Anthony G Robson

List of Publications by Citations

109 papers	3,527 citations	29 h-index	56 g-index
116 ext. papers	4,271 ext. citations	4.7 avg, IF	5.2 L-index

#	Paper	IF	Citations
109	Phase 1 clinical study of an embryonic stem cell-derived retinal pigment epithelium patch in age-related macular degeneration. *Nature Biotechnology*, **2018**, 36, 328-337	44.5	311
108	Biallelic mutation of BEST1 causes a distinct retinopathy in humans. *American Journal of Human Genetics*, **2008**, 82, 19-31	11	221
107	Congenital stationary night blindness: an analysis and update of genotype-phenotype correlations and pathogenic mechanisms. *Progress in Retinal and Eye Research*, **2015**, 45, 58-110	20.5	198
106	ISCEV guide to visual electrodiagnostic procedures. *Documenta Ophthalmologica*, **2018**, 136, 1-26	2.2	137
105	Clinical and molecular characteristics of childhood-onset Stargardt disease. *Ophthalmology*, **2015**, 122, 326-34	7.3	111
104	Functional characteristics of patients with retinal dystrophy that manifest abnormal parafoveal annuli of high density fundus autofluorescence; a review and update. *Documenta Ophthalmologica*, **2008**, 116, 79-89	2.2	111
103	Functional characterisation and serial imaging of abnormal fundus autofluorescence in patients with retinitis pigmentosa and normal visual acuity. *British Journal of Ophthalmology*, **2006**, 90, 472-9	5.5	109
102	Pattern ERG correlates of abnormal fundus autofluorescence in patients with retinitis pigmentosa and normal visual acuity. *Investigative Ophthalmology and Visual Science*, **2003**, 44, 3544-50		103
101	Transplantation of Human Embryonic Stem Cell-Derived Retinal Pigment Epithelial Cells in Macular Degeneration. *Ophthalmology*, **2018**, 125, 1765-1775	7.3	101
100	Xanthophyll accumulation in the human retina during supplementation with lutein or zeaxanthin - the LUXEA (LUtein Xanthophyll Eye Accumulation) study. *Archives of Biochemistry and Biophysics*, **2007**, 458, 128-35	4.1	98
99	Macular pigment density and distribution: comparison of fundus autofluorescence with minimum motion photometry. *Vision Research*, **2003**, 43, 1765-75	2.1	97
98	Phenotypic variation in enhanced S-cone syndrome. *Investigative Ophthalmology and Visual Science*, **2008**, 49, 2082-93		91
97	Clinical and molecular analysis of Stargardt disease with preserved foveal structure and function. *American Journal of Ophthalmology*, **2013**, 156, 487-501.e1	4.9	84
96	Comparison of fundus autofluorescence with photopic and scotopic fine-matrix mapping in patients with retinitis pigmentosa and normal visual acuity. *Investigative Ophthalmology and Visual Science*, **2004**, 45, 4119-25		75
95	ISCEV Standard for clinical electro-oculography (2017 update). *Documenta Ophthalmologica*, **2017**, 134, 1-9	2.2	72
94	Phenotypic variability in RDH5 retinopathy (Fundus Albipunctatus). *Ophthalmology*, **2011**, 118, 1661-70	7.3	68
93	Serial imaging and structure-function correlates of high-density rings of fundus autofluorescence in retinitis pigmentosa. *Retina*, **2011**, 31, 1670-9	3.6	63

92	RP1L1 variants are associated with a spectrum of inherited retinal diseases including retinitis pigmentosa and occult macular dystrophy. *Human Mutation*, **2013**, 34, 506-14	4.7	62
91	Functional correlates of fundus autofluorescence abnormalities in patients with RPGR or RIMS1 mutations causing cone or cone rod dystrophy. *British Journal of Ophthalmology*, **2008**, 92, 95-102	5.5	60
90	Detailed phenotypic and genotypic characterization of bietti crystalline dystrophy. *Ophthalmology*, **2014**, 121, 1174-84	7.3	59
89	"Cone dystrophy with supernormal rod electroretinogram": a comprehensive genotype/phenotype study including fundus autofluorescence and extensive electrophysiology. *Retina*, **2010**, 30, 51-62	3.6	57
88	Biallelic variants in TTLL5, encoding a tubulin glutamylase, cause retinal dystrophy. *American Journal of Human Genetics*, **2014**, 94, 760-9	11	52
87	Leber Congenital Amaurosis Associated with Mutations in CEP290, Clinical Phenotype, and Natural History in Preparation for Trials of Novel Therapies. *Ophthalmology*, **2018**, 125, 894-903	7.3	46
86	The phenotypic variability of retinal dystrophies associated with mutations in CRX, with report of a novel macular dystrophy phenotype. *Investigative Ophthalmology and Visual Science*, **2014**, 55, 6934-44		42
85	Early Patterns of Macular Degeneration in ABCA4-Associated Retinopathy. *Ophthalmology*, **2018**, 125, 735-746	7.3	40
84	A clinical and molecular characterisation of CRB1-associated maculopathy. *European Journal of Human Genetics*, **2018**, 26, 687-694	5.3	36
83	Childhood-onset autosomal recessive bestrophinopathy. *JAMA Ophthalmology*, **2011**, 129, 1088-93		36
82	Nonsense mutation in TMEM126A causing autosomal recessive optic atrophy and auditory neuropathy. *Molecular Vision*, **2010**, 16, 650-64	2.3	36
81	Deep Phenotyping of PDE6C-Associated Achromatopsia **2019**, 60, 5112-5123		31
80	SSBP1 mutations in dominant optic atrophy with variable retinal degeneration. *Annals of Neurology*, **2019**, 86, 368-383	9.4	29
79	Assessment of patients with suspected non-organic visual loss using pattern appearance visual evoked potentials. *Graefels Archive for Clinical and Experimental Ophthalmology*, **2007**, 245, 502-10	3.8	29
78	Comparison of fundus autofluorescence with photopic and scotopic fine matrix mapping in patients with retinitis pigmentosa: 4- to 8-year follow-up **2012**, 53, 6187-95		28
77	ISCEV extended protocol for the photopic On-Off ERG. *Documenta Ophthalmologica*, **2018**, 136, 199-206	2.2	28
76	ISCEV standard for clinical multifocal electroretinography (mfERG) (2021 update). *Documenta Ophthalmologica*, **2021**, 142, 5-16	2.2	27
75	Lack of Interphotoreceptor Retinoid Binding Protein Caused by Homozygous Mutation of RBP3 Is Associated With High Myopia and Retinal Dystrophy **2015**, 56, 2358-65		26

74	Selective stimulation of colour mechanisms: an empirical perspective. *Spatial Vision*, **1997**, 10, 379-402		26
73	Phenotype and Progression of Retinal Degeneration Associated With Nullizigosity of ABCA4 **2016**, 57, 4668-78		24
72	GUCY2D-Associated Leber Congenital Amaurosis: A Retrospective Natural History Study in Preparation for Trials of Novel Therapies. *American Journal of Ophthalmology*, **2020**, 210, 59-70	4.9	23
71	Comparing rod and cone function with fundus autofluorescence images in retinitis pigmentosa. *Advances in Experimental Medicine and Biology*, **2003**, 533, 41-7	3.6	23
70	Macular pigment and the colour-specificity of visual evoked potentials. *Vision Research*, **1998**, 38, 3241-5	2.1	22
69	The Effect on Retinal Structure and Function of 15 Specific ABCA4 Mutations: A Detailed Examination of 82 Hemizygous Patients **2016**, 57, 5963-5973		22
68	Unilateral BEST1-Associated Retinopathy. *American Journal of Ophthalmology*, **2016**, 169, 24-32	4.9	21
67	Unilateral electronegative ERG of non-vascular aetiology. *British Journal of Ophthalmology*, **2005**, 89, 1620-6	5.5	21
66	ISCEV extended protocol for the stimulus-response series for light-adapted full-field ERG. *Documenta Ophthalmologica*, **2019**, 138, 205-215	2.2	20
65	ISCEV extended protocol for the dark-adapted red flash ERG. *Documenta Ophthalmologica*, **2018**, 136, 191-197	2.2	20
64	Missense variants in the X-linked gene PRPS1 cause retinal degeneration in females. *Human Mutation*, **2018**, 39, 80-91	4.7	19
63	The pattern of retinal ganglion cell dysfunction in Leber hereditary optic neuropathy. *Mitochondrion*, **2017**, 36, 138-149	4.9	19
62	Comparison of fundus autofluorescence and minimum-motion measurements of macular pigment distribution profiles derived from identical retinal areas. *Perception*, **2005**, 34, 1029-34	1.2	19
61	Clinical Characterization of CNGB1-Related Autosomal Recessive Retinitis Pigmentosa. *JAMA Ophthalmology*, **2017**, 135, 137-144	3.9	17
60	Juvenile Batten Disease (CLN3): Detailed Ocular Phenotype, Novel Observations, Delayed Diagnosis, Masquerades, and Prospects for Therapy. *Ophthalmology Retina*, **2020**, 4, 433-445	3.8	17
59	ISCEV extended protocol for the S-cone ERG. *Documenta Ophthalmologica*, **2020**, 140, 95-101	2.2	17
58	Preserved visual function in retinal dystrophy due to hypomorphic mutations. *British Journal of Ophthalmology*, **2016**, 100, 1499-1505	5.5	17
57	The X-linked retinopathies: Physiological insights, pathogenic mechanisms, phenotypic features and novel therapies. *Progress in Retinal and Eye Research*, **2021**, 82, 100898	20.5	17

56	A detailed phenotypic description of autosomal dominant cone dystrophy due to a de novo mutation in the GUCY2D gene. *Eye*, **2014**, 28, 481-7	4.4	15
55	Macular pigment assessment using a colour monitor. *Color Research and Application*, **2001**, 26, S261-S263	1.3	15
54	retinopathy: clinical features, molecular genetics and directions for future therapy. *Ophthalmic Genetics*, **2020**, 41, 208-215	1.2	15
53	Reevaluation of the Retinal Dystrophy Due to Recessive Alleles of RGR With the Discovery of a Cis-Acting Mutation in CDHR1 **2016**, 57, 4806-13		15
52	Ocular manifestations of microcephaly with or without chorioretinopathy, lymphedema or intellectual disability (MCLID) syndrome associated with mutations in KIF11. *Acta Ophthalmologica*, **2016**, 94, 92-8	3.7	15
51	Biallelic Mutation of ARHGEF18, Involved in the Determination of Epithelial Apicobasal Polarity, Causes Adult-Onset Retinal Degeneration. *American Journal of Human Genetics*, **2017**, 100, 334-342	11	14
50	ISCEV extended protocol for the stimulus-response series for the dark-adapted full-field ERG b-wave. *Documenta Ophthalmologica*, **2019**, 138, 217-227	2.2	14
49	Paediatric Electrophysiology: A Practical Approach **2006**, 133-155		14
48	Clinical and Molecular Characterization of Familial Exudative Vitreoretinopathy Associated With Microcephaly. *American Journal of Ophthalmology*, **2019**, 207, 87-98	4.9	13
47	Outcomes Associated With Sustained-Release Intraocular Fluocinolone Implants in a Case of Melanoma-Associated Retinopathy Treated Without Systemic Immunosuppression. *JAMA Ophthalmology*, **2019**, 137, 564-567	3.9	13
46	The value of two-field pattern electroretinogram in routine clinical electrophysiologic practice. *Retina*, **2012**, 32, 588-99	3.6	13
45	ISCEV Standard for full-field clinical electroretinography (2022 update).. *Documenta Ophthalmologica*, **2022**, 1	2.2	13
44	Clinical heterogeneity in a family with mutations in USH2A. *JAMA Ophthalmology*, **2015**, 133, 352-5	3.9	12
43	NORMAL ELECTROOCULOGRAPHY IN BEST DISEASE AND AUTOSOMAL RECESSIVE BESTROPHINOPATHY. *Retina*, **2018**, 38, 379-386	3.6	11
42	ELECTROPHYSIOLOGICAL CHARACTERIZATION OF MACULAR TELANGIECTASIA TYPE 2 AND STRUCTURE-FUNCTION CORRELATION. *Retina*, **2018**, 38 Suppl 1, S33-S42	3.6	11
41	Disease Expression in Autosomal Recessive Retinal Dystrophy Associated With Mutations in the DRAM2 Gene **2015**, 56, 8083-90		11
40	Measurement of macular pigment optical density and distribution using the steady-state visual evoked potential. *Visual Neuroscience*, **2008**, 25, 575-83	1.7	11
39	Chromatic VEP assessment of human macular pigment: comparison with minimum motion and minimum flicker profiles. *Visual Neuroscience*, **2006**, 23, 275-83	1.7	11

38	Unilateral pigmentary retinopathy: a retrospective case series. *Acta Ophthalmologica*, **2019**, 97, e601-e617	3.7	11
37	Autosomal Recessive Bestrophinopathy: Clinical Features, Natural History, and Genetic Findings in Preparation for Clinical Trials. *Ophthalmology*, **2021**, 128, 706-718	7.3	11
36	Retinopathy Associated with Biallelic Mutations in PYGM (McArdle Disease). *Ophthalmology*, **2019**, 126, 320-322	7.3	10
35	PIGMENTED PARAVENOUS CHORIORETINAL ATROPHY: Detailed Clinical Study of a Large Cohort. *Retina*, **2019**, 39, 514-529	3.6	9
34	The Macular Assessment Profile test - a new VDU-based technique for measuring the spatial distribution of the macular pigment, lens density and rapid flicker sensitivity. *Ophthalmic and Physiological Optics*, **2010**, 30, 470-83	4.1	7
33	Objective assessment of chromatic and achromatic pattern adaptation reveals the temporal response properties of different visual pathways. *Visual Neuroscience*, **2012**, 29, 301-13	1.7	7
32	KCNV2-Associated Retinopathy: Genetics, Electrophysiology, and Clinical Course-KCNV2 Study Group Report 1. *American Journal of Ophthalmology*, **2021**, 225, 95-107	4.9	7
31	Jalili Syndrome: Cross-sectional and Longitudinal Features of Seven Patients With Cone-Rod Dystrophy and Amelogenesis Imperfecta. *American Journal of Ophthalmology*, **2018**, 188, 123-130	4.9	6
30	Enhanced S-Cone Syndrome: Spectrum of Clinical, Imaging, Electrophysiologic, and Genetic Findings in a Retrospective Case Series of 56 Patients. *Ophthalmology Retina*, **2021**, 5, 195-214	3.8	6
29	Delineating the expanding phenotype associated with SCAPER gene mutation. *American Journal of Medical Genetics, Part A*, **2019**, 179, 1665-1671	2.5	5
28	Spatial, temporal and chromatic channels: electrophysiological foundations. *Journal of Optical Technology (A Translation of Opticheskii Zhurnal)*, **1999**, 66, 797	0.9	5
27	A genetic and clinical study of individuals with nonsyndromic retinopathy consequent upon sequence variants in HGSNAT, the gene associated with Sanfilippo C mucopolysaccharidosis. *American Journal of Medical Genetics, Part C: Seminars in Medical Genetics*, **2020**, 184, 631-643	3.1	5
26	Spatial Functional Characteristics of East Asian Patients With Occult Macular Dystrophy (Miyake Disease); EAOMD Report No. 2. *American Journal of Ophthalmology*, **2021**, 221, 169-180	4.9	5
25	Isolated rod dysfunction associated with a novel genotype of. *American Journal of Ophthalmology Case Reports*, **2019**, 14, 83-86	1.3	4
24	Rod-cone dystrophy associated with the Gly167Asp variant in PRPH2. *Ophthalmic Genetics*, **2019**, 40, 188-189	1.2	4
23	Macula-predominant retinopathy associated with biallelic variants in. *Ophthalmic Genetics*, **2020**, 41, 612-615	1.2	4
22	Clinical and Genetic Findings in CTNNA1-Associated Macular Pattern Dystrophy. *Ophthalmology*, **2021**, 128, 952-955	7.3	4
21	A NOVEL CASE SERIES OF NMNAT1-ASSOCIATED EARLY-ONSET RETINAL DYSTROPHY: EXTENDING THE PHENOTYPIC SPECTRUM. *Retinal Cases and Brief Reports*, **2021**, 15, 139-144	1.1	4

20	The effect of pattern adaptation on chromatic and achromatic visual evoked potentials. *Color Research and Application*, **2001**, 26, S133-S135	1.3	3
19	Integration Times Reveal Mechanisms Responding to Isoluminant Chromatic Gratings: A Two-Centre Visual Evoked Potential Study **2003**, 130-137		3
18	Electrophysiological and Structural Changes in Chinese Patients with LHON. *Journal of Ophthalmology*, **2020**, 2020, 4734276	2	3
17	Ceramide synthase TLCD3B is a novel gene associated with human recessive retinal dystrophy. *Genetics in Medicine*, **2021**, 23, 488-497	8.1	3
16	Congenital high myopia and central macular atrophy: a report of 3 families. *Eye*, **2015**, 29, 936-42	4.4	2
15	Exome sequencing reveals ADAM9 mutations in a child with cone-rod dystrophy. *Acta Ophthalmologica*, **2015**, 93, e392-3	3.7	2
14	A clinical study of patients with novel CDHR1 genotypes associated with late-onset macular dystrophy. *Eye*, **2021**, 35, 1482-1489	4.4	2
13	Retinal Ganglion Cell Dysfunction in Regular Cannabis Users: Is the Evidence Strong Enough to Consider an Association?. *JAMA Ophthalmology*, **2017**, 135, 60-61	3.9	1
12	Chapter 14 Genetically determined disorders of retinal function. *Handbook of Clinical Neurophysiology*, **2005**, 5, 271-294		1
11	Selective stimulation of colour vision in humans. *Documenta Ophthalmologica Proceedings Series*, **1997**, 141-150		1
10	KCNV2-Associated Retinopathy: Detailed Retinal Phenotype and Structural Endpoints-KCNV2 Study Group Report 2. *American Journal of Ophthalmology*, **2021**, 230, 1-11	4.9	1
9	Extending the phenotypic spectrum of PRPF8, PRPH2, RP1 and RPGR, and the genotypic spectrum of early-onset severe retinal dystrophy. *Orphanet Journal of Rare Diseases*, **2021**, 16, 128	4.2	1
8	Ophthalmological Manifestations of Oculocutaneous and Ocular Albinism: Current Perspectives. *Clinical Ophthalmology*,Volume 16, 1569-1587	2.5	1
7	Structural and Functional Characteristics of Color Vision Changes in Choroideremia. *Frontiers in Neuroscience*, **2021**, 15, 729807	5.1	0
6	Long-term follow-up of a case of posterior microphthalmos (PRSS56) with hyperautofluorescent retinal pigment epithelial deposits. *European Journal of Ophthalmology*, **2020**, 1120672120949756	1.9	0
5	Electrophysiology as a prognostic indicator of visual recovery in diabetic patients undergoing cataract surgery. *Graefels Archive for Clinical and Experimental Ophthalmology*, **2021**, 259, 1879-1887	3.8	0
4	Electrophysiology in neuro-ophthalmology. *Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn*, **2021**, 178, 79-96	3	0
3	Variability of retinopathy consequent upon novel mutations in LAMA1. *Ophthalmic Genetics*,1-8	1.2	0

2	Research news article on frequent cannabis and nerve transmission was unbalanced. *BMJ, The*, **2017**, 356, j313	5.9
1	Author reply: To PMID 24480711. *Ophthalmology*, **2015**, 122, e22	7.3