

J Sebag

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139
papers

4,787
citations

38
h-index

66
g-index

158
ext. papers

5,617
ext. citations

5.1
avg. IF

6.04
L-index

#	Paper	IF	Citations
139	The International Vitreomacular Traction Study Group classification of vitreomacular adhesion, traction, and macular hole. <i>Ophthalmology</i> , 2013 , 120, 2611-2619	7.3	610
138	Anomalous posterior vitreous detachment: a unifying concept in vitreo-retinal disease. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2004 , 242, 690-8	3.8	305
137	Age-related changes in human vitreous structure. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 1987 , 225, 89-93	3.8	196
136	Age-related differences in the human vitreoretinal interface. <i>JAMA Ophthalmology</i> , 1991 , 109, 966-71		174
135	Anatomy and pathology of the vitreo-retinal interface. <i>Eye</i> , 1992 , 6 (Pt 6), 541-52	4.4	147
134	Biochemical abnormalities in vitreous of humans with proliferative diabetic retinopathy. <i>JAMA Ophthalmology</i> , 1992 , 110, 1472-6		131
133	Vitreomacular adhesion in active and end-stage age-related macular degeneration. <i>American Journal of Ophthalmology</i> , 2009 , 148, 79-82.e2	4.9	120
132	Morphology and ultrastructure of human vitreous fibers. <i>Investigative Ophthalmology and Visual Science</i> , 1989 , 30, 1867-71		117
131	Pathogenesis of cystoid macular edema: an anatomic consideration of vitreoretinal adhesions. <i>Survey of Ophthalmology</i> , 1984 , 28 Suppl, 493-8	6.1	113
130	Ageing of the vitreous. <i>Eye</i> , 1987 , 1 (Pt 2), 254-62	4.4	112
129	Pharmacologic Vitreolysis. <i>Retina</i> , 1998 , 18, 1-4	3.6	110
128	Vitreoschisis in macular diseases. <i>British Journal of Ophthalmology</i> , 2011 , 95, 376-80	5.5	87
127	Pharmacologic vitreolysis. <i>Retina</i> , 1998 , 18, 1-3	3.6	85
126	Vitrectomy for floaters: prospective efficacy analyses and retrospective safety profile. <i>Retina</i> , 2014 , 34, 1062-8	3.6	80
125	Vitreous floaters: Etiology, diagnostics, and management. <i>Survey of Ophthalmology</i> , 2016 , 61, 211-27	6.1	74
124	Oct-based interpretation of the vitreomacular interface and indications for pharmacologic vitreolysis. <i>Retina</i> , 2013 , 33, 2003-11	3.6	73
123	Pharmacologic vitreolysis with microplasmin increases vitreous diffusion coefficients. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2007 , 245, 576-80	3.8	65

122	The Vitreous 1989 ,		65
121	Abnormalities of human vitreous structure in diabetes. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 1993 , 231, 257-60	3.8	64
120	Effects of visible-light irradiation on vitreous structure in the presence of a photosensitizer. <i>Experimental Eye Research</i> , 1987 , 44, 863-70	3.7	64
119	Is pharmacologic vitreolysis brewing?. <i>Retina</i> , 2002 , 22, 1-3	3.6	63
118	Raman spectroscopy of human vitreous in proliferative diabetic retinopathy. <i>Investigative Ophthalmology and Visual Science</i> , 1994 , 35, 2976-80		60
117	Macromolecular structure of the corpus vitreus. <i>Progress in Polymer Science</i> , 1998 , 23, 415-446	29.6	54
116	Vitreo-papillary adhesion in macular hole and macular pucker. <i>Retina</i> , 2009 , 29, 644-50	3.6	52
115	Molecular biology of pharmacologic vitreolysis. <i>Transactions of the American Ophthalmological Society</i> , 2005 , 103, 473-94		52
114	Effects of optic atrophy on retinal blood flow and oxygen saturation in humans. <i>JAMA Ophthalmology</i> , 1989 , 107, 222-6		49
113	Multifocal retinal contraction in macular pucker analyzed by combined optical coherence tomography/scanning laser ophthalmoscopy. <i>Retina</i> , 2008 , 28, 447-52	3.6	47
112	Ultrasound-based quantification of vitreous floaters correlates with contrast sensitivity and quality of life. <i>Investigative Ophthalmology and Visual Science</i> , 2015 , 56, 1611-7		46
111	Vitreous: the resplendent enigma. <i>British Journal of Ophthalmology</i> , 2009 , 93, 989-91	5.5	43
110	Imaging vitreous. <i>Eye</i> , 2002 , 16, 429-39	4.4	42
109	Quantitative molecular characterization of bovine vitreous and lens with non-invasive dynamic light scattering. <i>Experimental Eye Research</i> , 2001 , 73, 859-66	3.7	41
108	Pneumatic retinopexy using only air. <i>Retina</i> , 1993 , 13, 8-12	3.6	41
107	Floaters and the quality of life. <i>American Journal of Ophthalmology</i> , 2011 , 152, 3-4.e1	4.9	39
106	The Alström syndrome: ophthalmic histopathology and retinal ultrastructure. <i>British Journal of Ophthalmology</i> , 1984 , 68, 494-501	5.5	39
105	Vitreopapillary adhesion in macular diseases. <i>Transactions of the American Ophthalmological Society</i> , 2009 , 107, 35-44		38

104	Diabetic retinopathy. Pathogenesis and the role of retina-derived growth factor in angiogenesis. <i>Survey of Ophthalmology</i> , 1986 , 30, 377-84	6.1	35
103	Seeing the invisible: the challenge of imaging vitreous. <i>Journal of Biomedical Optics</i> , 2004 , 9, 38-46	3.5	33
102	Degradation of Contrast Sensitivity Function Following Posterior Vitreous Detachment. <i>American Journal of Ophthalmology</i> , 2016 , 172, 7-12	4.9	32
101	Anterior optic nerve blood flow decreases in clinical neurogenic optic atrophy. <i>Ophthalmology</i> , 1986 , 93, 858-65	7.3	29
100	Posterior vitreous detachment following panretinal laser photocoagulation. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 1990 , 228, 5-8	3.8	28
99	Classifying posterior vitreous detachment: a new way to look at the invisible. <i>British Journal of Ophthalmology</i> , 1997 , 81, 521	5.5	27
98	Dynamic light scattering of diabetic vitreopathy. <i>Diabetes Technology and Therapeutics</i> , 1999 , 1, 169-76	8.1	26
97	Long-Term Safety and Efficacy of Limited Vitrectomy for Vision Degrading Vitreopathy Resulting from Vitreous Floaters. <i>Ophthalmology Retina</i> , 2018 , 2, 881-887	3.8	25
96	Effects of pentoxifylline on choroidal blood flow in nonproliferative diabetic retinopathy. <i>Angiology</i> , 1994 , 45, 429-33	2.1	25
95	To see the invisible: the quest of imaging vitreous. <i>Developments in Ophthalmology</i> , 2008 , 42, 5-28		24
94	PARS PLANA VITRECTOMY FOR THE TREATMENT OF TRACTIONAL AND DEGENERATIVE LAMELLAR MACULAR HOLES: Functional and Anatomical Results. <i>Retina</i> , 2019 , 39, 2090-2098	3.6	23
93	Indocyanine green-assisted macular hole surgery: too pioneering?. <i>American Journal of Ophthalmology</i> , 2004 , 137, 744-746	4.9	23
92	Quantitative analysis of central visual field defects in macular edema using three-dimensional computer-automated threshold Amsler grid testing. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2009 , 247, 165-70	3.8	21
91	Orbital fistula. Causes and treatment of 20 cases. <i>JAMA Ophthalmology</i> , 1983 , 101, 1721-3		21
90	Aberrant regeneration of the third nerve following orbital trauma. Synkinesis of the iris sphincter. <i>Archives of Neurology</i> , 1983 , 40, 762-4		20
89	Anterior optic nerve blood flow in experimental optic atrophy. <i>Investigative Ophthalmology and Visual Science</i> , 1985 , 26, 1415-22		20
88	Macular Microcysts in Mitochondrial Optic Neuropathies: Prevalence and Retinal Layer Thickness Measurements. <i>PLoS ONE</i> , 2015 , 10, e0127906	3.7	19
87	Vitreous Antioxidants, Degeneration, and Vitreo-Retinopathy: Exploring the Links. <i>Antioxidants</i> , 2019 , 9,	7.1	19

86	Distinguishing wet from dry age-related macular degeneration using three-dimensional computer-automated threshold Amsler grid testing. <i>British Journal of Ophthalmology</i> , 2011 , 95, 1419-23 ^{5.5}	18
85	Vitreous and Vision Degrading Myodesopsia. <i>Progress in Retinal and Eye Research</i> , 2020 , 79, 100847	20.5 17
84	The effects of aging vitreous on contrast sensitivity function. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2018 , 256, 919-925	3.8 17
83	Photoablation of Human Vitreous Opacities by Light-Induced Vapor Nanobubbles. <i>ACS Nano</i> , 2019 , 13, 8401-8416	16.7 17
82	Vitreoschisis in diabetic macular edema 2011 , 52, 8455-6; author reply 8456-7	17
81	Shaken not stirred. <i>Ophthalmology</i> , 2001 , 108, 1177-8	7.3 17
80	Accuracy of Spectral-Domain OCT of the Macula for Detection of Complete Posterior Vitreous Detachment. <i>Ophthalmology Retina</i> , 2020 , 4, 148-153	3.8 17
79	Vitreous Anatomy, Aging, and Anomalous Posterior Vitreous Detachment 2010 , 307-315	16
78	Quantifying Visual Dysfunction and the Response to Surgery in Macular Pucker. <i>Ophthalmology</i> , 2016 , 123, 1500-10	7.3 16
77	Incidence of Cataract Surgery after Vitrectomy for Vitreous Opacities. <i>Ophthalmology Retina</i> , 2017 , 1, 154-157	3.8 15
76	Asteroid hyalosis-a comprehensive review. <i>Survey of Ophthalmology</i> , 2019 , 64, 452-462	6.1 15
75	Image enhancement improves reading performance in age-related macular degeneration patients. <i>Vision Research</i> , 1998 , 38, 153-62	2.1 15
74	Posterior Precortical Vitreous Pocket. <i>JAMA Ophthalmology</i> , 1991 , 109, 1059	15
73	II.E. Vitreoretinal Interface and Inner Limiting Membrane 2014 , 165-191	14
72	Neuron specific enolase in retinal detachment. <i>Current Eye Research</i> , 2001 , 23, 382-5	2.9 13
71	Human vitreous fibres and vitreoretinal disease. <i>Transactions of the Ophthalmological Societies of the United Kingdom</i> , 1985 , 104 (Pt 2), 123-8	13
70	Proteomic Analysis of Embryonic and Young Human Vitreous 2015 , 56, 7036-42	12
69	Neuron-specific enolase is elevated in asymptomatic carriers of Leber's hereditary optic neuropathy 2012 , 53, 6389-92	12

68	Assessment of Vitreous Structure and Visual Function after Neodymium:Yttrium-Aluminum-Garnet Laser Vitreolysis. <i>Ophthalmology</i> , 2019 , 126, 1517-1526	7.3	11
67	Long-term results of office-based pneumatic retinopexy using pure air. <i>British Journal of Ophthalmology</i> , 2011 , 95, 1728-30	5.5	11
66	II.C. Vitreous Aging and Posterior Vitreous Detachment 2014 , 131-150		10
65	Pharmacologic vitreolysis with ocriplasmin: rationale for use and therapeutic potential in vitreo-retinal disorders. <i>BioDrugs</i> , 2015 , 29, 103-12	7.9	10
64	Decision-making in clinical practice and medical research: a theoretical analysis of predictors, indicators, and health index. <i>International Journal of Bio-medical Computing</i> , 1974 , 5, 301-9		9
63	Retinal S-antigen in human subretinal fluid. <i>Investigative Ophthalmology and Visual Science</i> , 1987 , 28, 2038-41		9
62	III.B. Anomalous Posterior Vitreous Detachment and Vitreoschisis 2014 , 241-263		8
61	Prospective three-dimensional analysis of structure and function in vitreomacular adhesion cured by pharmacologic vitreolysis. <i>Retinal Cases and Brief Reports</i> , 2013 , 7, 57-61	1.1	8
60	Safety of vitrectomy for floaters. <i>American Journal of Ophthalmology</i> , 2011 , 152, 1077; author reply 1077-8	4.9	8
59	Regression of choroidal neovascularization after vitrectomy for postinjection endophthalmitis. <i>Retinal Cases and Brief Reports</i> , 2010 , 4, 312-6	1.1	8
58	Indocyanine green-assisted macular hole surgery: too pioneering?. <i>American Journal of Ophthalmology</i> , 2004 , 137, 744-6	4.9	8
57	Cost-Effectiveness of Limited Vitrectomy for Vision-Degrading Myodesopsia. <i>American Journal of Ophthalmology</i> , 2019 , 204, 1-6	4.9	7
56	Relationship between prorenin, IGF-I, IGF-binding proteins and retinopathy in diabetic patients. <i>General Pharmacology</i> , 1996 , 27, 329-32		7
55	Inner retinal optic neuropathy: vitreomacular surgery-associated disruption of the inner retina. <i>Investigative Ophthalmology and Visual Science</i> , 2014 , 55, 6756-64		6
54	VI.A. Pharmacologic Vitreolysis 2014 , 799-815		6
53	Structure, function, and age-related changes of the human vitreous. <i>Bulletin De La Société Belge D'ophtalmologie</i> , 1987 , 223 Pt 1, 37-57		6
52	Paradigm Shifts in Ophthalmic Diagnostics. <i>Transactions of the American Ophthalmological Society</i> , 2016 , 114, WP1		6
51	Vitreoretinal Interface 2006 , 1921-1989		6

50	Let green lead not astray. <i>British Journal of Ophthalmology</i> , 2005 , 89, 790-2	5.5	5
49	The diagnosis of health. <i>Preventive Medicine</i> , 1979 , 8, 76-88	4.3	5
48	Structure of the Vitreous 1989 , 35-58		5
47	STRUCTURAL AND FUNCTIONAL CHARACTERISTICS OF LAMELLAR MACULAR HOLES. <i>Retina</i> , 2019 , 39, 2084-2089	3.6	4
46	Methodological and Efficacy Issues in a Randomized Clinical Trial Investigating Vitreous Floater Treatment. <i>JAMA Ophthalmology</i> , 2018 , 136, 448	3.9	4
45	I.F. Vitreous Biochemistry and Artificial Vitreous 2014 , 81-92		4
44	The effects of vitreous on proliferative diabetic retinopathy and the response to pan retinal photocoagulation. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2017 , 255, 421-422	3.8	4
43	The induction of retinal detachment. <i>Transactions of the Ophthalmological Societies of the United Kingdom</i> , 1983 , 103 (Pt 4), 480-5		4
42	Vitreous Structure and Visual Function in Myopic Vitreopathy Causing Vision-Degrading Myodesopsia. <i>American Journal of Ophthalmology</i> , 2021 , 224, 246-253	4.9	4
41	Floaters and reduced contrast sensitivity after successful pharmacologic vitreolysis with ocriplasmin. <i>American Journal of Ophthalmology Case Reports</i> , 2016 , 4, 54-56	1.3	4
40	V.B.8. Vitreous Floaters and Vision: Current Concepts and Management Paradigms 2014 , 771-788		3
39	I.E. Diabetic Vitreopathy 2014 , 57-79		3
38	II.F. To See the Invisible: The Quest of Imaging Vitreous 2014 , 193-219		3
37	The Vitreous. <i>Advances in Organ Biology</i> , 2005 , 10, 181-194		3
36	Relationship between work environment and anamnestic health status. Use of predictors, indicators and indices for the evaluation of medical and environmental factors. <i>Scandinavian Journal of Work, Environment and Health</i> , 1975 , 1, 233-42	4.3	3
35	Decision-Making in Medical Research and Clinical Practice: Theory and Methodology of Laboratory Data Evaluation by Predictors, Indicators and Indices. <i>Methods of Information in Medicine</i> , 1975 , 14, 113-117	1.5	3
34	I.D. Vitreous Cytokines and Regression of the Fetal Hyaloid Vasculature 2014 , 41-55		2
33	Precortical vitreous pockets and proliferative retinopathy. <i>Ophthalmology</i> , 1993 , 100, 1599-600	7.3	2

32	Decision-making in clinical practice: application of predictors, indicators and indices to the medical history obtained by a self-administered questionnaire. <i>International Journal of Bio-medical Computing</i> , 1975 , 6, 167-79		2
31	Pathophysiology of the Aging Vitreous. <i>Essentials in Ophthalmology</i> , 2014 , 29-42	0.2	2
30	Carbon quantum dots as a dual platform for the inhibition and light-based destruction of collagen fibers: implications for the treatment of eye floaters. <i>Nanoscale Horizons</i> , 2021 , 6, 449-461	10.8	2
29	Reply to Comment on: Cost-Effectiveness of Limited Vitrectomy for Vision Degrading Myodesopsia. <i>American Journal of Ophthalmology</i> , 2020 , 213, 323-324	4.9	1
28	Re: Maggio et al.: Vitreomacular adhesion and the risk of neovascular age-related macular degeneration (Ophthalmology. 2017;124:657-666). <i>Ophthalmology</i> , 2018 , 125, e6	7.3	1
27	III.F. Vitreous in the Pathobiology of Macular Pucker 2014 , 311-328		1
26	V.A.4. Macular Hole and Macular Pucker Surgery with Special Emphasis on Reoperations 2014 , 613-627		1
25	Prithee, why so pale?. <i>Ophthalmology</i> , 2004 , 111, 1625-6	7.3	1
24	Retinal and choroidal response to panretinal photocoagulation and ultrastructural perspective. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 1996 , 234, 349	3.8	1
23	Oval defect in detached posterior hyaloid membrane in idiopathic preretinal macular fibrosis. <i>American Journal of Ophthalmology</i> , 1995 , 119, 814-5	4.9	1
22	Vitreous pathobiology and pharmacologic vitreolysis 2004 , 171-179		1
21	Re: Ishida et al: Risk Factors, Onset, and Progression of Epiretinal Membrane after 25-Gauge Pars Plana Vitrectomy for Rhegmatogenous Retinal Detachment. <i>Ophthalmology Retina</i> , 2020 , 4, e10-e11	3.8	1
20	Correspondence. <i>Retina</i> , 2020 , 40, e48	3.6	1
19	Volumetric Optical Imaging and Quantitative Analysis of Age-Related Changes in Anterior Human Vitreous 2021 , 62, 31		1
18	Non-Invasive Monitoring of Ocular Health in Space 2006 , 267-273		1
17	V.B.7. Pneumatic Retinopexy 2014 , 757-769		0
16	Letter to the Editor: Impact of Dry Eye on Visual Acuity and Contrast Sensitivity: Dry Eye Assessment and Management Study. <i>Optometry and Vision Science</i> , 2019 , 96, 890-891	2.1	0
15	Reply. <i>American Journal of Ophthalmology</i> , 2017 , 177, 225-226	4.9	

- 14 Re: Thompson: Much Ado about Nothing (or Something)-What Is the Role of Vitrectomy and Yttrium-Aluminum-Garnet Laser for Vitreous Floaters? (*Ophthalmol Retina*. 2018;2:879-880). *Ophthalmology Retina*, **2019**, 3, e6 3.8
- 13 III.H. Peripheral VitreoRetinal Pathologies **2014**, 347-373
- 12 III.E. Vitreo-Papillary Adhesion and Traction **2014**, 299-310
- 11 Reply: To PMID 24296397. *Retina*, **2014**, 34, e35-6 3.6
- 10 Anatomie et physiologie du vitre et de l'interface vitroBrinienne. *Encyclopedie Medico-chirurgicale Ophthalmologie*, **2008**, 5, 1-25
- 9 A new approach to evaluating the effects of pharmacologic vitreolysis on vitreous diffusion coefficients using dynamic light scattering **2006**, 6138, 36
- 8 Clinical correlation of ultrasonographic findings in macular holes. *American Journal of Ophthalmology*, **1995**, 120, 548-50 4.9
- 7 Intraorbital wood. *Ophthalmology*, **1990**, 97, 1400 7.3
- 6 Treacher Collins prize essay. Lasers in ophthalmic diagnosis. *Transactions of the Ophthalmological Societies of the United Kingdom*, **1986**, 105 (Pt 6), 607-17
- 5 Coronal plane OCT imaging and vision in macular pucker. *Graefes Archive for Clinical and Experimental Ophthalmology*, **2021**, 1 3.8
- 4 Functions of the Vitreous **1989**, 59-71
- 3 Management of Macular Edema in Vitreo-Maculopathies **2017**, 91-120
- 2 Importance of the inner limiting membrane in adults. *Experimental Eye Research*, **2021**, 207, 108582 3.7
- 1 Surgical Anatomy of Vitreous **2021**, 9-23