J Sebag

List of Publications by Year in Descending Order

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	Coronal plane OCT imaging and vision in macular pucker. *Graefe's Archive for Clinical and Experimental Ophthalmology*, **2021**, 1	3.8	
138	Volumetric Optical Imaging and Quantitative Analysis of Age-Related Changes in Anterior Human Vitreous **2021**, 62, 31		1
137	Vitreous Structure and Visual Function in Myopic Vitreopathy Causing Vision-Degrading Myodesopsia. *American Journal of Ophthalmology*, **2021**, 224, 246-253	4.9	4
136	Importance of the inner limiting membrane in adults. *Experimental Eye Research*, **2021**, 207, 108582	3.7	
135	Carbon quantum dots as a dual platform for the inhibition and light-based destruction of collagen fibers: implications for the treatment of eye floaters. *Nanoscale Horizons*, **2021**, 6, 449-461	10.8	2
134	Surgical Anatomy of Vitreous **2021**, 9-23		
133	Reply to Comment on: Cost-Effectiveness of Limited Vitrectomy for Vision Degrading Myodesopsia. *American Journal of Ophthalmology*, **2020**, 213, 323-324	4.9	1
132	Vitreous and Vision Degrading Myodesopsia. *Progress in Retinal and Eye Research*, **2020**, 79, 100847	20.5	17
131	Accuracy of Spectral-Domain OCT of the Macula for Detection of Complete Posterior Vitreous Detachment. *Ophthalmology Retina*, **2020**, 4, 148-153	3.8	17
130	Re: Ishida et´al: Risk Factors, Onset, and Progression of Epiretinal Membrane after 25-Gauge Pars Plana Vitrectomy for Rhegmatogenous Retinal Detachment. *Ophthalmology Retina*, **2020**, 4, e10-e11	3.8	1
129	Correspondence. *Retina*, **2020**, 40, e48	3.6	1
128	Assessment of Vitreous Structure and Visual Function after Neodymium:Yttrium-Aluminum-Garnet Laser Vitreolysis. *Ophthalmology*, **2019**, 126, 1517-1526	7.3	11
127	Asteroid hyalosis-a comprehensive review. *Survey of Ophthalmology*, **2019**, 64, 452-462	6.1	15
126	PARS PLANA VITRECTOMY FOR THE TREATMENT OF TRACTIONAL AND DEGENERATIVE LAMELLAR MACULAR HOLES: Functional and Anatomical Results. *Retina*, **2019**, 39, 2090-2098	3.6	23
125	STRUCTURAL AND FUNCTIONAL CHARACTERISTICS OF LAMELLAR MACULAR HOLES. *Retina*, **2019**, 39, 2084-2089	3.6	4
124	Cost-Effectiveness of Limited Vitrectomy for Vision-Degrading Myodesopsia. *American Journal of Ophthalmology*, **2019**, 204, 1-6	4.9	7
123	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	

122	Photoablation of Human Vitreous Opacities by Light-Induced Vapor Nanobubbles. *ACS Nano*, **2019**, 13, 8401-8416	16.7	17
121	Vitreous Antioxidants, Degeneration, and Vitreo-Retinopathy: Exploring the Links. *Antioxidants*, **2019**, 9,	7.1	19
120	Letter to the Editor: Impact of Dry Eye on Visual Acuity and Contrast Sensitivity: Dry Eye Assessment and Management Study. *Optometry and Vision Science*, **2019**, 96, 890-891	2.1	0
119	Methodological and Efficacy Issues in a Randomized Clinical Trial Investigating Vitreous Floater Treatment. *JAMA Ophthalmology*, **2018**, 136, 448	3.9	4
118	Re: Maggio et´al.: Vitreomacular adhesion and the risk of neovascular age-related macular degeneration (Ophthalmology. 2017;124:657-666). *Ophthalmology*, **2018**, 125, e6	7.3	1
117	The effects of aging vitreous on contrast sensitivity function. *Graefe's Archive for Clinical and Experimental Ophthalmology*, **2018**, 256, 919-925	3.8	17
116	Long-Term Safety and Efficacy of Limited Vitrectomy for Vision Degrading Vitreopathy Resulting from Vitreous Floaters. *Ophthalmology Retina*, **2018**, 2, 881-887	3.8	25
115	Incidence of Cataract Surgery after Vitrectomy for Vitreous Opacities. *Ophthalmology Retina*, **2017**, 1, 154-157	3.8	15
114	Reply. *American Journal of Ophthalmology*, **2017**, 177, 225-226	4.9	
113	The effects of vitreous on proliferative diabetic retinopathy and the response to pan retinal photocoagulation. *Graefe's Archive for Clinical and Experimental Ophthalmology*, **2017**, 255, 421-422	3.8	4
112	Management of Macular Edema in Vitreo-Maculopathies **2017**, 91-120		
111	Degradation of Contrast Sensitivity Function Following Posterior Vitreous Detachment. *American Journal of Ophthalmology*, **2016**, 172, 7-12	4.9	32
110	Vitreous floaters: Etiology, diagnostics, and management. *Survey of Ophthalmology*, **2016**, 61, 211-27	6.1	74
109	Paradigm Shifts in Ophthalmic Diagnostics. *Transactions of the American Ophthalmological Society*, **2016**, 114, WP1		6
108	Quantifying Visual Dysfunction and the Response to Surgery in Macular Pucker. *Ophthalmology*, **2016**, 123, 1500-10	7.3	16
107	Floaters and reduced contrast sensitivity after successful pharmacologic vitreolysis with ocriplasmin. *American Journal of Ophthalmology Case Reports*, **2016**, 4, 54-56	1.3	4
106	Proteomic Analysis of Embryonic and Young Human Vitreous **2015**, 56, 7036-42		12
105	Pharmacologic vitreolysis with ocriplasmin: rationale for use and therapeutic potential in vitreo-retinal disorders. *BioDrugs*, **2015**, 29, 103-12	7.9	10

104	Ultrasound-based quantification of vitreous floaters correlates with contrast sensitivity and quality of life. *Investigative Ophthalmology and Visual Science*, **2015**, 56, 1611-7		46
103	Macular Microcysts in Mitochondrial Optic Neuropathies: Prevalence and Retinal Layer Thickness Measurements. *PLoS ONE*, **2015**, 10, e0127906	3.7	19
102	Inner retinal optic neuropathy: vitreomacular surgery-associated disruption of the inner retina. *Investigative Ophthalmology and Visual Science*, **2014**, 55, 6756-64		6
101	III.H. Peripheral VitreoRetinal Pathologies **2014**, 347-373		
100	III.B. Anomalous Posterior Vitreous Detachment and Vitreoschisis **2014**, 241-263		8
99	III.E. Vitreo-Papillary Adhesion and Traction **2014**, 299-310		
98	III.F. Vitreous in the Pathobiology of Macular Pucker **2014**, 311-328		1
97	V.B.8. Vitreous Floaters and Vision: Current Concepts and Management Paradigms **2014**, 771-788		3
96	V.A.4. Macular Hole and Macular Pucker Surgery with Special Emphasis on Reoperations **2014**, 613-627		1
95	I.E. Diabetic Vitreopathy **2014**, 57-79		3
94	I.D. Vitreous Cytokines and Regression of the Fetal Hyaloid Vasculature **2014**, 41-55		2
93	V.B.7. Pneumatic Retinopexy **2014**, 757-769		0
92	II.C. Vitreous Aging and Posterior Vitreous Detachment **2014**, 131-150		10
91	II.E. Vitreoretinal Interface and Inner Limiting Membrane **2014**, 165-191		14
90	II.F. To See the Invisible: The Quest of Imaging Vitreous **2014**, 193-219		3
89	VI.A. Pharmacologic Vitreolysis **2014**, 799-815		6
88	I.F. Vitreous Biochemistry and Artificial Vitreous **2014**, 81-92		4
87	Reply: To PMID 24296397. *Retina*, **2014**, 34, e35-6	3.6	

86	Vitrectomy for floaters: prospective efficacy analyses and retrospective safety profile. *Retina*, **2014**, 34, 1062-8	3.6	80
85	Pathophysiology of the Aging Vitreous. *Essentials in Ophthalmology*, **2014**, 29-42	0.2	2
84	The International Vitreomacular Traction Study Group classification of vitreomacular adhesion, traction, and macular hole. *Ophthalmology*, **2013**, 120, 2611-2619	7.3	610
83	Prospective three-dimensional analysis of structure and function in vitreomacular adhesion cured by pharmacologic vitreolysis. *Retinal Cases and Brief Reports*, **2013**, 7, 57-61	1.1	8
82	Oct-based interpretation of the vitreomacular interface and indications for pharmacologic vitreolysis. *Retina*, **2013**, 33, 2003-11	3.6	73
81	Neuron-specific enolase is elevated in asymptomatic carriers of Leber's hereditary optic neuropathy **2012**, 53, 6389-92		12
80	Floaters and the quality of life. *American Journal of Ophthalmology*, **2011**, 152, 3-4.e1	4.9	39
79	Safety of vitrectomy for floaters. *American Journal of Ophthalmology*, **2011**, 152, 1077; author reply 1077-8	4.9	8
78	Vitreoschisis in diabetic macular edema **2011**, 52, 8455-6; author reply 8456-7		17
77	Long-term results of office-based pneumatic retinopexy using pure air. *British Journal of Ophthalmology*, **2011**, 95, 1728-30	5.5	11
76	Distinguishing wet from dry age-related macular degeneration using three-dimensional computer-automated threshold Amsler grid testing. *British Journal of Ophthalmology*, **2011**, 95, 1419-23	5.5	18
75	Vitreoschisis in macular diseases. *British Journal of Ophthalmology*, **2011**, 95, 376-80	5.5	87
74	Vitreous Anatomy, Aging, and Anomalous Posterior Vitreous Detachment **2010**, 307-315		16
73	Regression of choroidal neovascularization after vitrectomy for postinjection endophthalmitis. *Retinal Cases and Brief Reports*, **2010**, 4, 312-6	1.1	8
72	Vitreous: the resplendent enigma. *British Journal of Ophthalmology*, **2009**, 93, 989-91	5.5	43
71	Quantitative analysis of central visual field defects in macular edema using three-dimensional computer-automated threshold Amsler grid testing. *Graefe's Archive for Clinical and Experimental Ophthalmology*, **2009**, 247, 165-70	3.8	21
70	Vitreomacular adhesion in active and end-stage age-related macular degeneration. *American Journal of Ophthalmology*, **2009**, 148, 79-82.e2	4.9	120
69	Vitreo-papillary adhesion in macular hole and macular pucker. *Retina*, **2009**, 29, 644-50	3.6	52

68	Vitreopapillary adhesion in macular diseases. *Transactions of the American Ophthalmological Society* , **2009**, 107, 35-44		38
67	To see the invisible: the quest of imaging vitreous. *Developments in Ophthalmology*, **2008**, 42, 5-28		24
66	Anatomie et physiologie du vitr et de l'interface vitr r tinienne. *Encyclop die M dico-chirurgicale Ophtalmologie*, **2008**, 5, 1-25		
65	Multifocal retinal contraction in macular pucker analyzed by combined optical coherence tomography/scanning laser ophthalmoscopy. *Retina*, **2008**, 28, 447-52	3.6	47
64	Pharmacologic vitreolysis with microplasmin increases vitreous diffusion coefficients. *Graefe's Archive for Clinical and Experimental Ophthalmology*, **2007**, 245, 576-80	3.8	65
63	A new approach to evaluating the effects of pharmacologic vitreolysis on vitreous diffusion coefficients using dynamic light scattering **2006**, 6138, 36		
62	Vitreoretinal Interface **2006**, 1921-1989		6
61	Non-Invasive Monitoring of Ocular Health in Space **2006**, 267-273		1
60	The Vitreous. *Advances in Organ Biology*, **2005**, 10, 181-194		3
59	Let green lead not astray. *British Journal of Ophthalmology*, **2005**, 89, 790-2	5.5	5
58	Molecular biology of pharmacologic vitreolysis. *Transactions of the American Ophthalmological Society*, **2005**, 103, 473-94		52
57	Anomalous posterior vitreous detachment: a unifying concept in vitreo-retinal disease. *Graefe's Archive for Clinical and Experimental Ophthalmology*, **2004**, 242, 690-8	3.8	305
56	Seeing the invisible: the challenge of imaging vitreous. *Journal of Biomedical Optics*, **2004**, 9, 38-46	3.5	33
55	Prithee, why so pale?. *Ophthalmology*, **2004**, 111, 1625-6	7.3	1
54	Indocyanine green-assisted macular hole surgery: too pioneering?. *American Journal of Ophthalmology*, **2004**, 137, 744-746	4.9	23
53	Vitreous pathobiology and pharmacologic vitreolysis **2004**, 171-179		1
52	Indocyanine green-assisted macular hole surgery: too pioneering?. *American Journal of Ophthalmology*, **2004**, 137, 744-6	4.9	8
51	Imaging vitreous. *Eye*, **2002**, 16, 429-39	4.4	42

50	Is pharmacologic vitreolysis brewing?. *Retina*, **2002**, 22, 1-3	3.6	63
49	Quantitative molecular characterization of bovine vitreous and lens with non-invasive dynamic light scattering. *Experimental Eye Research*, **2001**, 73, 859-66	3.7	41
48	Shaken not stirred. *Ophthalmology*, **2001**, 108, 1177-8	7.3	17
47	Neuron specific enolase in retinal detachment. *Current Eye Research*, **2001**, 23, 382-5	2.9	13
46	Dynamic light scattering of diabetic vitreopathy. *Diabetes Technology and Therapeutics*, **1999**, 1, 169-76	8.1	26
45	Macromolecular structure of the corpus vitreus. *Progress in Polymer Science*, **1998**, 23, 415-446	29.6	54
44	Image enhancement improves reading performance in age-related macular degeneration patients. *Vision Research*, **1998**, 38, 153-62	2.1	15
43	Pharmacologic vitreolysis. *Retina*, **1998**, 18, 1-3	3.6	85
42	Pharmacologic Vitreolysis. *Retina*, **1998**, 18, 1-4	3.6	110
41	Classifying posterior vitreous detachment: a new way to look at the invisible. *British Journal of Ophthalmology*, **1997**, 81, 521	5.5	27
40	Relationship between prorenin, IGF-I, IGF-binding proteins and retinopathy in diabetic patients. *General Pharmacology*, **1996**, 27, 329-32		7
39	Retinal and choroidal response to panretinal photocoagulation and ultrastructural perspective. *Graefe's Archive for Clinical and Experimental Ophthalmology*, **1996**, 234, 349	3.8	1
38	Clinical correlation of ultrasonographic findings in macular holes. *American Journal of Ophthalmology*, **1995**, 120, 548-50	4.9	
37	Oval defect in detached posterior hyaloid membrane in idiopathic preretinal macular fibrosis. *American Journal of Ophthalmology*, **1995**, 119, 814-5	4.9	1
36	Effects of pentoxifylline on choroidal blood flow in nonproliferative diabetic retinopathy. *Angiology* , **1994**, 45, 429-33	2.1	25
35	Raman spectroscopy of human vitreous in proliferative diabetic retinopathy. *Investigative Ophthalmology and Visual Science*, **1994**, 35, 2976-80		60
34	Precortical vitreous pockets and proliferative retinopathy. *Ophthalmology*, **1993**, 100, 1599-600	7.3	2
33	Pneumatic retinopexy using only air. *Retina*, **1993**, 13, 8-12	3.6	41

32	Abnormalities of human vitreous structure in diabetes. *Graefe's Archive for Clinical and Experimental Ophthalmology*, **1993**, 231, 257-60	3.8	64
31	Biochemical abnormalities in vitreous of humans with proliferative diabetic retinopathy. *JAMA Ophthalmology*, **1992**, 110, 1472-6		131
30	Anatomy and pathology of the vitreo-retinal interface. *Eye*, **1992**, 6 (Pt 6), 541-52	4.4	147
29	Posterior Precortical Vitreous Pocket. *JAMA Ophthalmology*, **1991**, 109, 1059		15
28	Age-related differences in the human vitreoretinal interface. *JAMA Ophthalmology*, **1991**, 109, 966-71		174
27	Posterior vitreous detachment following panretinal laser photocoagulation. *Graefe's Archive for Clinical and Experimental Ophthalmology*, **1990**, 228, 5-8	3.8	28
26	Intraorbital wood. *Ophthalmology*, **1990**, 97, 1400	7.3	
25	The Vitreous **1989**,		65
24	Effects of optic atrophy on retinal blood flow and oxygen saturation in humans. *JAMA Ophthalmology*, **1989**, 107, 222-6		49
23	Morphology and ultrastructure of human vitreous fibers. *Investigative Ophthalmology and Visual Science*, **1989**, 30, 1867-71		117
22	Functions of the Vitreous **1989**, 59-71		
21	Structure of the Vitreous **1989**, 35-58		5
20	Ageing of the vitreous. *Eye*, **1987**, 1 (Pt 2), 254-62	4.4	112
19	Structure, function, and age-related changes of the human vitreous. *Bulletin De La Soci□Belge D□ophtalmologie*, **1987**, 223 Pt 1, 37-57		6
18	Effects of visible-light irradiation on vitreous structure in the presence of a photosensitizer. *Experimental Eye Research*, **1987**, 44, 863-70	3.7	64
17	Age-related changes in human vitreous structure. *Graefe's Archive for Clinical and Experimental Ophthalmology*, **1987**, 225, 89-93	3.8	196
16	Retinal S-antigen in human subretinal fluid. *Investigative Ophthalmology and Visual Science*, **1987**, 28, 2038-41		9
15	Anterior optic nerve blood flow decreases in clinical neurogenic optic atrophy. *Ophthalmology*, **1986**, 93, 858-65	7.3	29

14	Diabetic retinopathy. Pathogenesis and the role of retina-derived growth factor in angiogenesis. *Survey of Ophthalmology*, **1986**, 30, 377-84	6.1	35
13	Treacher Collins prize essay. Lasers in ophthalmic diagnosis. *Transactions of the Ophthalmological Societies of the United Kingdom*, **1986**, 105 (Pt 6), 607-17		
12	Human vitreous fibres and vitreoretinal disease. *Transactions of the Ophthalmological Societies of the United Kingdom*, **1985**, 104 (Pt 2), 123-8		13
11	Anterior optic nerve blood flow in experimental optic atrophy. *Investigative Ophthalmology and Visual Science*, **1985**, 26, 1415-22		20
10	The Alstrm syndrome: ophthalmic histopathology and retinal ultrastructure. *British Journal of Ophthalmology*, **1984**, 68, 494-501	5.5	39
9	Pathogenesis of cystoid macular edema: an anatomic consideration of vitreoretinal adhesions. *Survey of Ophthalmology*, **1984**, 28 Suppl, 493-8	6.1	113
8	Orbital fistula. Causes and treatment of 20 cases. *JAMA Ophthalmology*, **1983**, 101, 1721-3		21
7	Aberrant regeneration of the third nerve following orbital trauma. Synkinesis of the iris sphincter. *Archives of Neurology*, **1983**, 40, 762-4		20
6	The induction of retinal detachment. *Transactions of the Ophthalmological Societies of the United Kingdom*, **1983**, 103 (Pt 4), 480-5		4
5	The diagnosis of health. *Preventive Medicine*, **1979**, 8, 76-88	4.3	5
4	Decision-making in clinical practice: application of predictors, indicators and indices to the medical history obtained by a self-administered questionnaire. *International Journal of Bio-medical Computing*, **1975**, 6, 167-79		2
3	Relationship between work environment and anamnestic health status. Use of predictors, indicators and indices for the evaluation of medical and environmental factors. *Scandinavian Journal of Work, Environment and Health*, **1975**, 1, 233-42	4.3	3
2	Decision-Making in Medical Research and Clinical Practice: Theory and Methodology of Laboratory Data Evaluation by Predictors, Indicators and Indices. *Methods of Information in Medicine*, **1975**, 14, 113-117	1.5	3
1	Decision-making in clinical practice and medical research: a theroretical analysis of predicators, indicators, and health index. *International Journal of Bio-medical Computing*, **1974**, 5, 301-9		9