

# David H Steel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1789263/publications.pdf>

Version: 2024-02-01

222  
papers

7,078  
citations

76326  
40  
h-index

76900  
74  
g-index

226  
all docs

226  
docs citations

226  
times ranked

6754  
citing authors

#	ARTICLE	IF	CITATIONS
1	Subretinal Injection Under Perfluorocarbon Liquids to Avoid Foveal Dehiscence. <i>Retina</i> , 2023, 43, 1612-1615.	1.7	3
2	The effect of age on phenotype of primary rhegmatogenous retinal detachment. <i>Eye</i> , 2023, 37, 1114-1122.	2.1	6
3	Patient-reported outcome measures in vitreoretinal surgery: a systematic review. <i>Eye</i> , 2023, 37, 391-401.	2.1	1
4	How should we report the foveal status in eyes with 'macula-off' retinal detachment?. <i>Eye</i> , 2023, 37, 228-234.	2.1	1
5	Role of Positioning after Full-Thickness Macular Hole Surgery. <i>Ophthalmology Retina</i> , 2023, 7, 33-43.	2.4	2
6	Infographic: vitrectomy plus encircling band vs. vitrectomy alone for the treatment of pseudophakic retinal detachment (VIPER) study. <i>Eye</i> , 2022, 36, 7-7.	2.1	0
7	Infographic: Effect of face-down positioning vs support-the-break positioning after macula-involving retinal detachment repair: the PostRD randomised clinical trial. <i>Eye</i> , 2022, 36, 350-351.	2.1	1
8	Infographic: intravitreal aflibercept vs vitrectomy with panretinal photocoagulation for vitreous haemorrhage from proliferative diabetic retinopathy. <i>Eye</i> , 2022, 36, 8-9.	2.1	0
9	Infographic: the Pneumatic Retinopexy versus Vitrectomy for the Management of Primary Rhegmatogenous Retinal Detachment Outcomes Randomized Trial (PIVOT). <i>Eye</i> , 2022, 36, 913-914.	2.1	1
10	Idiopathic epiretinal membrane: progression and timing of surgery. <i>Eye</i> , 2022, 36, 495-503.	2.1	24
11	PDGF as an Important Initiator for Neurite Outgrowth Associated with Fibrovascular Membranes in Proliferative Diabetic Retinopathy. <i>Current Eye Research</i> , 2022, 47, 277-286.	1.5	6
12	Associations and Outcomes of Patients with Submacular Hemorrhage Secondary to Age-related Macular Degeneration in the IVAN Trial. <i>American Journal of Ophthalmology</i> , 2022, 236, 89-98.	3.3	7
13	Research Techniques Made Simple: Volume Scanning Electron Microscopy. <i>Journal of Investigative Dermatology</i> , 2022, 142, 265-271.e1.	0.7	6
14	Benchmarking automated detection of the retinal external limiting membrane in a 3D spectral domain optical coherence tomography image dataset of full thickness macular holes. <i>Computers in Biology and Medicine</i> , 2022, 140, 105070.	7.0	7
15	pRB-Depleted Pluripotent Stem Cell Retinal Organoids Recapitulate Cell State Transitions of Retinoblastoma Development and Suggest an Important Role for pRB in Retinal Cell Differentiation. <i>Stem Cells Translational Medicine</i> , 2022, 11, 415-433.	3.3	15
16	Human Retinal Organoids Provide a Suitable Tool for Toxicological Investigations: A Comprehensive Validation Using Drugs and Compounds Affecting the Retina. <i>Stem Cells Translational Medicine</i> , 2022, 11, 159-177.	3.3	18
17	Vitrectomy, subretinal Tissue plasminogen activator and Intravitreal Gas for submacular haemorrhage secondary to Exudative Age-Related macular degeneration (TIGER): study protocol for a phase 3, pan-European, two-group, non-commercial, active-control, observer-masked, superiority, randomised controlled surgical trial. <i>Trials</i> , 2022, 23, 99.	1.6	8
18	Intraocular Tamponade Choice with Vitrectomy and Internal Limiting Membrane Peeling for Idiopathic Macular Hole. <i>Ophthalmology Retina</i> , 2022, 6, 457-468.	2.4	7

#	ARTICLE	IF	CITATIONS
19	Epimacular brachytherapy for previously treated neovascular age-related macular degeneration: month 36 results of the MERLOT randomised controlled trial. British Journal of Ophthalmology, 2022, , bjophthalmol-2021-320620.	3.9	0
20	Associations of Alcohol Consumption and Smoking With Disease Risk and Neurodegeneration in Individuals With Multiple Sclerosis in the United Kingdom. JAMA Network Open, 2022, 5, e220902.	5.9	8
21	Rare complement factor I variants associated with reduced macular thickness and age-related macular degeneration in the UK Biobank. Human Molecular Genetics, 2022, 31, 2678-2692.	2.9	11
22	What Is the Cause of Toxicity of Silicone Oil?. Materials, 2022, 15, 269.	2.9	13
23	Sensitivity analysis in clinical trials: three criteria for a valid sensitivity analysis. Eye, 2022, 36, 2073-2074.	2.1	6
24	Determinants of vitreomacular traction width: associations with foveal floor width and vitreoretinal interface changes. Acta Ophthalmologica, 2021, 99, e700-e705.	1.1	2
25	Factors affecting anatomical and visual outcome after macular hole surgery: findings from a large prospective UK cohort. Eye, 2021, 35, 316-325.	2.1	73
26	Incidence, characteristics, outcomes and confidence in managing posterior capsular rupture during cataract surgery in the UK: an ophthalmology traineesâ€™ perspective. Eye, 2021, 35, 1213-1220.	2.1	10
27	Factors affecting visual recovery after successful repair of macula-off retinal detachments: findings from a large prospective UK cohort study. Eye, 2021, 35, 1431-1439.	2.1	28
28	Silicone oils compared and found wanting. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, 259, 11-12.	1.9	14
29	Phenotype and Outcomes of Phakic Versus Pseudophakic Primary Rhegmatogenous Retinal Detachments: Cataract or Cataract Surgery Related?. American Journal of Ophthalmology, 2021, 222, 318-327.	3.3	14
30	Revisiting the role of factor H in age-related macular degeneration: Insights from complement-mediated renal disease and rare genetic variants. Survey of Ophthalmology, 2021, 66, 378-401.	4.0	19
31	Comment on "Fluid viscosity but not surface tension, determines the tamponade effect of intravitreal fluids in a novel in vitro eye model of retinal detachment" by A. Friehmann et al. (J. Mech. Behav.) Tj ETQq1 1 0.784314 rgBT <sub>0</sub> /Overload 104128.	3.1	1
32	Evaluation of a New Model of Care for People with Complications of Diabetic Retinopathy. Ophthalmology, 2021, 128, 561-573.	5.2	15
33	Silicone oil in vitreoretinal surgery: indications, complications, new developments and alternative long-term tamponade agents. Acta Ophthalmologica, 2021, 99, 240-250.	1.1	37
34	Response to "Comment on: Factors affecting anatomical and visual outcome after macular hole surgery: findings from a large prospective UK cohort"â€™. Eye, 2021, 35, 1513-1514.	2.1	3
35	Fluorescein Angiography Findings in Eyes With Lamellar Macular Hole and Epiretinal Membrane Foveoschisis. , 2021, 62, 34.		7
36	Visual impairment, severe visual impairment, and blindness in children in Britain (BCVIS2): a national observational study. The Lancet Child and Adolescent Health, 2021, 5, 190-200.	5.6	37

#	ARTICLE	IF	CITATIONS
37	Biomechanical properties of retina and choroid: a comprehensive review of techniques and translational relevance. <i>Eye</i> , 2021, 35, 1818-1832.	2.1	28
38	Age-related macular degeneration “ biomarkers and therapies. <i>Regenerative Medicine</i> , 2021, 16, 431-434.	1.7	1
39	Infographic: Positioning In Macular hole Surgery (PIMS) trial. <i>Eye</i> , 2021, , .	2.1	0
40	Infographic: residual intraretinal edema after 25-gauge vitrectomy and macular pucker removal: Is intraoperative sustained-release dexamethasone a real treatment option?. <i>Eye</i> , 2021, , .	2.1	1
41	Multimodal imaging interpreted by graders to detect re-activation of diabetic eye disease in previously treated patients: the EMERALD diagnostic accuracy study. <i>Health Technology Assessment</i> , 2021, 25, 1-104.	2.8	1
42	Infographic: Slow-release dexamethasone in proliferative vitreoretinopathy (PVR). <i>Eye</i> , 2021, , .	2.1	1
43	Prevalence and phenotype associations of complement factor I mutations in geographic atrophy. <i>Human Mutation</i> , 2021, 42, 1139-1152.	2.5	8
44	OUTCOME OF REVISION PROCEDURES FOR FAILED PRIMARY MACULAR HOLE SURGERY. <i>Retina</i> , 2021, 41, 1389-1395.	1.7	14
45	New Classification for the Reporting of Complications in Retinal Detachment Surgical Trials. <i>JAMA Ophthalmology</i> , 2021, 139, 857.	2.5	9
46	The Surgeon’s Role in Inducing and Controlling Motion Errors During Intraocular Membrane Peeling Procedures. <i>Türk Oftalmoloji Dergisi</i> , 2021, 51, 288-293.	0.9	0
47	OCRIPLASMIN FOR VITREOMACULAR TRACTION IN CLINICAL PRACTICE. <i>Retina</i> , 2021, 41, 266-276.	1.7	8
48	Intravitreal bevacizumab prior to vitrectomy for proliferative diabetic retinopathy: a systematic review. <i>Therapeutic Advances in Ophthalmology</i> , 2021, 13, 251584142110592.	1.4	2
49	Retinal detachment following cataract phacoemulsification”a review of the literature. <i>Eye</i> , 2020, 34, 616-631.	2.1	62
50	FOVEAL SPARING INTERNAL LIMITING MEMBRANE PEELING FOR IDIOPATHIC MACULAR HOLES. <i>Retina</i> , 2020, 40, 2127-2133.	1.7	13
51	Macular hole morphology and measurement using an automated three-dimensional image segmentation algorithm. <i>BMJ Open Ophthalmology</i> , 2020, 5, e000404.	1.6	13
52	Coculture techniques for modeling retinal development and disease, and enabling regenerative medicine. <i>Stem Cells Translational Medicine</i> , 2020, 9, 1531-1548.	3.3	15
53	Evaluation of Month-24 Efficacy and Safety of Epimacular Brachytherapy for Previously Treated Neovascular Age-Related Macular Degeneration. <i>JAMA Ophthalmology</i> , 2020, 138, 835.	2.5	6
54	Rhegmatogenous retinal detachment: a review of current practice in diagnosis and management. <i>BMJ Open Ophthalmology</i> , 2020, 5, e000474.	1.6	63

#	ARTICLE	IF	CITATIONS
55	Complement modulation reverses pathology in Y402H-retinal pigment epithelium cell model of age-related macular degeneration by restoring lysosomal function. <i>Stem Cells Translational Medicine</i> , 2020, 9, 1585-1603.	3.3	36
56	microRNA Expression Profile in the Vitreous of Proliferative Diabetic Retinopathy Patients and Differences from Patients Treated with Anti-VEGF Therapy. <i>Translational Vision Science and Technology</i> , 2020, 9, 16.	2.2	19
57	FFP3, FFP2, N95, surgical masks and respirators: what should we be wearing for ophthalmic surgery in the COVID-19 pandemic?. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2020, 258, 1587-1589.	1.9	20
58	Optical coherence tomography-based consensus definition for lamellar macular hole. <i>British Journal of Ophthalmology</i> , 2020, 104, 1741-1747.	3.9	90
59	Assessment of the Vitreomacular Interface Using High-Resolution OCT in a Population-Based Cohort Study of Older Adults. <i>Ophthalmology Retina</i> , 2020, 4, 801-813.	2.4	11
60	Reshaping ophthalmology training after COVID-19 pandemic. <i>Eye</i> , 2020, 34, 2089-2097.	2.1	104
61	Predicting Postoperative Vision for Macular Hole with Automated Image Analysis. <i>Ophthalmology Retina</i> , 2020, 4, 1211-1213.	2.4	7
62	The Effect of Internal Limiting Membrane Cleaning on Epiretinal Membrane Formation after Vitrectomy for Proliferative Diabetic Retinopathy. <i>Ophthalmologica</i> , 2020, 243, 426-435.	1.9	3
63	Eplerenone for chronic central serous chorioretinopathy in patients with active, previously untreated disease for more than 4 months (VICI): a randomised, double-blind, placebo-controlled trial. <i>Lancet, The</i> , 2020, 395, 294-303.	13.7	134
64	Why ophthalmologists should mask: a perspective from Hong Kong. <i>Eye</i> , 2020, 34, 1168-1169.	2.1	5
65	Hemorrhagic complications associated with suprachoroidal buckling. <i>International Journal of Retina and Vitreous</i> , 2020, 6, 10.	1.9	9
66	The Association between Foveal Floor Measurements and Macular Hole Size. <i>Ophthalmology Retina</i> , 2020, 5, 680-686.	2.4	6
67	Segmentation of Macular Edema Datasets with Small Residual 3D U-Net Architectures. , 2020, , .		1
68	Effectiveness of Multimodal imaging for the Evaluation of Retinal oedema And new vessels in Diabetic retinopathy (EMERALD). <i>BMJ Open</i> , 2019, 9, e027795.	1.9	7
69	CRX Expression in Pluripotent Stem Cell-Derived Photoreceptors Marks a Transplantable Subpopulation of Early Cones. <i>Stem Cells</i> , 2019, 37, 609-622.	3.2	51
70	An integrated transcriptional analysis of the developing human retina. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	75
71	Cochrane Corner: Ocricplasminâ€™why isnâ€™t it being used more?. <i>Eye</i> , 2019, 33, 1195-1197.	2.1	8
72	PARS PLANA VITRECTOMY FOR THE TREATMENT OF TRACTIONAL AND DEGENERATIVE LAMELLAR MACULAR HOLES. <i>Retina</i> , 2019, 39, 2090-2098.	1.7	42

#	ARTICLE	IF	CITATIONS
73	Diabetic macular oedema and diode subthreshold micropulse laser (DIAMONDS): study protocol for a randomised controlled trial. <i>Trials</i> , 2019, 20, 122.	1.6	22
74	Homozygous Variant in ARL3 Causes Autosomal Recessive Cone Rod Dystrophy. , 2019, 60, 4811.		12
75	Incidence of submacular haemorrhage (SMH) in Scotland: a Scottish Ophthalmic Surveillance Unit (SOSU) study. <i>Eye</i> , 2019, 33, 486-491.	2.1	9
76	Patient-reported prevalence of metamorphopsia and predictors of vision-related quality of life in vitreomacular traction: a prospective, multi-centre study. <i>Eye</i> , 2019, 33, 435-444.	2.1	12
77	Cutting the Internal Limiting Membrane With Zero Aspiration Technique. <i>Retina</i> , 2019, 39, S133-S136.	1.7	3
78	SIGNIFICANCE OF PREOPERATIVE EXTERNAL LIMITING MEMBRANE HEIGHT ON VISUAL PROGNOSIS IN PATIENTS UNDERGOING MACULAR HOLE SURGERY. <i>Retina</i> , 2019, 39, 1392-1398.	1.7	14
79	Cellular regeneration strategies for macular degeneration: past, present and future. <i>Eye</i> , 2018, 32, 946-971.	2.1	76
80	Multi-Scale Segmentation and Surface Fitting for Measuring 3-D Macular Holes. <i>IEEE Transactions on Medical Imaging</i> , 2018, 37, 580-589.	8.9	15
81	Trainee-led research networks in ophthalmology: is this the way forward?. <i>Eye</i> , 2018, 32, 476-477.	2.1	4
82	ILM peeling in rhegmatogenous retinal detachment; does it improve the outcome?. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2018, 256, 247-248.	1.9	4
83	In Reply to the Letter to the Editor from Anderson et al.: An Induced Pluripotent Stem Cell Patient Specific Model of Complement Factor H (Y402H) Polymorphism Displays Characteristic Features of Age-Related Macular Degeneration and Indicates a Beneficial. <i>Stem Cells</i> , 2018, 36, 627-629.	3.2	0
84	ROYAL COLLEGE OF OPHTHALMOLOGISTS' NATIONAL DATABASE STUDY OF VITREORETINAL SURGERY. <i>Retina</i> , 2018, 38, 334-342.	1.7	16
85	Research attitudes and perceived barriers to conducting research among ophthalmology trainees. <i>Eye</i> , 2018, 32, 653-655.	2.1	6
86	Intravitreal gas for symptomatic vitreomacular adhesion: a synthesis of the literature. <i>Acta Ophthalmologica</i> , 2018, 96, 685-691.	1.1	17
87	Response to "About bariatric surgery and diabetic retinopathy; the debate continues". <i>Eye</i> , 2018, 32, 652-653.	2.1	0
88	INTERNAL LIMITING MEMBRANE PEELING IN MACULAR HOLE SURGERY; WHY, WHEN, AND HOW?. <i>Retina</i> , 2018, 38, 870-882.	1.7	63
89	Unintentional Movements During the Use of Vitreoretinal Forceps. <i>Translational Vision Science and Technology</i> , 2018, 7, 28.	2.2	4
90	Targeted exon skipping of a CEP290 mutation rescues Joubert syndrome phenotypes in vitro and in a murine model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 12489-12494.	7.1	44

#	ARTICLE	IF	CITATIONS
91	ARL3 Mutations Cause Joubert Syndrome by Disrupting Ciliary Protein Composition. American Journal of Human Genetics, 2018, 103, 612-620.	6.2	70
92	Disrupted alternative splicing for genes implicated in splicing and ciliogenesis causes PRPF31 retinitis pigmentosa. Nature Communications, 2018, 9, 4234.	12.8	158
93	The Application of Biomaterials to Tissue Engineering Neural Retina and Retinal Pigment Epithelium. Advanced Healthcare Materials, 2018, 7, e1800226.	7.6	32
94	Genome-wide association meta-analysis highlights light-induced signaling as a driver for refractive error. Nature Genetics, 2018, 50, 834-848.	21.4	239
95	Extracellular matrix component expression in human pluripotent stem cell-derived retinal organoids recapitulates retinogenesis in vivo and reveals an important role for IMPG1 and CD44 in the development of photoreceptors and interphotoreceptor matrix. Acta Biomaterialia, 2018, 74, 207-221.	8.3	34
96	Laminin $\beta 3$ plays an important role in retinal lamination, photoreceptor organisation and ganglion cell differentiation. Cell Death and Disease, 2018, 9, 615.	6.3	21
97	Retinal imaging to identify target organ damage in older Africans: A pilot study. Journal of Clinical Hypertension, 2018, 20, 1296-1301.	2.0	3
98	Smart phone ophthalmoscopy: a potential replacement for the direct ophthalmoscope. Eye, 2018, 32, 1766-1771.	2.1	39
99	The management of macular hole retinal detachment and macular retinoschisis in pathological myopia; a UK collaborative study. Eye, 2018, 32, 1743-1751.	2.1	9
100	Human-Induced Pluripotent Stem Cells Generate Light Responsive Retinal Organoids with Variable and Nutrient-Dependent Efficiency. Stem Cells, 2018, 36, 1535-1551.	3.2	149
101	Transplantation of Human Embryonic Stem Cell-Derived Retinal Pigment Epithelial Cells in Macular Degeneration. Ophthalmology, 2018, 125, 1765-1775.	5.2	177
102	Optic Disc Pit Maculopathy. Ophthalmology, 2018, 125, 1757-1764.	5.2	37
103	Multimodal imaging in a patient with ocular argyrosis complicated by diabetic retinopathy. Canadian Journal of Ophthalmology, 2018, 53, e262-e266.	0.7	3
104	Vitreoretinal interface abnormalities in patients treated with ranibizumab for diabetic macular oedema. Graefes Archive for Clinical and Experimental Ophthalmology, 2017, 255, 733-742.	1.9	32
105	It's a gas! Pneumatic release of VMT. Eye, 2017, 31, 347-348.	2.1	2
106	Real world outcomes of ocriplasmin use by members of the British and Eire Association of Vitreoretinal Surgeons. Eye, 2017, 31, 107-112.	2.1	14
107	Diabetic Macular Edema Outcomes in Eyes Treated with Fluocinolone Acetonide 0.2 $\mu$ g/d Intravitreal Implant: Real-World UK Experience. European Journal of Ophthalmology, 2017, 27, 357-362.	1.3	25
108	Human iPSC disease modelling reveals functional and structural defects in retinal pigment epithelial cells harbouring the m.3243A>G mitochondrial DNA mutation. Scientific Reports, 2017, 7, 12320.	3.3	17

#	ARTICLE	IF	CITATIONS
109	Effect of high-vacuum setting on phacoemulsification efficiency. <i>Journal of Cataract and Refractive Surgery</i> , 2017, 43, 1135-1139.	1.5	22
110	An Induced Pluripotent Stem Cell Patient Specific Model of Complement Factor H (Y402H) Polymorphism Displays Characteristic Features of Age-Related Macular Degeneration and Indicates a Beneficial Role for UV Light Exposure. <i>Stem Cells</i> , 2017, 35, 2305-2320.	3.2	58
111	Does bariatric surgery prevent progression of diabetic retinopathy?. <i>Eye</i> , 2017, 31, 1131-1139.	2.1	24
112	Letter in response to letter: intraocular use of acid violet 17 at a concentration of 1.5Âmg/ml is not safe. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 629-629.	1.9	2
113	3D culture of human pluripotent stem cells in RGD-alginate hydrogel improves retinal tissue development. <i>Acta Biomaterialia</i> , 2017, 49, 329-343.	8.3	122
114	Scleral buckling versus vitrectomy: can the trend be reversed suprachoroidally?. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 15-16.	1.9	4
115	Optimizing Medical Management in Patients with Sight-Threatening Diabetic Retinopathy. <i>Ophthalmology and Therapy</i> , 2017, 6, 105-114.	2.3	3
116	The relationship between a dissociated optic nerve fibre layer appearance after macular hole surgery and <scp>M</scp>uller cell debris on peeled internal limiting membrane. <i>Acta Ophthalmologica</i> , 2017, 95, 153-157.	1.1	21
117	Does Internal Limiting Membrane Peeling Size Matter?. <i>Journal of Vitreoretinal Diseases</i> , 2017, 1, 27-33.	0.7	17
118	Advances in Vitreoretinal Interface Disorders. <i>Journal of Ophthalmology</i> , 2017, 2017, 1-2.	1.3	1
119	Identification of proteins associated with clinical and pathological features of proliferative diabetic retinopathy in vitreous and fibrovascular membranes. <i>PLoS ONE</i> , 2017, 12, e0187304.	2.5	46
120	Management of Posterior Capsular Rent: Various Case Scenarios. , 2017, , 119-130.		0
121	Optimal management of idiopathic macular holes. <i>Clinical Ophthalmology</i> , 2016, 10, 97.	1.8	49
122	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.	1.7	24
123	Outcomes of 27 Gauge Microincision Vitrectomy Surgery for Posterior Segment Disease. <i>American Journal of Ophthalmology</i> , 2016, 164, 147-148.	3.3	70
124	Rhegmatogenous retinal detachment following intravitreal ocriplasmin. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2016, 254, 2333-2338.	1.9	8
125	Assessing Patients with Asymptomatic Retinal Emboli Detected at Retinal Screening. <i>Ophthalmology and Therapy</i> , 2016, 5, 175-182.	2.3	5
126	Ocriplasmin â€” variable efficacy?. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2016, 254, 1245-1246.	1.9	4



#	ARTICLE	IF	CITATIONS
127	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.	1.9	15
128	Epimacular Brachytherapy for Previously Treated Neovascular Age-Related Macular Degeneration (MERLOT). Ophthalmology, 2016, 123, 1287-1296.	5.2	12
129	Predicting macular hole closure with ocriplasmin based on spectral domain optical coherence tomography. Eye, 2016, 30, 740-745.	2.1	24
130	The design and validation of an optical coherence tomography-based classification system for focal vitreomacular traction. Eye, 2016, 30, 314-325.	2.1	22
131	The Royal College of Ophthalmologistsâ€™ National Ophthalmology Database Study of Vitreoretinal Surgery. JAMA Ophthalmology, 2016, 134, 79.	2.5	43
132	An evaluation of two heavier-than-water internal limiting membrane-specific dyes during macular hole surgery. Graefe's Archive for Clinical and Experimental Ophthalmology, 2016, 254, 1289-1295.	1.9	11
133	IGF-1 Signaling Plays an Important Role in the Formation of Three-Dimensional Laminated Neural Retina and Other Ocular Structures From Human Embryonic Stem Cells. Stem Cells, 2015, 33, 2416-2430.	3.2	124
134	Anti-vascular endothelial growth factor for prevention of postoperative vitreous cavity haemorrhage after vitrectomy for proliferative diabetic retinopathy. The Cochrane Library, 2015, 2015, CD008214.	2.8	65
135	The Plane of Vitreoretinal Separation and Results of Vitrectomy Surgery in Patients Given Ocriplasmin for Idiopathic Macular Hole. , 2015, 56, 4038.		20
136	Photoreceptor Outer Segment on Internal Limiting Membrane after Macular Hole Surgery: Implications for Pathogenesis. Case Reports in Ophthalmology, 2015, 6, 339-344.	0.7	6
137	ILM peeling technique influences the degree of a dissociated optic nerve fibre layer appearance after macular hole surgery. Graefe's Archive for Clinical and Experimental Ophthalmology, 2015, 253, 691-698.	1.9	40
138	New vessels detected on wide-field imaging compared to two-field and seven-field imaging: implications for diabetic retinopathy screening image analysis. British Journal of Ophthalmology, 2015, 99, 1606-1609.	3.9	47
139	The Case Mix of Patients Presenting with Full-Thickness Macular Holes and Progression before Surgery: Implications for Optimum Management. Ophthalmologica, 2015, 233, 216-221.	1.9	11
140	Wide-field imaging and OCT vs clinical evaluation of patients referred from diabetic retinopathy screening. Eye, 2015, 29, 416-423.	2.1	37
141	23-Gauge versus 25-Gauge Vitrectomy for Proliferative Diabetic Retinopathy: A Comparison of Surgical Outcomes. Ophthalmologica, 2015, 233, 104-111.	1.9	12
142	Cataract surgery after diabetic vitrectomy. Acta Ophthalmologica, 2015, 93, e168-e168.	1.1	3
143	Generation of Human Induced Pluripotent Stem Cells Using RNA-Based Sendai Virus System and Pluripotency Validation of the Resulting Cell Population. Methods in Molecular Biology, 2015, 1353, 285-307.	0.9	13
144	Progressive retinal detachment secondary to&nbsp;juxtapapillary microholes in association with&nbsp;type&nbsp;3&nbsp;posterior staphylomas. Clinical Ophthalmology, 2014, 8, 1089.	1.8	4

#	ARTICLE	IF	CITATIONS
145	Rate of Diabetic Vitrectomy in a Defined Geographical Part of North East England. Ophthalmic Epidemiology, 2014, 21, 178-183.	1.7	11
146	The Staining Pattern of Brilliant Blue G During Macular Hole Surgery: A Clinicopathologic Study. , 2014, 55, 5924.		17
147	Lab generated retina: Realizing the dream. Visual Neuroscience, 2014, 31, 317-332.	1.0	12
148	The association between retinal vascular geometry changes and diabetic retinopathy and their role in prediction of progression â€“ an exploratory study. BMC Ophthalmology, 2014, 14, 89.	1.4	29
149	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.	1.9	20
150	Effect of anterior capsulorhexis optic capture of a sulcus-fixated intraocular lens on refractive outcomes. Journal of Cataract and Refractive Surgery, 2013, 39, 841-844.	1.5	24
151	Small-gauge transconjunctival vitrectomy with phacoemulsification in the pupillary plane of dense retained lens matter on perfluorocarbon liquids after complicated cataract surgery. Graefe's Archive for Clinical and Experimental Ophthalmology, 2013, 251, 1757-1762.	1.9	11
152	Reply. Journal of Cataract and Refractive Surgery, 2013, 39, 1624-1625.	1.5	0
153	Lensâ€“iris diaphragm retropulsion syndrome during phacoemulsification in vitrectomized eyes. Journal of Cataract and Refractive Surgery, 2013, 39, 1852-1858.	1.5	16
154	Bevacizumab as an adjunct to vitreoretinal surgery for diabetic retinopathy in East Africa. Eye, 2013, 27, 1263-1268.	2.1	13
155	Idiopathic vitreomacular traction and macular hole: a comprehensive review of pathophysiology, diagnosis, and treatment. Eye, 2013, 27, S1-S21.	2.1	185
156	INTRAVITREAL TISSUE PLASMINOGEN ACTIVATOR, PERFLUOROPROPANE (C3F8), AND RANIBIZUMAB OR PHOTODYNAMIC THERAPY FOR SUBMACULAR HEMORRHAGE SECONDARY TO WET AGE-RELATED MACULAR DEGENERATION. Retina, 2013, 33, 846-853.	1.7	22
157	Deep Anterior Lamellar Corneal Dissection To Improve Visualization During Vitreoretinal Surgery. Retina, 2012, 32, 2167-2170.	1.7	2
158	Final incision size after implantation of a hydrophobic acrylic aspheric intraocular lens: New motorized injector versus standard manual injector. Journal of Cataract and Refractive Surgery, 2012, 38, 249-255.	1.5	26
159	Proliferative retinopathy in Cowden syndrome. BMJ Case Reports, 2012, 2012, bcr1120115273-bcr1120115273.	0.5	7
160	Efficient Stage-Specific Differentiation of Human Pluripotent Stem Cells Toward Retinal Photoreceptor Cells. Stem Cells, 2012, 30, 673-686.	3.2	159
161	An automated retinal image quality grading algorithm. , 2011, 2011, 5955-8.		22
162	Comparison of retinal breaks observed during 23 gauge transconjunctival vitrectomy versus conventional 20 gauge surgery for proliferative diabetic retinopathy. Clinical Ophthalmology, 2011, 5, 109.	1.8	42

#	ARTICLE	IF	CITATIONS
163	Endoscopic Cyclophotocoagulation in Osteo-Odonto-Keratoprosthesis (OOKP) Eyes. Journal of Glaucoma, 2011, 20, 68-69.	1.6	10
164	Automated diagnosis of referable maculopathy in diabetic retinopathy screening. , 2011, 2011, 3375-8.		21
165	Vitrectomy Fluidics. Ophthalmologica, 2011, 226, 27-35.	1.9	58
166	The Surgical Management of Vasoproliferative Tumours. Ophthalmologica, 2011, 226, 42-45.	1.9	14
167	Transvitrectomy injection of low-viscosity substances. Eye, 2011, 25, 954-955.	2.1	3
168	Submacular haemorrhages associated with neovascular age-related macular degeneration. British Journal of Ophthalmology, 2011, 95, 1051-1057.	3.9	44
169	Automated analysis of retinal vascular network connectivity. Computerized Medical Imaging and Graphics, 2010, 34, 462-470.	5.8	22
170	Visual outcome after open globe injury: a comparison of two prognostic models—the Ocular Trauma Score and the Classification and Regression Tree. Eye, 2010, 24, 84-89.	2.1	114
171	Comment on macular full-thickness and lamellar holes in association with type 2 idiopathic macular telangiectasia. Eye, 2010, 24, 1119-1119.	2.1	3
172	Entry site treatment to prevent late recurrent postoperative vitreous cavity haemorrhage after vitrectomy for proliferative diabetic retinopathy. British Journal of Ophthalmology, 2010, 94, 1219-1225.	3.9	16
173	Manual measurement of retinal bifurcation features. , 2010, 2010, 4760-4.		13
174	Retinal detachment. Clinical Evidence, 2010, 2010, .	0.2	5
175	An Active Contour Model for Segmenting and Measuring Retinal Vessels. IEEE Transactions on Medical Imaging, 2009, 28, 1488-1497.	8.9	366
176	Genetic Basis of Inherited Macular Dystrophies and Implications for Stem Cell Therapy. Stem Cells, 2009, 27, 2833-2845.	3.2	11
177	Optical biometry in combined phacovitrectomy. Journal of Cataract and Refractive Surgery, 2009, 35, 64-69.	1.5	47
178	Pupillary capture of the haptic of an anterior chamber intraocular lens after blunt trauma. Canadian Journal of Ophthalmology, 2009, 44, e27-e28.	0.7	1
179	A Robust Lesion Boundary Segmentation Algorithm using Level Set Methods. IFMBE Proceedings, 2009, , 304-307.	0.3	2
180	Assessment of stereoscopic optic disc images using an autostereoscopic screen – experimental study. BMC Ophthalmology, 2008, 8, 13.	1.4	2

#	ARTICLE	IF	CITATIONS
181	Refractive change following pseudophakic vitrectomy. BMC Ophthalmology, 2008, 8, 19.	1.4	33
182	Use of intravitreal bevacizumab in a patient with a Von Hippel-Lindau-associated retinal haemangioblastoma of the optic nerve head: a case report. Journal of Medical Case Reports, 2008, 2, 182.	0.8	7
183	REVIEW - A reference data set for retinal vessel profiles. , 2008, 2008, 2262-5.		73
184	Efficacy of intracameral and subconjunctival cefuroxime in preventing endophthalmitis after cataract surgery. Journal of Cataract and Refractive Surgery, 2008, 34, 447-451.	1.5	77
185	Laboratory diagnosis of endophthalmitis: Comparison of microbiology and molecular methods in the European Society of Cataract & Refractive Surgeons multicenter study and susceptibility testing. Journal of Cataract and Refractive Surgery, 2008, 34, 1439-1450.	1.5	72
186	Combined phacoemulsification and transpupillary removal of heavy silicone oil. Journal of Cataract and Refractive Surgery, 2008, 34, 1640-1643.	1.5	4
187	Refractive outcome of phacovitrectomy. Journal of Cataract and Refractive Surgery, 2008, 34, 2009-2010.	1.5	1
188	Entry Site Neovascularization and Vitreous Cavity Hemorrhage after Diabetic Vitrectomy. Ophthalmology, 2008, 115, 525-532.	5.2	30
189	Joining retinal vessel segments. , 2008, , .		7
190	Vitrectomy With Membrane Peeling for Vasocentric Idiopathic Epiretinal Membranes. Retina, 2008, 28, 981-986.	1.7	7
191	Phacovitrectomy: Expanding indications. Journal of Cataract and Refractive Surgery, 2007, 33, 933-936.	1.5	33
192	Prophylaxis of postoperative endophthalmitis following cataract surgery: Results of the ESCRS multicenter study and identification of risk factors. Journal of Cataract and Refractive Surgery, 2007, 33, 978-988.	1.5	745
193	Postoperative endophthalmitis caused by Sphingomonas paucimobilis. Journal of Cataract and Refractive Surgery, 2006, 32, 1238-1240.	1.5	20
194	Preventing Recurrent Vitreous Hemorrhage. Ophthalmology, 2006, 113, 2373-2374.	5.2	1
195	Refractile superficial retinal crystals and chronic retinal detachment: Case report. BMC Ophthalmology, 2006, 6, 3.	1.4	10
196	Managing 'suspicious glaucomatous discs' identified during digital-photography-based diabetic retinopathy screening. Ophthalmic and Physiological Optics, 2006, 26, 19-25.	2.0	9
197	Central scotoma associated with intraocular silicone oil tamponade develops before oil removal. Graefe's Archive for Clinical and Experimental Ophthalmology, 2006, 244, 248-252.	1.9	62
198	Double masked randomised controlled trial to assess the effectiveness of paracetamol in reducing pain in panretinal photocoagulation. British Journal of Ophthalmology, 2006, 90, 713-717.	3.9	31

#	ARTICLE	IF	CITATIONS
199	Correspondence. Retina, 2005, 25, 808-809.	1.7	15
200	The combination of intravitreal triamcinolone and phacoemulsification surgery in patients with diabeticfoveal oedema and cataract. BMC Ophthalmology, 2005, 5, 15.	1.4	35
201	Echographic features of a case of malignant intraocular medulloepithelioma. British Journal of Ophthalmology, 2005, 89, 120-121.	3.9	6
202	Comparative study of first-day postoperative cataract review methods. Journal of Cataract and Refractive Surgery, 2005, 31, 2243.	1.5	0
203	Optic Nerve Head Segmentation. IEEE Transactions on Medical Imaging, 2004, 23, 256-264.	8.9	305
204	Measurement of Retinal Vessel Widths From Fundus Images Based on 2-D Modeling. IEEE Transactions on Medical Imaging, 2004, 23, 1196-1204.	8.9	186
205	Comparative study of first-day postoperative cataract review methods. Journal of Cataract and Refractive Surgery, 2004, 30, 1966-1971.	1.5	22
206	An unusual case of severe penetrating ocular injury with the shank of a triplet fish hook. Eye, 2003, 17, 663-664.	2.1	8
207	THE RESULTS OF SURGERY ON MACULAR HOLES ASSOCIATED WITH RHEGMATOGENOUS RETINAL DETACHMENT. Retina, 2002, 22, 429-434.	1.7	25
208	A RANDOMIZED CONTROLLED STUDY OF THE USE OF TRANSSCLERAL DIODE LASER AND CRYOTHERAPY IN THE MANAGEMENT OF RHEGMATOGENOUS RETINAL DETACHMENT. Retina, 2000, 20, 346-357.	1.7	11
209	The incidence of systemic side-effects following subconjunctival Mydracaine No. 1 injection. Eye, 1999, 13, 720-722.	2.1	14
210	Patterns of III nerve synkinesis. Strabismus, 1998, 6, 181-190.	0.7	7
211	Measurement of the retinal nerve fibre layer with scanning laser polarimetry in patients with previous demyelinating optic neuritis. Journal of Neurology, Neurosurgery and Psychiatry, 1998, 64, 505-509.	1.9	58
212	ACUTE RETINAL TOXICITY CAUSED BY THE BIMETALLIC ELECTROCHEMICAL ACTION OF A GALVANIZED STEEL INTRAOCULAR FOREIGN BODY. Retina, 1998, 18, 77-78.	1.7	2
213	Silicone assisted, argon laser confinement of recurrent proliferative vitreoretinopathy related retinal detachment: a technique to allow silicone oil removal in problem eyes. British Journal of Ophthalmology, 1997, 81, 765-770.	3.9	16
214	Botulinum toxin for the temporary treatment of involutional lower lid entropion: A clinical and morphological study. Eye, 1997, 11, 472-475.	2.1	53
215	Unilateral Congenital Ptosis With Ipsilateral Superior Rectus Muscle Overaction. American Journal of Ophthalmology, 1996, 122, 550-556.	3.3	19
216	Unilateral choroidal melanoma with bilateral retinal vasculitis.. British Journal of Ophthalmology, 1996, 80, 850-851.	3.9	2

#	ARTICLE	IF	CITATIONS
217	The use of botulinum toxin for lower lid entropion. Orbit, 1995, 14, 131-136.	0.8	2
218	Bilateral sudden visual loss in Albright's syndrome. British Journal of Ophthalmology, 1995, 79, 1149-1149.	3.9	2
219	Unocular fields of fixation in thyroid eye disease. Eye, 1995, 9, 348-351.	2.1	21
220	ACUTE BILATERAL OPTIC DISC NEOVASCULARIZATION. Retina, 1994, 14, 362-369.	1.7	5
221	`Dead man's finger' keratoconjunctivitis. British Journal of Ophthalmology, 1993, 77, 63-63.	3.9	10
222	Anterior subcapsular plaque cataract in hyperornithinaemia gyrate atrophy--a case report.. British Journal of Ophthalmology, 1992, 76, 762-763.	3.9	5