

Jost B Jonas

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

586
papers

64,842
citations

92
h-index

247
g-index

689
ext. papers

78,940
ext. citations

6.6
avg, IF

7.25
L-index

#	Paper	IF	Citations
586	Globally optimal OCT surface segmentation using a constrained IPM optimization.. <i>Optics Express</i> , 2022 , 30, 2453-2471	3.2	1
585	Deep Learning Automated Diagnosis and Quantitative Classification of Cataract Type and Severity.. <i>Ophthalmology</i> , 2022 ,	7	1
584	Detecting visually significant cataract using retinal photograph-based deep learning. <i>Nature Aging</i> , 2022 , 2, 264-271		1
583	GUNNß DOTS AS INDICATORS OF RENAL FUNCTION, FINDINGS FROM THE TONGREN HEALTH CARE STUDY.. <i>Retina</i> , 2022 , 42, 789-796	3.4	0
582	Prevalence of metabolic syndrome in a Russian population: The Ural Eye and Medical Study and the Ural Very Old Study.. <i>Metabolism Open</i> , 2022 , 14, 100183	2.6	
581	Epiregulin, epigen and betacellulin antibodies and axial elongation in young guinea pigs with lens-induced myopization.. <i>BMC Ophthalmology</i> , 2022 , 22, 193	2.3	1
580	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation.. <i>Nature Genetics</i> , 2022 ,	35.2	7
579	Artificial Intelligence for Screening of Multiple Retinal and Optic Nerve Diseases.. <i>JAMA Network Open</i> , 2022 , 5, e229960	10.1	1
578	Prevalence of non-alcoholic fatty liver disease in the Russian Ural Eye and Medical Study and the Ural Very Old Study.. <i>Scientific Reports</i> , 2022 , 12, 7842	4.7	0
577	Concurrent vision and hearing impairment associated with cognitive dysfunction in a population aged 85+ years: the Ural Very Old Study.. <i>BMJ Open</i> , 2022 , 12, e058464	2.9	
576	Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. <i>Communications Biology</i> , 2022 , 5,	6.5	1
575	Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. <i>Molecular Psychiatry</i> , 2021 , 26, 2111-2125	14.6	3
574	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021 ,	47.5	24
573	Albuminuria and retinal vessel density in diabetes without diabetic retinopathy: the Kailuan Eye Study. <i>Acta Ophthalmologica</i> , 2021 , 99, e669-e678	3.5	1
572	Histology of neovascular myopic macular degeneration. <i>Scientific Reports</i> , 2021 , 11, 21908	4.7	0
571	PROGRESSION OF MYOPIC MACULOPATHY IN CHINESE CHILDREN WITH HIGH MYOPIA: A Long-Term Follow-Up Study. <i>Retina</i> , 2021 , 41, 1502-1511	3.4	2
570	Prevalence and Associated Factors of Diabetic Retinopathy in a Russian Population. The Ural Eye and Medical Study. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2021 , 14, 4723-4734	3.3	1

569	Imaging of Retina and Choroid in Guinea Pigs.. <i>Frontiers in Medicine</i> , 2021 , 8, 730494	4.7	0
568	Genetic Variants Associated With Human Eye Size Are Distinct From Those Conferring Susceptibility to Myopia 2021 , 62, 24		0
567	Isolated diastolic hypertension as defined by the 2017 American College of Cardiology/American Heart Association blood pressure guideline and incident cardiovascular events in Chinese. <i>Journal of Hypertension</i> , 2021 , 39, 519-525	1.5	6
566	A deep-learning system for the assessment of cardiovascular disease risk via the measurement of retinal-vessel calibre. <i>Nature Biomedical Engineering</i> , 2021 , 5, 498-508	18.5	32
565	Self-reported visual difficulties in Europe and related factors: a European population-based cross-sectional survey. <i>Acta Ophthalmologica</i> , 2021 , 99, 559-568	3.5	2
564	Optic nerve head anatomy in myopia and glaucoma, including parapapillary zones alpha, beta, gamma and delta: Histology and clinical features. <i>Progress in Retinal and Eye Research</i> , 2021 , 83, 100933	19.6	15
563	Prevalence and predictors of myopic macular degeneration among Asian adults: pooled analysis from the Asian Eye Epidemiology Consortium. <i>British Journal of Ophthalmology</i> , 2021 , 105, 1140-1148	5.3	6
562	Highlights from the 2019 International Myopia Summit on Controversies in myopia? <i>British Journal of Ophthalmology</i> , 2021 , 105, 1196-1202	5.3	6
561	Compatibility of intravitreally applied epidermal growth factor and amphiregulin. <i>International Ophthalmology</i> , 2021 , 41, 2053-2063	2.2	0
560	Update and guidance on management of myopia. European Society of Ophthalmology in cooperation with International Myopia Institute. <i>European Journal of Ophthalmology</i> , 2021 , 31, 853-883	1.9	12
559	IMI 2021 Yearly Digest 2021 , 62, 7		6
558	Deep Learning-Based Estimation of Axial Length and Subfoveal Choroidal Thickness From Color Fundus Photographs. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 653692	5.4	1
557	Elongation of the disc-fovea distance and retinal vessel straightening in high myopia in a 10-year follow-up of the Beijing eye study. <i>Scientific Reports</i> , 2021 , 11, 9006	4.7	2
556	IMI 2021 Reports and Digest - Reflections on the Implications for Clinical Practice 2021 , 62, 1		1
555	The influence of axial myopia on optic disc characteristics of glaucoma eyes. <i>Scientific Reports</i> , 2021 , 11, 8854	4.7	4
554	IMI Prevention of Myopia and Its Progression 2021 , 62, 6		23
553	Global Prevalence of Diabetic Retinopathy and Projection of Burden through 2045: Systematic Review and Meta-analysis. <i>Ophthalmology</i> , 2021 , 128, 1580-1591	7	78
552	Intraocular epidermal growth factor concentration, axial length, and high axial myopia. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2021 , 259, 3229-3234	3.7	1

551	Prevalence of Retinal Vein Occlusions and Estimated Cerebrospinal Fluid Pressure: The Kailuan Eye Study. <i>Eye and Brain</i> , 2021 , 13, 147-156	5.6	1
550	Myelinated Retinal Nerve Fiber Progression in a 10-Year Follow-Up. The Beijing Eye Study 2001/2011. <i>American Journal of Ophthalmology</i> , 2021 , 230, 68-74	4.7	
549	IMI Pathologic Myopia 2021 , 62, 5		22
548	Retinal photograph-based deep learning algorithms for myopia and a blockchain platform to facilitate artificial intelligence medical research: a retrospective multicohort study. <i>The Lancet Digital Health</i> , 2021 , 3, e317-e329	14	21
547	Neural Network-Based Retinal Nerve Fiber Layer Profile Compensation for Glaucoma Diagnosis in Myopia: Model Development and Validation. <i>JMIR Medical Informatics</i> , 2021 , 9, e22664	3.5	1
546	Obesity and risk of age-related eye diseases: a systematic review of prospective population-based studies. <i>International Journal of Obesity</i> , 2021 , 45, 1863-1885	5.2	2
545	The trans-ancestral genomic architecture of glycemc traits. <i>Nature Genetics</i> , 2021 , 53, 840-860	35.2	44
544	Automatic Artery/Vein Classification Using a Vessel-Constraint Network for Multicenter Fundus Images. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 659941	5.4	4
543	Near work, screen time, outdoor time and myopia in schoolchildren in the Sunflower Myopia AEEC Consortium. <i>Acta Ophthalmologica</i> , 2021 ,	3.5	4
542	The prevalence of dry eye in a very old population. <i>Acta Ophthalmologica</i> , 2021 ,	3.5	1
541	Reducing the Global Burden of Myopia by Delaying the Onset of Myopia and Reducing Myopic Progression in Children: The Academy's Task Force on Myopia. <i>Ophthalmology</i> , 2021 , 128, 816-826	7	10
540	Evaluation of Shared Genetic Susceptibility to High and Low Myopia and Hyperopia. <i>JAMA Ophthalmology</i> , 2021 , 139, 601-609	3.8	4
539	Peripheral Monocyte Count and Age-Related Macular Degeneration. The Tongren Health Care Study. <i>American Journal of Ophthalmology</i> , 2021 , 227, 143-153	4.7	2
538	Choriocapillaris thickness and density in axially elongated eyes. <i>Acta Ophthalmologica</i> , 2021 , 99, 104-110	3.5	7
537	Digital Screen Time During the COVID-19 Pandemic: Risk for a Further Myopia Boom?. <i>American Journal of Ophthalmology</i> , 2021 , 223, 333-337	4.7	87
536	COVID-19 and the Unfinished Agenda of VISION 2020. <i>American Journal of Ophthalmology</i> , 2021 , 224, 30-35	4.7	5
535	The Lancet Global Health Commission on Global Eye Health: vision beyond 2020. <i>The Lancet Global Health</i> , 2021 , 9, e489-e551	12	131
534	Referral for disease-related visual impairment using retinal photograph-based deep learning: a proof-of-concept, model development study. <i>The Lancet Digital Health</i> , 2021 , 3, e29-e40	14	8

533	MicroRNA-93/STAT3 signalling pathway mediates retinal microglial activation and protects retinal ganglion cells in an acute ocular hypertension model. <i>Cell Death and Disease</i> , 2021 , 12, 41	9.5	7
532	Association between body mass index and diabetic retinopathy in Asians: the Asian Eye Epidemiology Consortium (AEEC) study. <i>British Journal of Ophthalmology</i> , 2021 ,	5.3	2
531	Choroidal shift in myopic eyes in the 10-year follow-up Beijing eye study. <i>Scientific Reports</i> , 2021 , 11, 14658	4.7	2
530	Prevalence Factors Associated With Vision Impairment and Blindness Among Individuals 85 Years and Older in Russia. <i>JAMA Network Open</i> , 2021 , 4, e2121138	10.1	3
529	Characteristics of p.Gln368Ter Myocilin Variant and Influence of Polygenic Risk on Glaucoma Penetrance in the UK Biobank. <i>Ophthalmology</i> , 2021 , 128, 1300-1311	7	5
528	Axial length and its associations in the Ural Very Old Study. <i>Scientific Reports</i> , 2021 , 11, 18459	4.7	0
527	Association between Body Mass Index and Chronic Kidney Disease in Asian Populations: A Participant-level Meta-Analysis. <i>Maturitas</i> , 2021 , 154, 46-54	3.3	2
526	Tracking development assistance for health and for COVID-19: a review of development assistance, government, out-of-pocket, and other private spending on health for 204 countries and territories, 1990-2050. <i>Lancet, The</i> , 2021 , 398, 1317-1343	36.2	18
525	Level of systolic blood pressure within the normal range and risk of cardiovascular events in the absence of risk factors in Chinese. <i>Journal of Human Hypertension</i> , 2021 ,	2.5	1
524	Global, regional, and national burden of stroke and its risk factors, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet Neurology, The</i> , 2021 , 20, 795-820	23.3	229
523	Location of Parapapillary Gamma Zone and Vertical Fovea Location. The Beijing Eye Study 2011 2021 , 62, 18		4
522	Decreasing myopic lacquer crack and widening parapapillary gamma zone: case report.. <i>BMC Ophthalmology</i> , 2021 , 21, 443	2.3	1
521	Serum Sodium Concentration and Increased Risk for Primary Epiretinal Membrane.. <i>Frontiers in Medicine</i> , 2021 , 8, 770362	4.7	
520	Identification of type 2 diabetes loci in 433,540 East Asian individuals. <i>Nature</i> , 2020 , 582, 240-245	47.5	89
519	A deep learning algorithm to detect chronic kidney disease from retinal photographs in community-based populations. <i>The Lancet Digital Health</i> , 2020 , 2, e295-e302	14	41
518	Chronic kidney disease in Russia: the Ural eye and medical study. <i>BMC Nephrology</i> , 2020 , 21, 198	2.6	3
517	Blood Pressure Classification of 2017 Associated With Cardiovascular Disease and Mortality in Young Chinese Adults. <i>Hypertension</i> , 2020 , 76, 251-258	8	13
516	High Myopia and Glaucoma-Like Optic Neuropathy. <i>Asia-Pacific Journal of Ophthalmology</i> , 2020 , 9, 234-238	3.8	11

515	Prevalence and Pattern of Geographic Atrophy in Asia: The Asian Eye Epidemiology Consortium. <i>Ophthalmology</i> , 2020 , 127, 1371-1381	7	13
514	Histology of myopic posterior scleral staphylomas. <i>Acta Ophthalmologica</i> , 2020 , 98, e856-e863	3.5	7
513	Prevalence of Myopic Maculopathy Among Adults in a Russian Population. <i>JAMA Network Open</i> , 2020 , 3, e200567	10.1	30
512	Genome-wide association meta-analysis of corneal curvature identifies novel loci and shared genetic influences across axial length and refractive error. <i>Communications Biology</i> , 2020 , 3, 133	6.5	9
511	Retinal Pigment Epithelium Cell Density and Bruch's Membrane Thickness in Secondary versus Primary High Myopia and Emmetropia. <i>Scientific Reports</i> , 2020 , 10, 5159	4.7	7
510	Central Retinal Vessel Trunk Caliber Changes After Short-term Intraocular Pressure Elevation. <i>Journal of Glaucoma</i> , 2020 , 29, 467-472	2	1
509	Thickness of individual layers at the macula and associated factors: the Beijing Eye Study 2011. <i>BMC Ophthalmology</i> , 2020 , 20, 49	2.3	4
508	Is kidney function associated with primary open-angle glaucoma? Findings from the Asian Eye Epidemiology Consortium. <i>British Journal of Ophthalmology</i> , 2020 , 104, 1298-1303	5.3	6
507	Multitrait analysis of glaucoma identifies new risk loci and enables polygenic prediction of disease susceptibility and progression. <i>Nature Genetics</i> , 2020 , 52, 160-166	35.2	78
506	Falls in older aged adults in 22 European countries: incidence, mortality and burden of disease from 1990 to 2017. <i>Injury Prevention</i> , 2020 , 26, i67-i74	3.2	17
505	Association of variants with hemoglobin A1c and impact on diabetes diagnosis in East Asian individuals. <i>BMJ Open Diabetes Research and Care</i> , 2020 , 8,	4.4	7
504	Prevalence and causes of vision loss in sub-Saharan Africa in 2015: magnitude, temporal trends and projections. <i>British Journal of Ophthalmology</i> , 2020 , 104, 1658-1668	5.3	11
503	Lamina cribrosa pore movement during acute intraocular pressure rise. <i>British Journal of Ophthalmology</i> , 2020 , 104, 800-806	5.3	4
502	Prevalence of and factors associated with low Back pain, thoracic spine pain and neck pain in Bashkortostan, Russia: the Ural Eye and Medical Study. <i>BMC Musculoskeletal Disorders</i> , 2020 , 21, 64	2.7	3
501	Natural history of glaucomatous optic neuropathy in highly myopic Chinese: study protocol for a registry cohort study. <i>BMJ Open</i> , 2020 , 10, e039183	2.9	1
500	Understanding Pathologic Myopia 2020 , 201-218		0
499	Prevalence and Associated Factors of Age-Related Macular Degeneration in a Russian Population: The Ural Eye and Medical Study. <i>American Journal of Ophthalmology</i> , 2020 , 210, 146-157	4.7	6
498	RIDGE-SHAPED MACULA PROGRESSING PARALLEL TO BRUCH MEMBRANE DEFECTS AND MACULAR SUPRACHOROIDAL CAVITATION. <i>Retina</i> , 2020 , 40, 456-460	3.4	6

497	PREVALENCE AND TIME TRENDS OF MYOPIA IN CHILDREN AND ADOLESCENTS IN CHINA: A Systemic Review and Meta-Analysis. <i>Retina</i> , 2020 , 40, 399-411	3.4	39
496	Microvascular retinal changes in pre-clinical diabetic retinopathy as detected by optical coherence tomographic angiography. <i>Graefels Archive for Clinical and Experimental Ophthalmology</i> , 2020 , 258, 513-520	3.7	12
495	Effect of medically lowering intraocular pressure in glaucoma suspects with high myopia (GSHM study): study protocol for a randomized controlled trial. <i>Trials</i> , 2020 , 21, 813	2.7	1
494	Prediction of systemic biomarkers from retinal photographs: development and validation of deep-learning algorithms. <i>The Lancet Digital Health</i> , 2020 , 2, e526-e536	14	24
493	Prevalence and associated factors of glaucoma in the Russian Ural Eye and Medical Study. <i>Scientific Reports</i> , 2020 , 10, 20307	4.7	1
492	Estimated pulse wave velocity and cardiovascular events in Chinese. <i>International Journal of Cardiology: Hypertension</i> , 2020 , 7, 100063	1.5	5
491	Mandatory universal masking is the key to stop COVID-19. <i>Journal of Global Health</i> , 2020 , 10, 020383	4.2	
490	Glaucoma neurodegeneration and myopia. <i>Progress in Brain Research</i> , 2020 , 257, 1-17	2.8	0
489	Prevalence and associated factors of cataract and cataract-related blindness in the Russian Ural Eye and Medical Study. <i>Scientific Reports</i> , 2020 , 10, 18157	4.7	5
488	Estimating global injuries morbidity and mortality: methods and data used in the Global Burden of Disease 2017 study. <i>Injury Prevention</i> , 2020 , 26, i125-i153	3.2	12
487	Death tolls of COVID-19: Where come the fallacies and ways to make them more accurate. <i>Global Public Health</i> , 2020 , 15, 1582-1587	3.4	6
486	Prevalence and Risk Factors of Epiretinal Membranes in a Chinese Population: The Kailuan Eye Study 2020 , 61, 37		5
485	Prevalence, risk factors and associated ocular diseases of cerebral stroke: the population-based Beijing Eye Study. <i>BMJ Open</i> , 2020 , 10, e024646	2.9	1
484	Prevalence and causes of vision impairment and blindness in the Russian ural eye and medical study. <i>Scientific Reports</i> , 2020 , 10, 12397	4.7	2
483	Advances in myopia research anatomical findings in highly myopic eyes. <i>Eye and Vision (London, England)</i> , 2020 , 7, 45	4.8	13
482	Long-term follow-up of optic neuropathy in chronic low cerebrospinal fluid pressure monkeys: the Beijing Intracranial and Intraocular Pressure (iCOP) Study. <i>Science China Life Sciences</i> , 2020 , 63, 1762-1765	8.3	3
481	Blockade of epidermal growth factor and its receptor and axial elongation in experimental myopia. <i>FASEB Journal</i> , 2020 , 34, 13654-13670	0.9	4
480	Global injury morbidity and mortality from 1990 to 2017: results from the Global Burden of Disease Study 2017. <i>Injury Prevention</i> , 2020 , 26, i96-i114	3.2	39

479	Common variants in SOX-2 and congenital cataract genes contribute to age-related nuclear cataract. <i>Communications Biology</i> , 2020 , 3, 755	6.5	3
478	RIDGE-SHAPED MACULA IN YOUNG MYOPIC PATIENTS AND ITS DIFFERENTIATION FROM TYPICAL DOME-SHAPED MACULA IN ELDERLY MYOPIC PATIENTS. <i>Retina</i> , 2020 , 40, 225-232	3.4	14
477	Prevalence and Associated Factors of Pseudoexfoliation in a Russian Population: The Ural Eye and Medical Study. <i>American Journal of Ophthalmology</i> , 2020 , 210, 158-166	4.7	10
476	Prevalence and causes of vision loss in East Asia in 2015: magnitude, temporal trends and projections. <i>British Journal of Ophthalmology</i> , 2020 , 104, 616-622	5.3	13
475	Effect of Changing Heart Rate on the Ocular Pulse and Dynamic Biomechanical Behavior of the Optic Nerve Head 2020 , 61, 27		2
474	Burden of injury along the development spectrum: associations between the Socio-demographic Index and disability-adjusted life year estimates from the Global Burden of Disease Study 2017. <i>Injury Prevention</i> , 2020 , 26, i12-i26	3.2	13
473	Ocular Axial Length and Diabetic Retinopathy: The Kailuan Eye Study 2019 , 60, 3689-3695		10
472	Prevalence and Associations of Fundus Tessellation Among Junior Students From Greater Beijing 2019 , 60, 4033-4040		7
471	Effects of lentivirus-mediated astrocyte elevated gene-1 overexpression on proliferation and apoptosis of human retinoblastoma cells. <i>Acta Ophthalmologica</i> , 2019 , 97, e397-e402	3.5	0
470	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , 2019 , 188, 1033-1054	3.7	39
469	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , 2019 , 10, 376	16.9	41
468	Looking Within Rather Than Between Countries to Understand the Risk Factors for Vision Impairment. <i>JAMA Ophthalmology</i> , 2019 , 137, 158-159	3.8	3
467	Prevalence and associated factors of anemia in a Russian population: the Ural eye and medical study. <i>BMC Public Health</i> , 2019 , 19, 762	4	8
466	Size and Shape of Bruch's Membrane Opening in Relationship to Axial Length, Gamma Zone, and Macular Bruch's Membrane Defects 2019 , 60, 2591-2598		31
465	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019 , 51, 957-972	35.2	217
464	Self-reported hearing loss in Russians: the population-based Ural Eye and Medical Study. <i>BMJ Open</i> , 2019 , 9, e024644	2.9	7
463	Outdoor Jogging and Myopia Progression in School Children From Rural Beijing: The Beijing Children Eye Study. <i>Translational Vision Science and Technology</i> , 2019 , 8, 2	3.2	8
462	Ocular size and shape in lens-induced Myopization in young Guinea pigs. <i>BMC Ophthalmology</i> , 2019 , 19, 102	2.3	3

461	Past, present, and future of global health financing: a review of development assistance, government, out-of-pocket, and other private spending on health for 195 countries, 1995-2050. <i>Lancet, The</i> , 2019 , 393, 2233-2260	36.2	158
460	Bruch's Membrane Thickness and Retinal Pigment Epithelium Cell Density in Experimental Axial Elongation. <i>Scientific Reports</i> , 2019 , 9, 6621	4.7	18
459	Glaucoma in myopia: diagnostic dilemmas. <i>British Journal of Ophthalmology</i> , 2019 , 103, 1347-1355	5.3	37
458	Facts and Myths of Cerebrospinal Fluid Pressure for the Physiology of the Eye. <i>Advances in Visual Science and Eye Diseases</i> , 2019 , 73-93	0.1	
457	Pterygium Prevalence and Its Associations in a Russian Population: The Ural Eye and Medical Study. <i>American Journal of Ophthalmology</i> , 2019 , 205, 27-34	4.7	7
456	IMI - Defining and Classifying Myopia: A Proposed Set of Standards for Clinical and Epidemiologic Studies 2019 , 60, M20-M30		194
455	Cilioretinal Arteries and Cilioretinal Veins in Eyes with Pathologic Myopia. <i>Scientific Reports</i> , 2019 , 9, 2451	4.7	2
454	Intraocular Pressure and Its Associations in a Russian Population: The Ural Eye and Medical Study. <i>American Journal of Ophthalmology</i> , 2019 , 204, 130-139	4.7	10
453	Amphiregulin and ocular axial length. <i>Acta Ophthalmologica</i> , 2019 , 97, e460-e470	3.5	12
452	Deep learning in estimating prevalence and systemic risk factors for diabetic retinopathy: a multi-ethnic study. <i>Npj Digital Medicine</i> , 2019 , 2, 24	15.2	32
451	A multi-ancestry genome-wide study incorporating gene-smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. <i>Human Molecular Genetics</i> , 2019 , 28, 2615-2633	5.5	14
450	Multi-ancestry genome-wide gene-smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. <i>Nature Genetics</i> , 2019 , 51, 636-648	35.2	59
449	Axial length and its associations in a Russian population: The Ural Eye and Medical Study. <i>PLoS ONE</i> , 2019 , 14, e0211186	3.6	24
448	Prevalence, Awareness, and Control of Arterial Hypertension in a Russian Population. The Ural Eye and Medical Study. <i>Frontiers in Public Health</i> , 2019 , 7, 394	5.8	2
447	Update in myopia and treatment strategy of atropine use in myopia control. <i>Eye</i> , 2019 , 33, 3-13	4.2	65
446	Incidence and progression of diabetic retinopathy: a systematic review. <i>Lancet Diabetes and Endocrinology</i> , 2019 , 7, 140-149	17.4	150
445	Prevalence, awareness and control of diabetes in Russia: The Ural Eye and Medical Study on adults aged 40+ years. <i>PLoS ONE</i> , 2019 , 14, e0215636	3.6	16
444	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , 2019 , 10, 4957	16.9	40

443	Correlation of axial length and myopic macular degeneration to levels of molecular factors in the aqueous. <i>Scientific Reports</i> , 2019 , 9, 15708	4.7	8
442	Differences in ocular biometry between urban and rural children matched by refractive error: the Shandong Children Eye Study. <i>Ophthalmic and Physiological Optics</i> , 2019 , 39, 451-458	3.9	5
441	Latest Developments in Normal-Pressure Glaucoma: Diagnosis, Epidemiology, Genetics, Etiology, Causes and Mechanisms to Management. <i>Asia-Pacific Journal of Ophthalmology</i> , 2019 , 8, 457-468	3.4	16
440	Tracking development assistance for health from China, 2007-2017. <i>BMJ Global Health</i> , 2019 , 4, e001513	3.4	4
439	CORRELATIONS BETWEEN EXPERIMENTAL MYOPIA MODELS AND HUMAN PATHOLOGIC MYOPIA. <i>Retina</i> , 2019 , 39, 621-635	3.4	3
438	Myopia: Anatomic Changes and Consequences for Its Etiology. <i>Asia-Pacific Journal of Ophthalmology</i> , 2019 , 8, 355-359	3.4	31
437	Prevalence, Awareness, and Associated Factors of Airflow Obstruction in Russia: The Ural Eye and Medical Study. <i>Frontiers in Public Health</i> , 2019 , 7, 350	5.8	3
436	Prevalence and causes of vision loss in South-east Asia and Oceania in 2015: magnitude, temporal trends and projections. <i>British Journal of Ophthalmology</i> , 2019 , 103, 878-884	5.3	15
435	Prevalence and causes of vision loss in North Africa and Middle East in 2015: magnitude, temporal trends and projections. <i>British Journal of Ophthalmology</i> , 2019 , 103, 863-870	5.3	13
434	Prevalence and causes of blindness and vision impairment: magnitude, temporal trends and projections in South and Central Asia. <i>British Journal of Ophthalmology</i> , 2019 , 103, 871-877	5.3	28
433	Physical activity and eye diseases. The Beijing Eye Study. <i>Acta Ophthalmologica</i> , 2019 , 97, 325-331	3.5	10
432	Posterior staphyloma in pathologic myopia. <i>Progress in Retinal and Eye Research</i> , 2019 , 70, 99-109	19.6	60
431	POSTERIOR FUNDUS HEMORRHAGES: Frequency and Associated Factors: The Beijing Eye Study. <i>Retina</i> , 2019 , 39, 1206-1215	3.4	2
430	POSTERIOR STAPHYLOMAS IN EYES WITH RETINITIS PIGMENTOSA WITHOUT HIGH MYOPIA. <i>Retina</i> , 2019 , 39, 1299-1304	3.4	12
429	Optical Coherence Tomography Angiography Vessel Density Changes after Acute Intraocular Pressure Elevation. <i>Scientific Reports</i> , 2018 , 8, 6024	4.7	22
428	Optic disc-fovea distance and myopia progression in school children: the Beijing Children Eye Study. <i>Acta Ophthalmologica</i> , 2018 , 96, e606-e613	3.5	12
427	The State of US Health, 1990-2016: Burden of Diseases, Injuries, and Risk Factors Among US States. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 319, 1444-1472	26.8	632
426	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. <i>American Journal of Human Genetics</i> , 2018 , 102, 375-400	10.5	59

425	Reply to the Letter by Hall Entitled "ILUVIEN in Diabetic Macular Edema: The Choice of Second-Line Corticosteroid Should Be Left to the Clinical Judgement of the Treating Physician". <i>Ophthalmologica</i> , 2018 , 239, 238-239	3.6	1
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423	Ultrawide-Field OCT to Investigate Relationships between Myopic Macular Retinoschisis and Posterior Staphyloma. <i>Ophthalmology</i> , 2018 , 125, 1575-1586	7	55
422	Ten-Year Progression of Myopic Maculopathy: The Beijing Eye Study 2001-2011. <i>Ophthalmology</i> , 2018 , 125, 1253-1263	7	57
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417	PARAPAPILLARY GAMMA AND DELTA ZONES IN HIGH MYOPIA. <i>Retina</i> , 2018 , 38, 931-938	3.4	20
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415	Ural Eye and Medical Study: description of study design and methodology. <i>Ophthalmic Epidemiology</i> , 2018 , 25, 187-198	1.9	23
414	Long-term Progression and Risk Factors of Fundus Tessellation in the Beijing Eye Study. <i>Scientific Reports</i> , 2018 , 8, 10625	4.7	7
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406	Biomechanical Properties of Bruch's Membrane-Choroid Complex and Their Influence on Optic Nerve Head Biomechanics 2018 , 59, 2808-2817		28
405	Optical coherence tomography angiography in retinal vein occlusions. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2018 , 256, 1615-1622	3.7	20
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400	Corrugated Bruch's membrane in high myopia. <i>Acta Ophthalmologica</i> , 2018 , 96, e147-e151	3.5	11
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394	Parapapillary Gamma Zone and Progression of Myopia in School Children: The Beijing Children Eye Study 2018 , 59, 1609-1616		20
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