

# Simon P Harding

## List of Publications by Year in descending order

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97  
papers

6,200  
citations

126708

33  
h-index

69108

77  
g-index

99  
all docs

99  
docs citations

99  
times ranked

6491  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ranibizumab versus Bevacizumab to Treat Neovascular Age-related Macular Degeneration. <i>Ophthalmology</i> , 2012, 119, 1399-1411.	2.5	724
2	Seven new loci associated with age-related macular degeneration. <i>Nature Genetics</i> , 2013, 45, 433-439.	9.4	687
3	Safety and Efficacy of Ranibizumab in Diabetic Macular Edema (RESOLVE Study). <i>Diabetes Care</i> , 2010, 33, 2399-2405.	4.3	656
4	Alternative treatments to inhibit VEGF in age-related choroidal neovascularisation: 2-year findings of the IVAN randomised controlled trial. <i>Lancet, The</i> , 2013, 382, 1258-1267.	6.3	623
5	Incidence of sight-threatening retinopathy in patients with type 2 diabetes in the Liverpool Diabetic Eye Study: a cohort study. <i>Lancet, The</i> , 2003, 361, 195-200.	6.3	261
6	MALARIAL RETINOPATHY: A NEWLY ESTABLISHED DIAGNOSTIC SIGN IN SEVERE MALARIA. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006, 75, 790-797.	0.6	261
7	Prognostic Significance and Course of Retinopathy in Children With Severe Malaria. <i>JAMA Ophthalmology</i> , 2004, 122, 1141.	2.6	166
8	Perfusion Abnormalities in Children with Cerebral Malaria and Malarial Retinopathy. <i>Journal of Infectious Diseases</i> , 2009, 199, 263-271.	1.9	162
9	Verteporfin Photodynamic Therapy Cohort Study: Report 1: Effectiveness and Factors Influencing Outcomes. <i>Ophthalmology</i> , 2009, 116, e1-e8.	2.5	127
10	Malarial retinopathy: a newly established diagnostic sign in severe malaria. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006, 75, 790-7.	0.6	126
11	Oral acyclovir in herpes zoster ophthalmicus. <i>Current Eye Research</i> , 1991, 10, 177-182.	0.7	121
12	Neutrophil extracellular traps drive inflammatory pathogenesis in malaria. <i>Science Immunology</i> , 2019, 4, .	5.6	108
13	Polypoidal Choroidal Vasculopathy Masquerading as Neovascular Age-Related Macular Degeneration Refractory to Ranibizumab. <i>American Journal of Ophthalmology</i> , 2010, 150, 666-673.	1.7	95
14	A review of the spectrum of clinical ocular fundus findings in <i>P. falciparum</i> malaria in African children with a proposed classification and grading system. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1999, 93, 619-622.	0.7	94
15	Detection of raised intracranial pressure by ultrasound measurement of optic nerve sheath diameter in African children. <i>Tropical Medicine and International Health</i> , 2008, 13, 1400-1404.	1.0	84
16	Cerebral malaria in children: using the retina to study the brain. <i>Brain</i> , 2014, 137, 2119-2142.	3.7	81
17	Genome-wide association study of age-related macular degeneration identifies associated variants in the TNXBâ€“FKBPLâ€“NOTCH4 region of chromosome 6p21.3. <i>Human Molecular Genetics</i> , 2012, 21, 4138-4150.	1.4	80
18	Clinical Effectiveness of Intravitreal Therapy With Ranibizumab vs Aflibercept vs Bevacizumab for Macular Edema Secondary to Central Retinal Vein Occlusion. <i>JAMA Ophthalmology</i> , 2019, 137, 1256.	1.4	80

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19	Retinal Vessel Segmentation: An Efficient Graph Cut Approach with Retinex and Local Phase. PLoS ONE, 2015, 10, e0122332.	1.1	78
20	Genetic influences on plasma CFH and CFHR1 concentrations and their role in susceptibility to age-related macular degeneration. Human Molecular Genetics, 2013, 22, 4857-4869.	1.4	77
21	Automated Segmentation of Foveal Avascular Zone in Fundus Fluorescein Angiography. , 2010, 51, 3653.		75
22	Photodynamic Therapy for Angioid Streaks. Ophthalmology, 2007, 114, 1592-1592.e1.	2.5	71
23	Effects of Topically Administered Neuroprotective Drugs in Early Stages of Diabetic Retinopathy: Results of the EUROCONDOR Clinical Trial. Diabetes, 2019, 68, 457-463.	0.3	69
24	Using malarial retinopathy to improve the classification of children with cerebral malaria. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2008, 102, 1089-1094.	0.7	66
25	Cost-effectiveness of ranibizumab and bevacizumab for age-related macular degeneration: 2-year findings from the IVAN randomised trial. BMJ Open, 2014, 4, e005094-e005094.	0.8	66
26	Computerized Assessment of Intraretinal and Subretinal Fluid Regions in Spectral-Domain Optical Coherence Tomography Images of the Retina. American Journal of Ophthalmology, 2013, 155, 277-286.e1.	1.7	62
27	A randomised controlled trial to assess the clinical effectiveness and cost-effectiveness of alternative treatments to Inhibit VEGF in Age-related choroidal Neovascularisation (IVAN). Health Technology Assessment, 2015, 19, 1-298.	1.3	62
28	Pharmacogenetic Associations with Vascular Endothelial Growth Factor Inhibition in Participants with Neovascular Age-related Macular Degeneration in the IVAN Study. Ophthalmology, 2013, 120, 2637-2643.	2.5	59
29	Age-related macular degeneration: the importance of family history as a risk factor. British Journal of Ophthalmology, 2012, 96, 427-431.	2.1	58
30	Prevalence of diabetic retinopathy, cataract and visual impairment in patients with diabetes in sub-Saharan Africa. British Journal of Ophthalmology, 2012, 96, 156-161.	2.1	50
31	Improving the cost-effectiveness of photographic screening for diabetic macular oedema: a prospective, multi-centre, UK study. British Journal of Ophthalmology, 2014, 98, 1042-1049.	2.1	48
32	Photodynamic therapy in the treatment of subfoveal choroidal neovascularisation. Eye, 2001, 15, 407-412.	1.1	43
33	Intralesional Macular Atrophy in Anti-VEGF Vascular Endothelial Growth Factor Therapy for Age-Related Macular Degeneration in the IVAN Trial. Ophthalmology, 2019, 126, 75-86.	2.5	40
34	A Comprehensive Texture Segmentation Framework for Segmentation of Capillary Non-Perfusion Regions in Fundus Fluorescein Angiograms. PLoS ONE, 2014, 9, e93624.	1.1	35
35	Automated Detection of Leakage in Fluorescein Angiography Images with Application to Malarial Retinopathy. Scientific Reports, 2015, 5, 10425.	1.6	32
36	Two-Year Visual Results for Older Asian Women Treated With Photodynamic Therapy or Bevacizumab for Myopic Choroidal Neovascularization. American Journal of Ophthalmology, 2010, 149, 1014-1015.	1.7	29

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37	Living with age-related macular degeneration treatment: Patient experiences of being treated with ranibizumab (Lucentis) (R) intravitreal injections. <i>British Journal of Visual Impairment</i> , 2013, 31, 89-101.	0.5	29
38	Individualised variable-interval risk-based screening for sight-threatening diabetic retinopathy: the Liverpool Risk Calculation Engine. <i>Diabetologia</i> , 2017, 60, 2174-2182.	2.9	29
39	Mycophenolate Mofetil as an Immunosuppressive Agent in Refractory Inflammatory Eye Disease. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2006, 22, 168-175.	0.6	26
40	Metformin, A Potential Role in Age-Related Macular Degeneration: A Systematic Review and Meta-Analysis. <i>Ophthalmology and Therapy</i> , 2021, 10, 245-260.	1.0	26
41	Neurovascular sequestration in paediatric <i>P. falciparum</i> malaria is visible clinically in the retina. <i>ELife</i> , 2018, 7, .	2.8	24
42	Safety and cost-effectiveness of individualised screening for diabetic retinopathy: the ISDR open-label, equivalence RCT. <i>Diabetologia</i> , 2021, 64, 56-69.	2.9	22
43	No evidence of association between complement factor I genetic variant rs10033900 and age-related macular degeneration. <i>European Journal of Human Genetics</i> , 2012, 20, 1-2.	1.4	21
44	Prevalence of Raised Intracranial Pressure in Cerebral Malaria Detected by Optic Nerve Sheath Ultrasound. <i>American Journal of Tropical Medicine and Hygiene</i> , 2012, 87, 985-988.	0.6	20
45	Long-term Visual Outcomes after Release from Protocol in Patients who Participated in the Inhibition of VEGF in Age-related Choroidal Neovascularisation (IVAN) Trial. <i>Ophthalmology</i> , 2020, 127, 1191-1200.	2.5	20
46	The Effect of Quinine on the Electroretinograms of Children with Pediatric Cerebral Malaria. <i>Journal of Infectious Diseases</i> , 2003, 187, 1342-1345.	1.9	19
47	Individualised screening for diabetic retinopathy: the ISDR study—rationale, design and methodology for a randomised controlled trial comparing annual and individualised risk-based variable-interval screening. <i>BMJ Open</i> , 2019, 9, e025788.	0.8	18
48	How Does Blood-Retinal Barrier Breakdown Relate to Death and Disability in Pediatric Cerebral Malaria?. <i>Journal of Infectious Diseases</i> , 2022, 225, 1070-1080.	1.9	18
49	Automated Detection of Vessel Abnormalities on Fluorescein Angiogram in Malarial Retinopathy. <i>Scientific Reports</i> , 2015, 5, 11154.	1.6	17
50	Multimodal Imaging and Spatial Analysis of Ebola Retinal Lesions in 14 Survivors of Ebola Virus Disease. <i>JAMA Ophthalmology</i> , 2018, 136, 689.	1.4	17
51	Deficits in the electroretinogram in neovascular age-related macular degeneration and changes during photodynamic therapy. <i>Documenta Ophthalmologica</i> , 2007, 115, 69-76.	1.0	16
52	Personalized risk-based screening for diabetic retinopathy: A multivariate approach versus the use of stratification rules. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 560-568.	2.2	16
53	Extracts from "Concise Clinical Evidence": Diabetic retinopathy * Commentary: Treatment of diabetic retinopathy. <i>BMJ: British Medical Journal</i> , 2003, 326, 1023-1025.	2.4	15
54	Grading fluorescein angiograms in malarial retinopathy. <i>Malaria Journal</i> , 2015, 14, 367.	0.8	15

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55	Automated Detection of Malarial Retinopathy in Digital Fundus Images for Improved Diagnosis in Malawian Children with Clinically Defined Cerebral Malaria. <i>Scientific Reports</i> , 2017, 7, 42703.	1.6	15
56	Safety of lumbar puncture in comatose children with clinical features of cerebral malaria. <i>Neurology</i> , 2016, 87, 2355-2362.	1.5	14
57	Cerebral malaria: insight into pathology from optical coherence tomography. <i>Scientific Reports</i> , 2021, 11, 15722.	1.6	13
58	Verteporfin Photodynamic Therapy Cohort Study. <i>Ophthalmology</i> , 2009, 116, 2471-2477.e2.	2.5	12
59	Verteporfin Photodynamic Therapy Cohort Study. <i>Ophthalmology</i> , 2009, 116, 2463-2470.	2.5	12
60	Early Multifocal Electroretinogram Findings during Intravitreal Ranibizumab Treatment for Neovascular Age-Related Macular Degeneration. , 2011, 52, 3446.		11
61	First Prospective Cohort Study of Diabetic Retinopathy from Sub-Saharan Africa. <i>Ophthalmology</i> , 2016, 123, 1919-1925.	2.5	11
62	Spatial statistical modelling of capillary non-perfusion in the retina. <i>Scientific Reports</i> , 2017, 7, 16792.	1.6	11
63	Radial shape discrimination testing for new-onset neovascular age-related macular degeneration in at-risk eyes. <i>PLoS ONE</i> , 2018, 13, e0207342.	1.1	10
64	Evolving Longitudinal Retinal Observations in a Cohort of Survivors of Ebola Virus Disease. <i>JAMA Ophthalmology</i> , 2020, 138, 395.	1.4	10
65	The Usefulness of Serum Biomarkers in the Early Stages of Diabetic Retinopathy: Results of the EUROCONDOR Clinical Trial. <i>Journal of Clinical Medicine</i> , 2020, 9, 1233.	1.0	10
66	Intravitreal ranibizumab versus aflibercept versus bevacizumab for macular oedema due to central retinal vein occlusion: the LEAVO non-inferiority three-arm RCT. <i>Health Technology Assessment</i> , 2021, 25, 1-196.	1.3	10
67	Finding Temporal Patterns in Noisy Longitudinal Data: A Study in Diabetic Retinopathy. <i>Lecture Notes in Computer Science</i> , 2010, , 418-431.	1.0	10
68	Is it time for a national screening programme for sight-threatening diabetic retinopathy?. <i>Eye</i> , 1999, 13, 129-130.	1.1	9
69	Effectiveness of Community versus Hospital Eye Service follow-up for patients with neovascular age-related macular degeneration with quiescent disease (ECHOES): a virtual non-inferiority trial. <i>BMJ Open</i> , 2016, 6, e010685.	0.8	9
70	The Effectiveness, cost-effectiveness and acceptability of Community versus Hospital Eye Service follow-up for patients with neovascular age-related macular degeneration with quiescent disease (ECHOES): a virtual randomised balanced incomplete block trial. <i>Health Technology Assessment</i> , 2016, 20, 1-120.	1.3	9
71	Standardization of choroidal thickness measurements using enhanced depth imaging optical coherence tomography. <i>International Journal of Ophthalmology</i> , 2015, 8, 484-91.	0.5	9
72	The English national risk-reduction programme for preservation of sight in diabetes. <i>Molecular and Cellular Biochemistry</i> , 2004, 261, 183-185.	1.4	7

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73	Hospital-based primary care centres in ophthalmology. <i>Eye</i> , 1997, 11, 1-2.	1.1	6
74	Localised release of matrix metallopeptidase 8 in fatal cerebral malaria. <i>Clinical and Translational Immunology</i> , 2021, 10, e1263.	1.7	6
75	Visual risk factors for falls in older adults: a case-control study. <i>BMC Geriatrics</i> , 2022, 22, 134.	1.1	6
76	Multifocal electroretinography as a predictor of maintenance of vision after photodynamic therapy for neovascular age-related macular degeneration. <i>Documenta Ophthalmologica</i> , 2008, 116, 13-18.	1.0	5
77	A new constrained total variational deblurring model and its fast algorithm. <i>Numerical Algorithms</i> , 2015, 69, 415-441.	1.1	5
78	Automated Detection of Malarial Retinopathy in Retinal Fundus Images obtained in Clinical Settings. , 2018, 2018, 5950-5953.		5
79	Incidence and progression of diabetic retinopathy in Sub-Saharan Africa: A five year cohort study. <i>PLoS ONE</i> , 2017, 12, e0181359.	1.1	5
80	Early Worsening of Retinopathy in Type 1 and Type 2 Diabetes After Rapid Improvement in Glycaemic Control: A Systematic Review. <i>Diabetes Therapy</i> , 2022, 13, 1-23.	1.2	5
81	Optical coherence tomography analysis of bilateral end-stage choroidal neovascularization where one eye is treated with photodynamic therapy. <i>Clinical and Experimental Ophthalmology</i> , 2007, 35, 13-17.	1.3	4
82	Personalising screening of sight-threatening diabetic retinopathy - qualitative evidence to inform effective implementation. <i>BMC Public Health</i> , 2020, 20, 881.	1.2	4
83	Incidence of sight-threatening diabetic retinopathy in an established urban screening programme: An 11-year cohort study. <i>Diabetic Medicine</i> , 2021, 38, e14583.	1.2	4
84	Long-term Retinal Morphology and Functional Associations in Treated Neovascular Age-Related Macular Degeneration. <i>Ophthalmology Retina</i> , 2022, 6, 664-675.	1.2	4
85	Feasibility of LDF Measurements of Optic Nerve Head Blood Flow in Children with Cerebral Malaria. <i>Microvascular Research</i> , 2002, 64, 247-253.	1.1	3
86	New classification of acute papilledema in children with severe malaria. <i>Journal of Pediatric Neurology</i> , 2015, 07, 381-388.	0.0	3
87	Bevacizumab: a word of caution. <i>Canadian Journal of Ophthalmology</i> , 2007, 42, 760-761.	0.4	2
88	Individual risk assessment and information technology to optimise screening frequency for diabetic retinopathy by Aspelund et al. (2011) <i>Diabetologia</i> 54:2525-2532. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2012, 250, 477-478.	1.0	2
89	Reply: Retinopathy, histidine-rich protein-2 and perfusion pressure in cerebral malaria. <i>Brain</i> , 2014, 137, e299-e299.	3.7	1
90	Spatial and spatio-temporal statistical analyses of retinal images: a review of methods and applications. <i>BMJ Open Ophthalmology</i> , 2020, 5, e000479.	0.8	1

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91	Diabetic retinopathy. Clinical Evidence, 2006, , 900-7.	0.2	1
92	Imaging of retinal whitening in retinal vein occlusion may shed light on malarial retinopathy. European Journal of Ophthalmology, 2012, 22, 868-868.	0.7	0
93	Delayed visual evoked potentials in children with Plasmodium falciparum malaria and reduced consciousness. Journal of Pediatric Neurology, 2015, 06, 017-024.	0.0	0
94	Reply. Ophthalmology, 2019, 126, e72-e73.	2.5	0
95	Diabetic retinopathy. Clinical Evidence, 2003, , 718-28.	0.2	0
96	Diabetic retinopathy. Clinical Evidence, 2004, , 848-59.	0.2	0
97	Diabetic retinopathy. Clinical Evidence, 2004, , 939-50.	0.2	0