Ian J Constable

List of Publications by Year in descending order

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139 papers	7,490 citations	76031 42 h-index	66518 82 g-index
141 all docs	141 docs citations	141 times ranked	8686 citing authors

#	Article	IF	Citations
1	Sibling concordance in symptom onset and atrophy growth rates in Stargardt disease using ultra-widefield fundus autofluorescence. Retina, 2022, Publish Ahead of Print, .	1.0	2
2	ACUTE RETINAL NECROSIS ASSOCIATED WITH HERPES ZOSTER VACCINATION. Retinal Cases and Brief Reports, 2021, 15, 166-168.	0.3	6
3	Progressive sector retinitis pigmentosa due to c.440G>T mutation in SAG in an Australian family. Ophthalmic Genetics, 2021, 42, 62-70.	0.5	2
4	A novel phenotype in a family with autosomal dominant retinal dystrophy due to c.1430Aâ€‰>â€‰G in retinoid isomerohydrolase (RPE65) and c.37Câ€‰>â€‰T in bestrophin 1 (BEST1). Documenta Ophthalmologica, 2021, 143, 61-73.	1.3	2
5	CLASSIFYING ABCA4 MUTATION SEVERITY USING AGE-DEPENDENT ULTRA-WIDEFIELD FUNDUS AUTOFLUORESCENCE-DERIVED TOTAL LESION SIZE. Retina, 2021, 41, 2578-2588.	1.0	10
6	Association of Smoking, Alcohol Consumption, Blood Pressure, Body Mass Index, and Glycemic Risk Factors With Age-Related Macular Degeneration. JAMA Ophthalmology, 2021, 139, 1299.	1.4	29
7	Genotype-Specific Lesion Growth Rates in Stargardt Disease. Genes, 2021, 12, 1981.	1.0	5
8	Phenotypeâ€“genotype correlations in a pseudodominant Stargardt disease pedigree due to a novel ABCA4 deletionâ€“insertion variant causing a splicing defect. Molecular Genetics & Genomic Medicine, 2020, 8, e1259.	0.6	12
9	Edge of Scotoma Sensitivity as a Microperimetry Clinical Trial End Point in USH2A Retinopathy. Translational Vision Science and Technology, 2020, 9, 9.	1.1	5
10	Retinal pigment epithelium and ageâ€related macular degeneration: A review of major disease mechanisms. Clinical and Experimental Ophthalmology, 2020, 48, 1043-1056.	1.3	75
11	Three-Year Follow-Up of Phase 1 and 2a rAAV.sFLT-1 Subretinal Gene Therapy Trials for Exudative Age-Related Macular Degeneration. American Journal of Ophthalmology, 2019, 204, 113-123.	1.7	48
12	Progression characteristics of ellipsoid zone loss in macular telangiectasia type 2. Acta Ophthalmologica, 2019, 97, e998-e1005.	0.6	22
13	Effect of Ciliary Neurotrophic Factor on Retinal Neurodegeneration in Patients with Macular Telangiectasia Type 2. Ophthalmology, 2019, 126, 540-549.	2.5	110
14	Intrasession Repeatability and Interocular Symmetry of Foveal Avascular Zone and Retinal Vessel Density in OCT Angiography. Translational Vision Science and Technology, 2018, 7, 6.	1.1	36
15	Gene Therapy in Neovascular Age-related Macular Degeneration: Three-Year Follow-up of a Phase 1 Randomized Dose Escalation Trial. American Journal of Ophthalmology, 2017, 177, 150-158.	1.7	57
16	Intersession Testâ€“Retest Variability of Microperimetry in Type 2 Macular Telangiectasia. Translational Vision Science and Technology, 2017, 6, 7.	1.1	13
17	Phase 2a Randomized Clinical Trial: Safety and Post Hoc Analysis of Subretinal rAAV.sFLT-1 for Wet Age-related Macular Degeneration. EBioMedicine, 2016, 14, 168-175.	2.7	124
18	Assessment of polygenic effects links primary open-angle glaucoma and age-related macular degeneration. Scientific Reports, 2016, 6, 26885.	1.6	21

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19	A large genome-wide association study of age-related macular degeneration highlights contributions of rare and common variants. Nature Genetics, 2016, 48, 134-143.	9.4	1,167
20	Gene therapy with recombinant adeno-associated vectors for neovascular age-related macular degeneration: 1 year follow-up of a phase 1 randomised clinical trial. Lancet, The, 2015, 386, 2395-2403.	6.3	154
21	Neovascular Age-Related Macular Degeneration: Secretion Gene Therapy. Essentials in Ophthalmology, 2015, , 65-76.	0.0	0
22	Proliferative Vitreoretinopathy. , 2013, , 1806-1825.		5
23	Video Imaging Technology: A Novel Method for Diabetic Retinopathy Screening. , 2012, , 37-41.		0
24	Factors Promoting Success and Influencing Complications in Laser-Induced Central Vein Bypass. Ophthalmology, 2012, 119, 2579-2586.	2.5	14
25	Retinal Video Recording. Ophthalmology, 2011, 118, 1588-1593.	2.5	13
26	Comparison of visual acuity outcomes between ranibizumab and bevacizumab treatment in neovascular age-related macular degeneration. International Journal of Ophthalmology, 2011, 4, 85-8.	0.5	9
27	In Vivo Imaging of Ocular MCMV Infection. , 2010, 51, 369.		7
28	The Central Retinal Vein Bypass Study: A Trial of Laser-induced Chorioretinal Venous Anastomosis for Central Retinal Vein Occlusion. Ophthalmology, 2010, 117, 954-965.	2.5	58
29	Photoreceptor Outer Segment Glaucoma in Rhegmatogenous Retinal Detachment. JAMA Ophthalmology, 2009, 127, 1053.	2.6	6
30	Complement Factor H Y402H and C-Reactive Protein Polymorphism and Photodynamic Therapy Response in Age-Related Macular Degeneration. Ophthalmology, 2009, 116, 1908-1912.e1.	2.5	53
31	Tele-Diabetic Retinopathy Screening and Image-Based Clinical Decision Support. , 2009, , .		0
32	Glaucoma screening: analysis of conventional and telemedicine-friendly devices. Clinical and Experimental Ophthalmology, 2007, 35, 237-243.	1.3	43
33	Orbital implants: potential new directions. Expert Review of Medical Devices, 2006, 3, 805-815.	1.4	16
34	Presumed Choroidal Langerhans Cell Histiocytosis Following a Previously Resected Solitary Central Nervous System Lesion in an Adult. JAMA Ophthalmology, 2006, 124, 1193.	2.6	8
35	Retinal image analysis: Concepts, applications and potential. Progress in Retinal and Eye Research, 2006, 25, 99-127.	7.3	536
36	Fluorescein angiography and adverse drug reactions revisited: the Lions Eye experience. Clinical and Experimental Ophthalmology, 2006, 34, 33-38.	1.3	153

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37	Telemedicine-friendly, portable tonometers: an evaluation for intraocular pressure screening. Clinical and Experimental Ophthalmology, 2006, 34, 666-670.	1.3	20
38	Remote ophthalmology services: cost comparison of telemedicine and alternative service delivery options. Journal of Telemedicine and Telecare, 2006, 12, 19-22.	1.4	44
39	Asymmetry of Retinal Arteriolar Branch Widths at Junctions Affects Ability of Formulae to Predict Trunk Arteriolar Widths. , 2006, 47, 1329.		38
40	Diabetic screening in Western Australia: A photographerâ€™s perspective. Journal of Visual Communication in Medicine, 2006, 29, 66-75.	0.4	11
41	A Risk Score as Part of an Evidence-Based Approach to the Selection of Corneal Replacement Surgery. Cornea, 2005, 24, 523-530.	0.9	14
42	Sifting the available evidence on ageâ€related macular degeneration. Australasian journal of optometry, The, 2005, 88, 267-268.	0.6	1
43	Ageâ€related macular degeneration and its possible prevention. Medical Journal of Australia, 2005, 182, 310-311.	0.8	0
44	Emerging biological therapies for age-related macula degeneration. Expert Opinion on Biological Therapy, 2005, 5, 1373-1385.	1.4	5
45	Long-term Evaluation of AAV-Mediated sFlt-1 Gene Therapy for Ocular Neovascularization in Mice and Monkeys. Molecular Therapy, 2005, 12, 659-668.	3.7	120
46	Management and Outcomes of Postoperative Endophthalmitis since the Endophthalmitis Vitrectomy Study. Ophthalmology, 2005, 112, 1199-1206.e2.	2.5	128
47	Ageâ€related macular degeneration and its possible prevention. Medical Journal of Australia, 2004, 181, 471-472.	0.8	10
48	Should telemedicine in eye care be funded in Australia?. Medical Journal of Australia, 2004, 181, 583-583.	0.8	4
49	Deposits in artificial corneas: risk factors and prevention. Clinical and Experimental Ophthalmology, 2004, 32, 185-191.	1.3	31
50	Retinal Microvascular Patency in the Diabetic Rat. International Ophthalmology, 2004, 25, 187-192.	0.6	5
51	Predilection of the Macular Region to High Incidence of Choroidal NeovascularizationAfter Intense Laser Photocoagulation in the Monkey. JAMA Ophthalmology, 2004, 122, 353.	2.6	32
52	Laboratory Research. Quantitative model demonstrating that recombinant adeno-associated virus and green fluorescent protein are non-toxic to the rat retina. Clinical and Experimental Ophthalmology, 2003, 31, 439-444.	1.3	11
53	Clinical Case Notes. Thioridazine retinopathy. Clinical and Experimental Ophthalmology, 2003, 31, 533-534.	1.3	4
54	Practical considerations of recombinant adeno-associated virus-mediated gene transfer for treatment of retinal degenerations. Journal of Gene Medicine, 2003, 5, 576-587.	1.4	18

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55	AlphaCor??? Cases. Cornea, 2003, 22, 583-590.	0.9	48
56	Differentiation of Marrow Stromal Cells into Photoreceptors in the Rat Eye. Journal of Neuroscience, 2003, 23, 7742-7749.	1.7	205
57	Assessment of rAAV-Mediated Gene Therapy in the Rpe65-/- Mouse. Advances in Experimental Medicine and Biology, 2003, 533, 431-438.	0.8	8
58	Virus-Mediated Secretion Gene Therapy â€" A Potential Treatment for Ocular Neovascularization. Advances in Experimental Medicine and Biology, 2003, 533, 447-453.	0.8	4
59	Tele-ophthalmology in India. Is it here to stay?. Indian Journal of Ophthalmology, 2003, 51, 295-6.	0.5	6
60	Progressive Age-Related Changes Similar to Age-Related Macular Degeneration in a Transgenic Mouse Model. American Journal of Pathology, 2002, 161, 1515-1524.	1.9	163
61	Telemedicine Screening for Diabetic Retinopathy. Disease Management and Health Outcomes, 2002, 10, 673-678.	0.3	4
62	The Chirila Keratoprosthesis: phase I human clinical trial. Ophthalmology, 2002, 109, 883-889.	2.5	95
63	The use of synthetic polymers for delivery of therapeutic antisense oligodeoxynucleotides. Biomaterials, 2002, 23, 321-342.	5.7	129
64	Preclinical Evaluation of a Phosphorothioate Oligonucleotide in the Retina of Rhesus Monkey. Laboratory Investigation, 2002, 82, 167-182.	1.7	27
65	A model for a blinding eye disease of the aged. Biogerontology, 2002, 3, 61-66.	2.0	14
66	Working Toward a Portable Tele-Ophthalmic System for Use in Maximum-Security Prisons: A Pilot Study. Telemedicine Journal and E-Health, 2001, 7, 261-265.	1.6	18
67	Inhibition of Angiogenesis by Adenovirus-Mediated sFlt-1 Expression in a Rat Model of Corneal Neovascularization. Human Gene Therapy, 2001, 12, 1299-1310.	1.4	97
68	The Effects of Induced Acute Hyperglycemia in the Cat on the Retinal Capillary Blood Flow. Ophthalmic Research, 2000, 32, 143-150.	1.0	6
69	A novel immunoassay for the evaluation of rod outer segment digestion in cultured retinal pigment epithelial cells. Clinical and Experimental Ophthalmology, 2000, 28, 216-219.	1.3	2
70	Long-term real-time monitoring of adeno-associated virus-mediated gene expression in the rat retina. Clinical and Experimental Ophthalmology, 2000, 28, 382-386.	1.3	20
71	Controlled Production of Active Cathepsin D in Retinal Pigment Epithelial Cells Following Adenovirus-Mediated Gene Delivery. Molecular Therapy, 2000, 2, 476-484.	3.7	6
72	Calcification of poly(2-hydroxyethyl methacrylate) hydrogel sponges implanted in the rabbit cornea: A 3-month study. Journal of Biomaterials Science, Polymer Edition, 2000, 11, 599-615.	1.9	67

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73	Overexpression of Vascular Endothelial Growth Factor (VEGF) in the Retinal Pigment Epithelium Leads to the Development of Choroidal Neovascularization. American Journal of Pathology, 2000, 157, 135-144.	1.9	370
74	The Role of Vascular Endothelial Growth Factor (VEGF) in Abnormal Vascular Changes in the Adult Rat Eye. Growth Factors, 2000, 17, 301-312.	0.5	15
75	Telemedicine Screening of Diabetic Retinopathy Using a Hand-Held Fundus Camera. Telemedicine and E-Health, 2000, 6, 219-223.	1.3	46
76	Localization of IgG in the normal and dystrophic rat retina after laser lesions*. Australian and New Zealand Journal of Ophthalmology, 1999, 27, 117-125.	0.4	7
77	Conservative management of documented neuroretinitis in cat scratch disease associated with Bartonella henselae infection. Australian and New Zealand Journal of Ophthalmology, 1999, 27, 153-156.	0.4	19
78	Generation and characterization of a recombinant adenovirus expressing vascular endothelial growth factor for studies of neovascularization in the eye. Australian and New Zealand Journal of Ophthalmology, 1999, 27, 250-253.	0.4	7
79	Synthesis, physical characterization, and biological performance of sequential homointerpenetrating polymer network sponges based on poly(2-hydroxyethyl methacrylate). , 1999, 47, 404-411.		27
80	Development of gene therapy-based strategies for the treatment of eye diseases. Drug Development Research, 1999, 46, 277-285.	1.4	10
81	Evaluation of Adeno-Associated Virus-Mediated Gene Transfer into the Rat Retina by Clinical Fluorescence Photography. Human Gene Therapy, 1999, 10, 641-648.	1.4	57
82	Progression of myelinated retinal nerve fibers. American Journal of Ophthalmology, 1999, 127, 471-473.	1.7	23
83	Distribution of Cathepsin D in Human Eyes with or without Age-related Maculopathy. Experimental Eye Research, 1999, 69, 367-374.	1.2	38
84	Preferential adenovirus-mediated transduction of cells at the sites of laser photocoagulation in the rat eye. Current Eye Research, 1999, 19, 411-417.	0.7	9
85	Evaluation of a Portable Fundus Camera for Use in the Teleophthalmologic Diagnosis of Glaucoma. Journal of Glaucoma, 1999, 8, 297???301.	0.8	46
86	Artificial cornea. Progress in Polymer Science, 1998, 23, 447-473.	11.8	105
87	The use of hydrophilic polymers as artificial vitreous. Progress in Polymer Science, 1998, 23, 475-508.	11.8	76
88	Teleâ€ophthalmic screening using digital imaging devices. Australian and New Zealand Journal of Ophthalmology, 1998, 26, S9-11.	0.4	36
89	Pathogenesis of macular degeneration: Is there any progress?. Australian and New Zealand Journal of Ophthalmology, 1998, 26, 67-70.	0.4	3
90	Nonâ€mydriatic fundus photography: A viable alternative to fundoscopy for identification of diabetic retinopathy in an Aboriginal population in rural Western Australia?. Australian and New Zealand Journal of Ophthalmology, 1998, 26, 109-115.	0.4	49

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91	Chorioretinal venous anastomoses: effect of different laser methods and energy in human eyes without vein occlusion. , 1998, 236, 174.		19
92	The distribution of angioarchitectural changes within the vicinity of the arteriovenous crossing in branch retinal vein occlusion. Ophthalmology, 1998, 105, 424-427.	2.5	89
93	Laser-induced chorioretinal venous anastomosis for nonischemic central retinal vein occlusion: evaluation of the complications and their risk factors. American Journal of Ophthalmology, 1998, 126, 219-229.	1.7	152
94	Cell polarity, phagocytosis and viral gene transfer in cultured human retinal pigment epithelial cells. Current Eye Research, 1998, 17, 668-672.	0.7	6
95	Implantation of PHEMA Keratoprostheses After Alkali Burns in Rabbit Eyes. Cornea, 1998, 17, 301-308.	0.9	25
96	Assessment of Anticollagenase Treatments After Insertion of a Keratoprosthetic Material in the Rabbit Cornea. Cornea, 1998, 17, 108.	0.9	43
97	Histologic Evaluation During Healing of Hydrogel Core-and-Skirt Keratoprostheses in the Rabbit Eye. Cornea, 1997, 16, 352???359.	0.9	18
98	Modulation of cathepsin D activity in retinal pigment epithelial cells. Biochemical Journal, 1997, 324, 935-940.	1.7	54
99	Effect of crosslinked poly(1-vinyl-2-pyrrolidinone) gels on cell growth in static cell cultures. Bio-Medical Materials and Engineering, 1997, 7, 35-47.	0.4	15
100	Retinal Artery and Vein Pressures in the Dog and Their Relationship to Aortic, Intraocular, and Cerebrospinal Fluid Pressures. Microvascular Research, 1997, 53, 211-221.	1.1	54
101	Keratoprostheses: Advancing toward a true artificial cornea. Survey of Ophthalmology, 1997, 42, 175-189.	1.7	147
102	Correlation Between Autofluorescent Debris Accumulation and the Presence of Partially Processed Forms of Cathepsin D in Cultured Retinal Pigment Epithelial Cells Challenged with Rod Outer Segments. Experimental Eye Research, 1996, 63, 159-167.	1.2	38
103	Isolation, sequencing and tissue distribution of a partial cathepsin D cDNA clone from human RPE cells. Australian and New Zealand Journal of Ophthalmology, 1996, 24, 75-84.	0.4	1
104	Keratoprosthesis: preliminary results of an artificial corneal button as a fullâ€thickness implant in the rabbit model. Australian and New Zealand Journal of Ophthalmology, 1996, 24, 297-303.	0.4	24
105	Crosslinked poly (1-vinyl-2-pyrrolidinone) as a vitreous substitute. , 1996, 30, 441-448.		57
106	Production of neocollagen by cells invading hydrogel sponges implanted in the rabbit cornea. Graefe's Archive for Clinical and Experimental Ophthalmology, 1996, 234, 193-198.	1.0	26
107	Poly(I-vinyl-2-pyrrolidinone) hydrogels as vitreous substitutes: Histopathological evaluation in the animal eye. Journal of Biomaterials Science, Polymer Edition, 1996, 7, 685-696.	1.9	85
108	Short Communication: A simple flow cytometric technique to quantify rod outer segment phagocytosis in cultured retinal pigment epithelial cells. Current Eye Research, 1996, 15, 998-1003.	0.7	31

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109	Targeted Delivery of an Antisense Oligonucleotide in the Retina: Uptake, Distribution, Stability, and Effect. Oligonucleotides, 1996, 6, 207-213.	4.4	22
110	Short Communication: Initiation of impaired outer segment degradationin vivousing an antisense oligonucleotide. Current Eye Research, 1996, 15, 119-123.	0.7	10
111	Polymers of 1-Vinyl-2-Pyrrolidinone as Potential Vitreous Substitutes: Physical Selection. Journal of Biomaterials Applications, 1996, 11, 135-181.	1.2	30
112	Preliminary Evaluation of a Hydrogel Core-and-Skirt Keratoprosthesis in the Rabbit Cornea. Journal of Refractive Surgery, 1996, 12, 525-529.	1.1	40
113	Construction of a cDNA library from human retinal pigment epithelial cells challenged with rod outer segments. Australian and New Zealand Journal of Ophthalmology, 1995, 23, 139-144.	0.4	0
114	Visual outcome of excimer laser photorefractive keratectomy for myopia: A comparison of three laser delivery systems in Australia. Australian and New Zealand Journal of Ophthalmology, 1995, 23, 265-272.	0.4	0
115	Optimal conditions required for the creation of an iatrogenic chorioretinal venous anastomosis in the dog using argon green laser photocoagulation. Current Eye Research, 1995, 14, 63-70.	0.7	22
116	Melanin-Containing Hydrogel Intraocular Lenses: A Histopathological Study in Animal Eyes. Journal of Biomaterials Applications, 1995, 9, 262-274.	1.2	1
117	Initial clinical experience with tissue plasminogen activator (tPA) assisted removal of submacular haemorrhage. Eye, 1995, 9, 582-588.	1.1	53
118	Lipofuscin of the retinal pigment epithelium: A review. Eye, 1995, 9, 763-771.	1.1	321
119	Synthetic Polymers as Materials for Artificial Vitreous Body: Review and Recent Advances. Journal of Biomaterials Applications, 1994, 9, 121-137.	1.2	47
120	Interpenetrating polymer network (IPN) as a permanent joint between the elements of a new type of artificial cornea. Journal of Biomedical Materials Research Part B, 1994, 28, 745-753.	3.0	95
121	Automated extraction and quantification of macular drusen from fundal photographs. Australian and New Zealand Journal of Ophthalmology, 1994, 22, 7-12.	0.4	37
122	Significance of Bruch's membrane in the creation of iatrogenic chorioretinal venous anastomosis. Current Eye Research, 1994, 13, 29-33.	0.7	20
123	Improved excimer laser photorefractive keratectomy system. Lasers in Surgery and Medicine, 1993, 13, 189-196.	1.1	6
124	Poly(2-hydroxyethyl methacrylate) sponges as implant materials: in vivo and in vitro evaluation of cellular invasion. Biomaterials, 1993, 14, 26-38.	5.7	225
125	Hydrophilic sponges based on 2-hydroxyethyl methacrylate. I. effect of monomer mixture composition on the pore size. Polymer International, 1993, 32, 221-232.	1.6	116
126	Horizontal Cells of the Normal and Dystrophic Rat Retina: A Wholemount Study Using Immunolabelling for the 28-kDa Calcium-binding Protein. Experimental Eye Research, 1993, 57, 141-148.	1.2	37

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127	Tissue Interaction with Hydrogel Sponges Implanted in the Rabbit Cornea. Cornea, 1993, 12, 348-357.	0.9	52
128	In vitro cytotoxicity of melanized poly(2-hydroxyethyl methacrylate) hydrogels, a novel class of ocular biomaterials. Journal of Biomaterials Science, Polymer Edition, 1992, 3, 481-498.	1.9	15
129	Changes in retinal pigment epithelial cell autofluorescence and protein expression associated with phagocytosis of rod outer segments in vitro. Biology of the Cell, 1992, 76, 49-54.	0.7	32
130	Flow patterns of blood cells in the retinal capillaries. International Ophthalmology, 1992, 16, 81-89.	0.6	8
131	Developmental study of chondroitin-6-sulphate in normal and dystrophic rat retina. Graefe's Archive for Clinical and Experimental Ophthalmology, 1992, 230, 476-482.	1.0	5
132	First Australian excimer laser keratectomy patients. Australian and New Zealand Journal of Ophthalmology, 1992, 20, 79-80.	0.4	4
133	Radiation-absorbing hydrogelâ€“melanin blends for ocular devices. Journal of Applied Polymer Science, 1992, 44, 593-604.	1.3	21
134	Bovine Corneal Stroma Ablation Rate With 193-nm Excimer Laser Radiation: Quantitative Measurement. Journal of Refractive Surgery, 1990, 6, 424-429.	1.1	24
135	Ridley intraocular lens revisited: Chemical analysis of residuals in the original lens material. Journal of Cataract and Refractive Surgery, 1989, 15, 283-288.	0.7	9
136	Clinical results of hydrogel lens implantation. Journal of Cataract and Refractive Surgery, 1986, 12, 623-631.	0.7	99
137	Aqueous humor catecholamines. Current Eye Research, 1984, 3, 809-814.	0.7	33
138	SUPER VISCOUS SILICONE LIQUID IN RETINAL SURGERY. Australian and New Zealand Journal of Ophthalmology, 1982, 10, 5-11.	0.4	16
139	Biological Vitreous Substitutes. JAMA Ophthalmology, 1972, 88, 544.	2.6	25