

# Peter Walter

## List of Publications by Year in descending order

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195  
papers

4,403  
citations

136740

32  
h-index

168136

53  
g-index

246  
all docs

246  
docs citations

246  
times ranked

3837  
citing authors

#	ARTICLE	IF	CITATIONS
1	Beamline P02.1 at PETRA III for high-resolution and high-energy powder diffraction. Journal of Synchrotron Radiation, 2015, 22, 675-687.	1.0	195
2	Macular Translocation With 360° Retinotomy for Exudative Age-Related Macular Degeneration. JAMA Ophthalmology, 2002, 120, 451.	2.6	143
3	Implantation and Explantation of a Wireless Epiretinal Retina Implant Device: Observations during the EPIRET3 Prospective Clinical Trial. , 2009, 50, 3003.		143
4	SUCCESSFUL LONG-TERM IMPLANTATION OF ELECTRICALLY INACTIVE EPIRETINAL MICROELECTRODE ARRAYS IN RABBITS. Retina, 1999, 19, 546.	1.0	119
5	Transplantation of Autologous Iris Pigment Epithelium After Removal of Choroidal Neovascular Membranes. JAMA Ophthalmology, 2000, 118, 1350.	2.6	115
6	Fundus Near Infrared Fluorescence Correlates with Fundus Near Infrared Reflectance. , 2006, 47, 3098.		113
7	Rhegmatogenous Retinal Detachment. Deutsches A&#x0308;rztblatt International, 2014, 111, 12-21; quiz 22.	0.6	110
8	Retinal side-effects of sildenafil. Lancet, The, 1999, 353, 375.	6.3	102
9	Corneal bioprinting utilizing collagen-based bioinks and primary human keratocytes. Journal of Biomedical Materials Research - Part A, 2019, 107, 1945-1953.	2.1	98
10	Cortical Activation Via an Implanted Wireless Retinal Prosthesis. , 2005, 46, 1780.		93
11	Visual resolution with retinal implants estimated from recordings in cat visual cortex. Vision Research, 2006, 46, 2675-2690.	0.7	92
12	The in vitro and in vivo behaviour of retinal pigment epithelial cells cultured on ultrathin collagen membranes. Biomaterials, 2009, 30, 287-294.	5.7	92
13	Implantation of a Novel Telemetric Intraocular Pressure Sensor in Patients With Glaucoma (ARGOS) Tj ETQq1 1 0.784314 rgBT /Overlo	3.3	76
14	Evoked cortical potentials after electrical stimulation of the inner retina in rabbits. Graefe's Archive for Clinical and Experimental Ophthalmology, 2000, 238, 315-318.	1.0	74
15	A method and technical equipment for an acute human trial to evaluate retinal implant technology. Journal of Neural Engineering, 2005, 2, S129-S134.	1.8	69
16	Implantation and explantation of an active epiretinal visual prosthesis: 2-year follow-up data from the EPIRET3 prospective clinical trial. Eye, 2012, 26, 501-509.	1.1	68
17	Visual outcome of patients with macular edema after pars plana vitrectomy and indocyanine green-assisted peeling of the internal limiting membrane. Graefe's Archive for Clinical and Experimental Ophthalmology, 2004, 242, 273-278.	1.0	66
18	Development of a Completely Encapsulated Intraocular Pressure Sensor. Ophthalmic Research, 2000, 32, 278-284.	1.0	65

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19	Iris Pigment Epithelial Translocation in the Treatment of Exudative Macular Degeneration. JAMA Ophthalmology, 2006, 124, 183.	2.6	61
20	Acute electrical stimulation of the human retina with an epiretinal electrode array. Acta Ophthalmologica, 2012, 90, e1-8.	0.6	57
21	Novel organotypic culture model of adult mammalian neurosensory retina in co-culture with retinal pigment epithelium. Journal of Neuroscience Methods, 2008, 173, 47-58.	1.3	54
22	INFLUENCE OF MEMBRANE DIFFERENTIAL FILTRATION ON THE NATURAL COURSE OF AGE-RELATED MACULAR DEGENERATION. Retina, 2000, 20, 483.	1.0	54
23	Electrophysiological abnormalities in age-related macular degeneration. Graefe's Archive for Clinical and Experimental Ophthalmology, 1999, 237, 962-968.	1.0	52
24	Scleral buckling versus primary vitrectomy in rhegmatogenous retinal detachment study (SPR Study): predictive factors for functional outcome. Study report no. 6. Graefe's Archive for Clinical and Experimental Ophthalmology, 2011, 249, 1129-1136.	1.0	52
25	Early Hyperbaric Oxygen Treatment for Nonarteritic Central Retinal Artery Obstruction. American Journal of Ophthalmology, 2012, 153, 454-459.e2.	1.7	52
26	Electro-spun Membranes as Scaffolds for Human Corneal Endothelial Cells. Current Eye Research, 2018, 43, 1-11.	0.7	52
27	Initial investigations on systems for measuring intraocular pressure. Sensors and Actuators A: Physical, 2000, 85, 287-291.	2.0	51
28	Pharmacological Analysis of Intrinsic Neuronal Oscillations in rd10 Retina. PLoS ONE, 2014, 9, e99075.	1.1	50
29	Accuracy of intraocular lens power calculation using partial coherence interferometry in patients with high myopia. Ophthalmic and Physiological Optics, 2012, 32, 228-233.	1.0	45
30	Scleral buckling versus primary vitrectomy in rhegmatogenous retinal detachment study (SPR study): Risk assessment of anatomical outcome. SPR study report no. 7. Acta Ophthalmologica, 2013, 91, 282-287.	0.6	44
31	Vitrectomy with and without encircling band for pseudophakic retinal detachment: VIPER Study Report No 2â€”main results. British Journal of Ophthalmology, 2017, 101, 712-718.	2.1	41
32	Change in Hemorrhological and Biochemical Parameters following Membrane Differential Filtration. International Journal of Artificial Organs, 1995, 18, 794-798.	0.7	39
33	Long-term Follow-up of Macular Translocation With 360° Retinotomy for Exudative Age-Related Macular Degeneration. JAMA Ophthalmology, 2007, 125, 1367.	2.6	38
34	Effects of Bevacizumab (Avastin) on Retinal Cells in Organotypic Culture. , 2008, 49, 3164.		38
35	<i>Sleeping Beauty</i> Transposon-Mediated Transfection of Retinal and Iris Pigment Epithelial Cells. , 2012, 53, 4787.		37
36	Development of very large electrode arrays for epiretinal stimulation (VLARS). BioMedical Engineering OnLine, 2014, 13, 11.	1.3	36

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37	Retinectomy for treatment of intractable glaucoma: long term results. British Journal of Ophthalmology, 2003, 87, 1094-1102.	2.1	35
38	Intraocular epiretinal prosthesis to restore vision in blind humans. , 2008, 2008, 5790-3.		33
39	Correlations between ERG, OCT, and Anatomical Findings in the <i>rd10</i> Mouse. Journal of Ophthalmology, 2014, 2014, 1-10.	0.6	32
40	Retinal Pigment Epithelium Tears After Intravitreal Bevacizumab in Pigment Epithelium Detachment. American Journal of Ophthalmology, 2007, 144, 294-296.	1.7	30
41	Physical origins and suppression of Ag dissolution in GeS <sub>x</sub> -based ECM cells. Physical Chemistry Chemical Physics, 2014, 16, 18217.	1.3	30
42	Selective Photoreceptor Degeneration by Intravitreal Injection of N-Methyl-N-Nitrosourea. , 2014, 55, 1711.		29
43	Central corneal thickness determination in corneal edema using ultrasound pachymetry, a Scheimpflug camera, and anterior segment OCT. Graefe's Archive for Clinical and Experimental Ophthalmology, 2015, 253, 1105-1109.	1.0	28
44	Signal quality of biometry in silicone oil-filled eyes using partial coherence laser interferometry. Journal of Cataract and Refractive Surgery, 2005, 31, 1006-1010.	0.7	27
45	The cumulative normalised rim/disc area ratio curve. Graefe's Archive for Clinical and Experimental Ophthalmology, 1996, 234, 227-231.	1.0	26
46	Antibiotics and light responses in superfused bovine retina. Cellular and Molecular Neurobiology, 1999, 19, 87-92.	1.7	26
47	DOES SURGICAL EXPERIENCE HAVE AN EFFECT ON THE SUCCESS OF RETINAL DETACHMENT SURGERY?. Retina, 2012, 32, 32-37.	1.0	26
48	Mineralogy and geochemistry of sediments in the Southwestern Pacific Basin: Tahiti - East Pacific Rise - New Zealand. New Zealand Journal of Geology, and Geophysics, 1985, 28, 513-530.	1.0	25
49	Autologous platelet treatment for optic disc pit associated with persistent macular detachment. Graefe's Archive for Clinical and Experimental Ophthalmology, 1998, 236, 151-153.	1.0	25
50	Detection of contamination during organ culture of the human cornea. Graefe's Archive for Clinical and Experimental Ophthalmology, 2010, 248, 117-126.	1.0	25
51	Prognostic factors associated with the visual outcome after vitrectomy for endophthalmitis. Graefe's Archive for Clinical and Experimental Ophthalmology, 1996, 234, S51-S58.	1.0	24
52	Engineering of PEDF-Expressing Primary Pigment Epithelial Cells by the SB Transposon System Delivered by pFAR4 Plasmids. Molecular Therapy - Nucleic Acids, 2017, 6, 302-314.	2.3	24
53	One-Year Safety and Performance Assessment of the Argus II Retinal Prosthesis. JAMA Ophthalmology, 2019, 137, 896.	1.4	24
54	Flecked chorioretinopathy associated with Birt-Hogg-Dubiz syndrome. Graefe's Archive for Clinical and Experimental Ophthalmology, 1997, 235, 359-361.	1.0	23

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55	First results of a study on a completely implanted retinal prosthesis in blind humans. , 2008, , .		23
56	Cryopreservation of amniotic membrane with and without glycerol additive. Graefe's Archive for Clinical and Experimental Ophthalmology, 2018, 256, 1117-1126.	1.0	23
57	Vitrectomy with and without encircling band for pseudophakic retinal detachment with inferior breaks: VIPER Study Report No. 3. Graefe's Archive for Clinical and Experimental Ophthalmology, 2018, 256, 2069-2073.	1.0	23
58	The very large electrode array for retinal stimulation (VLARS)â€™A concept study. Journal of Neural Engineering, 2019, 16, 066031.	1.8	23
59	Correlations between specific patterns of spontaneous activity and stimulation efficiency in degenerated retina. PLoS ONE, 2017, 12, e0190048.	1.1	23
60	SUCCESSFUL LONG-TERM IMPLANTATION OF ELECTRICALLY INACTIVE EPIRETINAL MICROELECTRODE ARRAYS IN RABBITS. Retina, 1999, 19, 546-552.	1.0	21
61	High efficiency non-viral transfection of retinal and iris pigment epithelial cells with pigment epithelium-derived factor. Gene Therapy, 2010, 17, 181-189.	2.3	21
62	The Retina Implant New Approach to a Visual Prosthesis / Das Retina-Implant Ein neuer Ansatz f¼r eine Sehprothese. Biomedizinische Technik, 2004, 49, 99-103.	0.9	20
63	Antiangiogenic and Neurogenic Activities of Sleeping Beauty-Mediated PEDF-Transfected RPE CellsIn VitroandIn Vivo. BioMed Research International, 2015, 2015, 1-14.	0.9	20
64	Evaluation of early anatomical changes following canaloplasty with anterior segment spectralâ€™domain optical coherence tomography and ultrasound biomicroscopy. Acta Ophthalmologica, 2016, 94, e287-92.	0.6	20
65	Ocular aberrations in barn owl eyes. Vision Research, 2007, 47, 2934-2942.	0.7	19
66	Towards the bionic eye â€™ the retina implant: surgical, ophthalmological and histopathological perspectives. , 2007, 97, 487-493.		19
67	The cost-effectiveness of the Argus II retinal prosthesis in Retinitis Pigmentosa patients. BMC Ophthalmology, 2014, 14, 49.	0.6	18
68	ADVERSE EVENTS OF THE ARGUS II RETINAL PROSTHESIS. Retina, 2020, 40, 303-311.	1.0	18
69	Clinicopathologic correlation in hemorrhagic age-related macular degeneration. Graefe's Archive for Clinical and Experimental Ophthalmology, 2002, 240, 279-285.	1.0	17
70	Long-term follow-up after implantation of a telemetric intraocular pressure sensor in patients with glaucoma: a safety report. Clinical and Experimental Ophthalmology, 2018, 46, 473-479.	1.3	17
71	Plasminogen in proliferative vitreoretinal disorders. British Journal of Ophthalmology, 1997, 81, 590-594.	2.1	16
72	Electrophysiological changes after 360degrees retinotomy and macular translocation for subfoveal choroidal neovascularisation in age related macular degeneration. British Journal of Ophthalmology, 2001, 85, 928-932.	2.1	16

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73	Monitoring intraocular pressure changes after intravitreal anibizumab injection using rebound tonometry. <i>Ophthalmic and Physiological Optics</i> , 2014, 34, 438-444.	1.0	16
74	Improvement of visual acuity in patients suffering from diabetic retinopathy after membrane differential filtration: a pilot study. <i>Transfusion Science</i> , 1999, 21, 201-206.	0.6	15
75	Intermediate uveitis in childhood preceding the diagnosis of multiple sclerosis: a 13-year follow-up. <i>American Journal of Ophthalmology</i> , 2003, 135, 885-886.	1.7	15
76	Preservation of photoreceptors in dystrophic RCS rats following allo- and xenotransplantation of IPE cells. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2009, 247, 363-369.	1.0	15
77	Photoreceptor degeneration by intravitreal injection of N-methyl-N-nitrosourea (MNU) in rabbits: a pilot study. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 317-331.	1.0	15
78	Long-term Clinical Results of Vitrectomy and Scleral Buckling in Treatment of Rhegmatogenous Retinal Detachment. <i>Scientific World Journal, The</i> , 2019, 2019, 1-7.	0.8	15
79	Development of surgical techniques for implantation of a wireless intraocular epiretinal retina implant in Göttingen minipigs. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2012, 250, 51-59.	1.0	14
80	Toward a Bidirectional Communication Between Retinal Cells and a Prosthetic Device – A Proof of Concept. <i>Frontiers in Neuroscience</i> , 2019, 13, 367.	1.4	14
81	Postmortem conjunctival and nasopharyngeal swabs in SARS-CoV-2 infected and uninfected patients. <i>Acta Ophthalmologica</i> , 2020, 99, e615-e617.	0.6	14
82	Accuracy and reproducibility of axial length measurement in eyes with silicone oil endotamponade. <i>British Journal of Ophthalmology</i> , 2009, 93, 1492-1494.	2.1	13
83	Surgical feasibility and biocompatibility of wide-field dual-array suprachoroidal transretinal stimulation prosthesis in middle-sized animals. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2016, 254, 661-673.	1.0	13
84	Improvement of macular function by membrane differential filtration in diabetic retinopathy. <i>Journal of Clinical Apheresis</i> , 2001, 16, 23-28.	0.7	12
85	Transplantation of PEDF-transfected pigment epithelial cells inhibits corneal neovascularization in a rabbit model. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2015, 253, 1061-1069.	1.0	12
86	Vitrectomy with or without encircling band for pseudophakic retinal detachment: a multi-centre, three-arm, randomised clinical trial. VIPER Study Report No. 1 – design and enrolment. <i>British Journal of Ophthalmology</i> , 2016, 100, 405-410.	2.1	12
87	Role of the Endothelial Layer in the Deswelling Process of Organ-Cultured Human Corneas Before Transplantation. <i>Cornea</i> , 2016, 35, 1216-1221.	0.9	12
88	The effect of air, SF <sub>6</sub> and C3F <sub>8</sub> on immortalized human corneal endothelial cells. <i>Acta Ophthalmologica</i> , 2017, 95, e284-e290.	0.6	12
89	Angiographic findings following tack fixation of a wireless epiretinal retina implant device in blind RP patients. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2011, 249, 1281-1286.	1.0	11
90	Conjunctival and intraocular swabs for the microbiological assessment of donor corneas. <i>Acta Ophthalmologica</i> , 2016, 94, 70-75.	0.6	11

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91	The Antibiotic-free pFAR4 Vector Paired with the Sleeping Beauty Transposon System Mediates Efficient Transgene Delivery in Human Cells. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 11, 57-67.	2.3	11
92	Evaluation of Long-term Anatomic Changes Following Canaloplasty With Anterior Segment Spectral-domain Optical Coherence Tomography and Ultrasound Biomicroscopy. <i>Journal of Glaucoma</i> , 2018, 27, 87-93.	0.8	11
93	Evaluation of Retinal Function and Morphology of the Pink-Eyed Royal College of Surgeons (RCS) Rat: A Comparative Study of in Vivo and in Vitro Methods. <i>Current Eye Research</i> , 2017, 42, 273-281.	0.7	11
94	Electro-oculographic findings after 360° retinotomy and macular translocation for subfoveal choroidal neovascularisation in age-related macular degeneration. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2003, 241, 710-715.	1.0	10
95	Necrotizing Sarcoid Granulomatosis: Ocular Manifestation in 3 Children of African Origin. <i>JAMA Ophthalmology</i> , 2011, 129, 1370.	2.6	10
96	Management of Intraocular Hypertension During Hemodialysis by Intravenous Glucose Administration. <i>American Journal of Kidney Diseases</i> , 2014, 63, 500-502.	2.1	10
97	Assessment of Corneal Endothelium during Continued Organ Culture of Pre-Stripped Human Donor Tissue for DMEK Surgery. <i>Current Eye Research</i> , 2018, 43, 1439-1444.	0.7	10
98	Development of visual acuity under hyperbaric oxygen treatment (HBO) in non arteritic retinal branch artery occlusion. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2020, 258, 303-310.	1.0	10
99	Intraocular pressure sensor: where are we now? where will we go?. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2002, 240, 335-336.	1.0	9
100	Presence of Xenogenic Mouse RNA in RPE and IPE Cells Cultured on Mitotically Inhibited 3T3 Fibroblasts. , 2011, 52, 2817.		9
101	Tonometry in Corneal Edema after Cataract Surgery: Rebound versus Goldmann Applanation Tonometry. <i>Current Eye Research</i> , 2014, 39, 902-907.	0.7	9
102	Human Complement Factor H and Factor H-Like Protein 1 Are Expressed in Human Retinal Pigment Epithelial Cells. <i>Ophthalmic Research</i> , 2014, 51, 59-66.	1.0	9
103	Gebauer Original and Moria One Use Plus automated microkeratomes for ultrathin Descemet's stripping automated endothelial keratoplasty preparation. <i>Acta Ophthalmologica</i> , 2016, 94, e731-e737.	0.6	9
104	Ocular Hemodynamics in Acute Nonarteritic Anterior Ischemic Optic Neuropathy Compared With Normal Tension Glaucoma. <i>Journal of Glaucoma</i> , 2019, 28, 334-340.	0.8	9
105	Effects of Protein Tyrosine Kinase Inhibitor Genistein on Retinal Function in Superfused Vertebrate Retina. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2001, 17, 151-158.	0.6	8
106	Properties of Retinal Precursor Cells Grown on Vertically Aligned Multiwalled Carbon Nanotubes Generated for the Modification of Retinal Implant-Embedded Microelectrode Arrays. <i>Journal of Ophthalmology</i> , 2016, 2016, 1-13.	0.6	8
107	Automated, Noncontact Intraocular Pressure Home Monitoring after Implantation of a Novel Telemetric Intraocular Pressure Sensor in Patients with Glaucoma: A Feasibility Study. <i>BioMed Research International</i> , 2018, 2018, 1-5.	0.9	8
108	The triple flash electroretinogram and its significance in macular diseases. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1996, 234, 604-611.	1.0	7

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109	Unusual Visual Evoked Potentials in Patients with Age-Related Macular Degeneration. <i>Ophthalmologica</i> , 2000, 214, 312-319.	1.0	7
110	The Effect of Membrane Differential Filtration on the Colloid Osmotic Pressure in Patients with Age-Related Macular Degeneration: Significance to Visual Function?. <i>Therapeutic Apheresis and Dialysis</i> , 2003, 7, 263-268.	0.4	7
111	Influence of the prediction error of the first eye undergoing cataract surgery on the refractive outcome of the fellow eye. <i>Clinical Ophthalmology</i> , 2014, 8, 2177.	0.9	7
112	The effect of cataract surgery on blueâ€“yellow and standard-pattern visual-evoked potentials. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2014, 252, 1831-1837.	1.0	7
113	Blueâ€“yellow and standard pattern visual evoked potentials in phakic and pseudophakic glaucoma patients and controls. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2015, 253, 2255-2261.	1.0	7
114	The Role of Specifically Tailored Communication Training Among Factors Influencing Consent for Cornea Donation Requested Via Telephone. <i>Transplantation</i> , 2015, 99, 2223-2229.	0.5	7
115	Financial burden and quality of life of informal caregivers of patients with wet age-related macular degeneration. <i>Health Economics Review</i> , 2016, 6, 37.	0.8	7
116	A Fully Intraocular Approach for a Bi-Directional Retinal Prosthesis. , 2017, , 151-161.		7
117	Development and in vitro validation of flexible intraretinal probes. <i>Scientific Reports</i> , 2020, 10, 19836.	1.6	7
118	Intraocular lens power calculation for plus and minus lenses in high myopia using partial coherence interferometry. <i>International Ophthalmology</i> , 2021, 41, 1585-1592.	0.6	7
119	Human platelet lysate as a replacement for fetal bovine serum in human corneal stromal keratocyte and fibroblast culture. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 9647-9659.	1.6	7
120	Xenogeneic heart transplantation with 15-deoxyspergualin. Prolongation of graft survival. <i>Transplantation Proceedings</i> , 1987, 19, 3993-4.	0.3	7
121	Identification of fast spurts of pyridine nucleotide oxidation evoked by light stimulation in the isolated perfused vertebrate retina. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1994, 232, 318-323.	1.0	6
122	Effects of Etoposide (VP16) on Vertebrate Retinal Function. <i>Cutaneous and Ocular Toxicology</i> , 1999, 18, 23-32.	0.3	6
123	A case of siderosis bulbi without a radiologically detectable foreign body. <i>Canadian Journal of Ophthalmology</i> , 2013, 48, e9-e11.	0.4	6
124	The effects of iodoacetic acid on the mouse retina. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2015, 253, 25-35.	1.0	6
125	The role of corneal endothelial morphology in graft assessment and prediction of endothelial cell loss during organ culture of human donor corneas. <i>Acta Ophthalmologica</i> , 2017, 95, 205-210.	0.6	6
126	Intraocular silicone implant to treat chronic ocular hypotony: an in vivo trial. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 1947-1955.	1.0	6



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127	Hypotony and the Argus II retinal prosthesis: causes, prevention and management. British Journal of Ophthalmology, 2020, 104, 518-523.	2.1	6
128	New epiretinal implant with integrated sensor chips for optical capturing shows a good biocompatibility profile in vitro and in vivo. BioMedical Engineering OnLine, 2021, 20, 102.	1.3	6
129	Amplitude calculation in multifocal ERG: comparison of repeatability in 30ÂHz flicker and first order kernel stimulation. Graefe's Archive for Clinical and Experimental Ophthalmology, 2007, 245, 338-344.	1.0	5
130	Endogenic Regulation of Proliferation and Zinc Transporters by Pigment Epithelial Cells Nonvirally Transfected with PEDF. , 2011, 52, 5400.		5
131	Surgical Results and Microscopic Analysis of the Tissue Reaction following Implantation and Explantation of an Intraocular Implant for Epiretinal Stimulation in Minipigs. Ophthalmic Research, 2011, 46, 192-198.	1.0	5
132	Goldmann Applanation Tonometry Versus Dynamic Contour Tonometry After Vitrectomy. Journal of Glaucoma, 2016, 25, 663-668.	0.8	5
133	Supplementation of organ culture medium with dextran is not required in pre-stripped human donor tissue for DMEK surgery. Cell and Tissue Banking, 2019, 20, 193-200.	0.5	5
134	Outcomes of 360Â° suture trabeculotomy after unsuccessful canaloplasty. Graefe's Archive for Clinical and Experimental Ophthalmology, 2020, 258, 387-393.	1.0	5
135	Blockade of Retinal Oscillations by Benzodiazepines Improves Efficiency of Electrical Stimulation in the Mouse Model of RP, <i>rd10</i>. , 2020, 61, 37.		5
136	Episodic acute hypotonia after Nd:YAG laser capsulotomyâ€™ retinal function and choroidal swelling. Vision Research, 1997, 37, 2937-2942.	0.7	4
137	Failure of sorivudine therapy in progressive outer retinal necrosis caused by varicella zoster virus. Australian and New Zealand Journal of Ophthalmology, 1998, 26, 327-328.	0.4	4
138	Unilateral pigmentary degeneration of the retina associated with heterochromia iridis. Graefe's Archive for Clinical and Experimental Ophthalmology, 1998, 236, 940-944.	1.0	4
139	BIOCOMPATIBILITY TESTS ON THE INTRAOCULAR VISION AID IOVA. Biomedizinische Technik, 2002, 47, 176-178.	0.9	4
140	Clinicopathological correlation of choroidal neovascularization after external beam radiotherapy in age-related macular degeneration. , 2003, 241, 269-276.		4
141	Improving the quality of multifocal visual evoked potential results by calculating multiple virtual channels. Japanese Journal of Ophthalmology, 2011, 55, 396-400.	0.9	4
142	A compact and low-weight sputtering unit for in situ investigations of thin film growth at synchrotron radiation beamlines. Review of Scientific Instruments, 2015, 86, 053906.	0.6	4
143	Intraocular silicone implant to treat chronic ocular hypotonyâ€™ preliminary feasibility data. Graefe's Archive for Clinical and Experimental Ophthalmology, 2016, 254, 2131-2139.	1.0	4
144	Goldmann Applanation Tonometry versus Dynamic Contour Tonometry after Vitrectomy with Silicone Oil Endotamponade. Current Eye Research, 2017, 42, 1007-1012.	0.7	4

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145	A multielectrode array-based hypoxia model for the analysis of electrical activity in murine retinae. <i>Journal of Neuroscience Research</i> , 2021, 99, 2172-2187.	1.3	4
146	Temporary vitreous gas tamponade by perfluoromethylcyclopentane. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1998, 236, 709-712.	1.0	3
147	Surgical management of subfoveal choroidal neovascular membranes in age-related macular degeneration by macular relocation: experiences of an early-stopped randomised clinical trial (MARAN) <i>TJ ETQq1 1 0.784314 agBT /Ov</i>	0.7	3
148	Surface-modified silicone foils for intraocular implantation. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2012, 250, 823-827.	1.0	3
149	Clinical Observations and Occurrence of Complications following Heavy Silicone Oil Surgery. <i>BioMed Research International</i> , 2014, 2014, 1-5.	0.9	3
150	Comparison of Gebauer SLC and Moria CBM Carriazo-Barraquer ALK Microkeratomes for Descemet's Stripping Automated Endothelial Keratoplasty Preparation. <i>Current Eye Research</i> , 2015, 41, 1-7.	0.7	3
151	Implementation of a Charge-Controlled Stimulation Method in a Monolithic Integrated CMOS-Chip for Excitation of Retinal Neuron Cells. , 2017, , .		3
152	Ocular side effects of levitra (vardeafil) &ndash; results of a double-blind crossover study in healthy male subjects. <i>Drug Design, Development and Therapy</i> , 2018, Volume 13, 37-43.	2.0	3
153	In situ X-ray measurements over large Q-space to study the evolution of oxide thin films prepared by RF sputter deposition. <i>Journal of Materials Science</i> , 2021, 56, 290-304.	1.7	3
154	Effects of uncomplicated Descemet membrane endothelial keratoplasty on the central retinal thickness. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2021, 259, 2731-2741.	1.0	3
155	Does hemispheric vascular regulation differ significantly in glaucoma patients with altitudinal visual field asymmetry? A single-center, prospective study. <i>International Ophthalmology</i> , 2021, 41, 3109-3119.	0.6	3
156	Partial Coherence Laser Interferometry in Highly Myopic versus Emmetropic Eyes. <i>Journal of Ophthalmic and Vision Research</i> , 2014, 9, 169-73.	0.7	3
157	Establishment and Characterization of a Unilateral UV-Induced Photoreceptor Degeneration Model in the C57Bl/6J Mouse. <i>Translational Vision Science and Technology</i> , 2020, 9, 21.	1.1	3
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