With Diabetic Retinopathy in a Diabetic Retinopathy Screening Program. Journal of Glaucoma, 2016, 25, 101-105.	0.8	14
67	Silicone oils compared and found wanting. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, 259, 11-12.	1.0	14
68	FIBROUS MEMBRANES IN DIABETIC RETINOPATHY AND BEVACIZUMAB. Retina, 2010, 30, 1012-1016.	1.0	13
69	The incidental findings of age-related macular degeneration during diabetic retinopathy screening. Graefe's Archive for Clinical and Experimental Ophthalmology, 2014, 252, 723-729.	1.0	13
70	OUTCOMES OF DELAYED VITRECTOMY IN OPEN-GLOBE INJURIES IN YOUNG PATIENTS. Retina, 2011, 31, 1541-1544.	1.0	12
71	The impact of axial length on retinal tamponade for gas, silicone oil, and heavy silicone oil, using an in vitro model. Graefe's Archive for Clinical and Experimental Ophthalmology, 2011, 249, 671-675.	1.0	12
72	Flow Behavior of Heavy Silicone Oil During Eye Movements. Investigative Ophthalmology and Visual Science, 2014, 55, 8453-8457.	3.3	12

#	ARTICLE	IF	CITATIONS
73	A Low-Molecular-Weight Oil Cleaner For Removal of Leftover Silicone Oil Intraocular Tamponade. <i>Investigative Ophthalmology and Visual Science</i> , 2015, 56, 1014-1022.	3.3	12
74	Towards better characterization and quantification of emulsification of silicone oil <i>inÂvitro</i>. <i>Acta Ophthalmologica</i> , 2017, 95, e385-e392.	0.6	12
75	Novel Heavy Tamponade for Vitreoretinal Surgery. , 2013, 54, 7284.		11
76	Development of emulsification resistant heavier-than-water tamponades using high molecular weight silicone oil polymers. <i>Journal of Biomaterials Applications</i> , 2015, 30, 212-220.	1.2	11
77	Management of traumatic posterior capsular rupture: Corneal approach with high speed vitrector. <i>Journal of Cataract and Refractive Surgery</i> , 2005, 31, 1666-1668.	0.7	10
78	Spontaneous progressive supra-choroidal haemorrhage in a patient undergoing haemodialysis. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2007, 245, 1741-1742.	1.0	10
79	Special Adjuncts to Treatment. , 2013, , 1735-1783.		10
80	Second instrument tip breaks during phacoemulsification. <i>Canadian Journal of Ophthalmology</i> , 2008, 43, 702-706.	0.4	9
81	Avastin in myopic choroidal neovascularisation: is age the limit?. <i>British Journal of Ophthalmology</i> , 2008, 92, 1011-1012.	2.1	9
82	Heavy Silicone Oil: A "Novel" Intraocular Tamponade Agent. <i>Optometry and Vision Science</i> , 2011, 88, 772-775.	0.6	9
83	Amphiphilic additives in silicone oil tamponade and emulsification: an eye"on" chip study. <i>Acta Ophthalmologica</i> , 2020, 98, e232-e237.	0.6	9
84	Double Macular Hole in Vitreomacular Traction Syndrome. <i>Retina</i> , 2007, 27, 648-650.	1.0	8
85	Transplantation in the treatment of age-related macular degeneration: past, present and future directions. <i>Expert Review of Ophthalmology</i> , 2007, 2, 497-511.	0.3	7
86	<i>Pseudomonas aeruginosa</i> choroidal abscess in a patient with bronchiectasis. <i>International Ophthalmology</i> , 2008, 28, 287-290.	0.6	6
87	In vitro experiment to elucidate the mechanism of the "soft shell technique"™ for preventing subretinal migration of perfluoro-octane. <i>British Journal of Ophthalmology</i> , 2017, 101, bjophthalmol-2016-309856.	2.1	6
88	Polydimethyl Siloxane as an Internal Tamponade for Vitreoretinal Surgery. <i>Ophthalmologica</i> , 2017, 238, 68-73.	1.0	6
89	A perfluorobutylpentane (F4H5)â€based solution for the removal of residual emulsified silicone oil. <i>Acta Ophthalmologica</i> , 2018, 96, e38-e45.	0.6	6
90	Histopathological Changes and Clinical Outcomes following Intervention for Sub-Internal Limiting Membrane Haemorrhage. <i>Ophthalmologica</i> , 2020, 243, 217-223.	1.0	6

#	ARTICLE	IF	CITATIONS
91	Can the sequential use of conventional silicone oil and heavy oil be a strategy for the management of proliferative vitreoretinopathy?. <i>Annals of the Academy of Medicine, Singapore</i> , 2006, 35, 181-4.	0.2	5
92	Letter. <i>Eye</i> , 1995, 9, 539-539.	1.1	4
93	Optical coherence tomography analysis of bilateral end-stage choroidal neovascularization where one eye is treated with photodynamic therapy. <i>Clinical and Experimental Ophthalmology</i> , 2007, 35, 13-17.	1.3	4
94	Welcome to the Ipad generation. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2011, 249, 1-2.	1.0	4
95	The Use of Continuous Silicone Oil Infusion as a Peroperative Tool to Facilitate Break Localisation, Vitreous Base Dissection and Drainage of Subretinal Fluid. <i>Ophthalmologica</i> , 2011, 226, 53-57.	1.0	4
96	Ocriplasmin " variable efficacy?. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2016, 254, 1245-1246.	1.0	4
97	Scleral buckling versus vitrectomy: can the trend be reversed suprachoroidally?. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 15-16.	1.0	4
98	The Tamponade Effect. , 2005, , 147-161.		3
99	Does the surface property of a disposable applanation tonometer account for its underestimation of intraocular pressure when compared with the Goldmann tonometer?. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2007, 245, 555-559.	1.0	3
100	Choroidal neovascularization secondary to <i>Klebsiella pneumoniae</i> endogenous abscess and endophthalmitis. <i>Clinical and Experimental Ophthalmology</i> , 2009, 37, 239-240.	1.3	3
101	Spontaneous Self-Concept Among Chinese Undergraduates in Hong Kong. <i>Social Behavior and Personality</i> , 2014, 42, 1353-1363.	0.3	3
102	IV.G. Physiology of Vitreous Substitutes. , 2014, , 537-549.		3
103	Cutting the Internal Limiting Membrane With Zero Aspiration Technique. <i>Retina</i> , 2019, 39, S133-S136.	1.0	3
104	Shear and Extensional Rheometry of PDMS Tamponade Agents Used in Vitreoretinal Surgery. <i>AIP Conference Proceedings</i> , 2008, , .	0.3	2
105	Ophthalmic Biomaterials. , 2009, , 327-347.		2
106	To peel or not to peel the internal limiting membrane: a question finally answered?. <i>British Journal of Ophthalmology</i> , 2009, 93, 987-988.	2.1	2
107	Intraoperative fracture of phacoemulsification sleeve. <i>BMC Ophthalmology</i> , 2010, 10, 29.	0.6	2
108	Sub-Macular Surgery: Is Still an Option for Age-Related Macular Degeneration?. <i>Current Drug Targets</i> , 2011, 12, 190-198.	1.0	2

#	ARTICLE	IF	CITATIONS
109	HEAVY SILICONE OIL (DENSIRON) AND SUPINE POSITION IN THE MANAGEMENT OF MASSIVE SUPRACHOROIDAL HEMORRHAGE: USE OF HEAVY SILICONE FOR SUPRACHOROIDAL HEMORRHAGE. Retinal Cases and Brief Reports, 2012, 6, 80-81.	0.3	2
110	Individual risk assessment and information technology to optimise screening frequency for diabetic retinopathy by Aspelund et al. (2011) Diabetologia 54:2525-2532. Graefe's Archive for Clinical and Experimental Ophthalmology, 2012, 250, 477-478.	1.0	2
111	An in vitro study of subretinal perfluorocarbon liquid (PFCL) droplets and the physics of their retention and evacuation. Acta Ophthalmologica, 2021, 99, e1517-e1523.	0.6	2
112	Surgical treatment of age-related macular degeneration: will there be a role in the future?. Clinical and Experimental Ophthalmology, 2007, 35, 070130044246010-???	1.3	1
113	Treatment of exposed explants with donor sclera and amniotic membrane. Graefe's Archive for Clinical and Experimental Ophthalmology, 2007, 245, 915-916.	1.0	1
114	Letters to the Editor. Journal of Paediatrics and Child Health, 2009, 45, 235-236.	0.4	1
115	SURGICAL MANAGEMENT OF MASSIVE SUBMACULAR HEMORRHAGE ASSOCIATED WITH AGE-RELATED MACULAR DEGENERATION. Retinal Cases and Brief Reports, 2009, 3, 391-394.	0.3	1
116	Graefe's Archives for Clinical and Experimental Ophthalmology: the past and the future. Graefe's Archive for Clinical and Experimental Ophthalmology, 2012, 250, 1-2.	1.0	1
117	Graefe's archive for clinical and experimental ophthalmology "instant glue for retinal detachment surgery?". Graefe's Archive for Clinical and Experimental Ophthalmology, 2014, 252, 1695-1696.	1.0	1
118	IV.F. Pharmacotherapy of Proliferative Vitreoretinopathy. , 2014, , 523-536.		1
119	Should we stop anti-thrombotic agents prior to vitrectomy?. Graefe's Archive for Clinical and Experimental Ophthalmology, 2018, 256, 459-460.	1.0	1
120	Slippage of the Retina: What Causes It and How Can It Be Prevented?. , 2007, , 41-51.		1
121	Orbital neurofibromatosis presenting as pulsating enophthalmos. Orbit, 1994, 13, 191-193.	0.5	0
122	Limited inferior macular translocation for the treatment of subfoveal choroidal neovascularization secondary to age-related macular degeneration. American Journal of Ophthalmology, 2001, 132, 139.	1.7	0
123	Does the internal limiting membrane regenerate?. Clinical and Experimental Ophthalmology, 2008, 36, 579-580.	1.3	0
124	Correspondence. Retina, 2010, 30, 534-535.	1.0	0
125	Perception of tilt following counterrotation surgery. Clinical and Experimental Ophthalmology, 2010, 38, 284-291.	1.3	0
126	Myopic macular hole: response. Clinical and Experimental Ophthalmology, 2011, 39, 717-717.	1.3	0

#	ARTICLE	IF	CITATIONS
127	Is traction the cause or the effect?. Graefe's Archive for Clinical and Experimental Ophthalmology, 2011, 249, 809-810.	1.0	0
128	No excuse for not looking. Graefe's Archive for Clinical and Experimental Ophthalmology, 2013, 251, 1461-1462.	1.0	0
129	Obstructive Sleep Apnea and Diabetes Mellitus. "Seeing"™ beyond Glycemic Control. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 807-809.	2.5	0
130	Non-penetrating glaucoma surgery for advanced open-angle glaucoma. Graefe's Archive for Clinical and Experimental Ophthalmology, 2018, 256, 1479-1479.	1.0	0
131	Measurement Of Cyclotorsion in a Patient Following Macular Translocation Surgery Using a Modified Version of the Watzke"Allen Test. Retina, 2003, 23, 250-252.	1.0	0
132	Ophthalmic Biomaterials. , 2021, , 495-515.		0