

Adnan Tufail

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.

84 papers	3,787 citations	29 h-index	61 g-index
89 ext. papers	4,977 ext. citations	5.2 avg, IF	5.08 L-index

#	Paper	IF	Citations
84	Estimating excess visual loss from neovascular age-related macular degeneration in the UK during the COVID-19 pandemic: a retrospective clinical audit and simulation model.. <i>BMJ Open</i> , 2022 , 12, e057269	3.9	2
83	Association of Smoking, Alcohol Consumption, Blood Pressure, Body Mass Index, and Glycemic Risk Factors With Age-Related Macular Degeneration: A Mendelian Randomization Study. <i>JAMA Ophthalmology</i> , 2021 ,	3.7	0
82	Use of Composite End Points in Early and Intermediate Age-Related Macular Degeneration Clinical Trials: State-of-the-Art and Future Directions. <i>Ophthalmologica</i> , 2021 , 244, 387-395	3.3	6
81	Reliability of Retinal Pathology Quantification in Age-Related Macular Degeneration: Implications for Clinical Trials and Machine Learning Applications. <i>Translational Vision Science and Technology</i> , 2021 , 10, 4	4.7	1
80	Challenges, facilitators and barriers to screening study participants in early disease stages-experience from the MACUSTAR study. <i>BMC Medical Research Methodology</i> , 2021 , 21, 54	3	1
79	FENETRE study: quality-assured follow-up of quiescent neovascular age-related macular degeneration by non-medical practitioners: study protocol and statistical analysis plan for a randomised controlled trial. <i>BMJ Open</i> , 2021 , 11, e049411	4.9	6
78	Quantification of Key Retinal Features in Early and Late Age-Related Macular Degeneration Using Deep Learning. <i>American Journal of Ophthalmology</i> , 2021 , 226, 1-12	5.5	27
77	Prospective evaluation of an artificial intelligence-enabled algorithm for automated diabetic retinopathy screening of 30000 patients. <i>British Journal of Ophthalmology</i> , 2021 , 105, 723-728	3.8	2
76	Evolving Treatment Patterns and Outcomes of Neovascular Age-Related Macular Degeneration Over a Decade. <i>Ophthalmology Retina</i> , 2021 , 5, e11-e22	3	0
75	Effect of ethnicity and other sociodemographic factors on attendance at diabetic eye screening: a 12-month retrospective cohort study. <i>BMJ Open</i> , 2021 , 11, e046264	3.8	25
74	Imaging Features Associated with Progression to Geographic Atrophy in Age-Related Macular Degeneration: Classification of Atrophy Meeting Report 5. <i>Ophthalmology Retina</i> , 2021 , 5, 855-867	20.5	2
73	Trustworthy AI: Closing the gap between development and integration of AI systems in ophthalmic practice.. <i>Progress in Retinal and Eye Research</i> , 2021 , 101034	5.5	6
72	Visual benefit versus visual gain: what is the effect of baseline covariants in the treatment arm relative to the control arm? A pooled analysis of ANCHOR and MARINA. <i>British Journal of Ophthalmology</i> , 2020 , 104, 672-677	3.8	10
71	Distribution of peripheral lesions identified by mydriatic ultra-wide field fundus imaging in diabetic retinopathy. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2020 , 258, 725-733	4.9	11
70	Progression of Retinopathy Secondary to Maternally Inherited Diabetes and Deafness - Evaluation of Predicting Parameters. <i>American Journal of Ophthalmology</i> , 2020 , 213, 134-144	5.5	7
69	Comparison of true-colour wide-field confocal scanner imaging with standard fundus photography for diabetic retinopathy screening. <i>British Journal of Ophthalmology</i> , 2020 , 104, 1579-1584	3.3	2
68	Structure-Function Analysis in Macular Drusen With Mesopic and Scotopic Microperimetry. <i>Translational Vision Science and Technology</i> , 2020 , 9, 43		

67	Structural Features Associated With the Development and Progression of RORA Secondary to Maternally Inherited Diabetes and Deafness. <i>American Journal of Ophthalmology</i> , 2020 , 218, 136-147	4.9	5
66	Novel biomarker of sphericity and cylindricity indices in volume-rendering optical coherence tomography angiography in normal and diabetic eyes: a preliminary study. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2020 , 258, 711-723	3.8	5
65	Anti-Vascular Endothelial Growth Factor Use and Atrophy in Neovascular Age-Related Macular Degeneration: Systematic Literature Review and Expert Opinion. <i>Ophthalmology</i> , 2020 , 127, 648-659	7.3	20
64	Clinical study protocol for a low-interventional study in intermediate age-related macular degeneration developing novel clinical endpoints for interventional clinical trials with a regulatory and patient access intention-MACUSTAR. <i>Trials</i> , 2020 , 21, 659	2.8	8
63	Incomplete Retinal Pigment Epithelial and Outer Retinal Atrophy in Age-Related Macular Degeneration: Classification of Atrophy Meeting Report 4. <i>Ophthalmology</i> , 2020 , 127, 394-409	7.3	67
62	One- and two-year visual outcomes from the Moorfields age-related macular degeneration database: a retrospective cohort study and an open science resource. <i>BMJ Open</i> , 2019 , 9, e027441	3	17
61	Feasibility of support vector machine learning in age-related macular degeneration using small sample yielding sparse optical coherence tomography data. <i>Acta Ophthalmologica</i> , 2019 , 97, e719-e728	3.7	5
60	Artificial Intelligence Screening for Diabetic Retinopathy: the Real-World Emerging Application. <i>Current Diabetes Reports</i> , 2019 , 19, 72	5.6	60
59	Associations with photoreceptor thickness measures in the UK Biobank. <i>Scientific Reports</i> , 2019 , 9, 19440	4.9	4
58	MACUSTAR: Development and Clinical Validation of Functional, Structural, and Patient-Reported Endpoints in Intermediate Age-Related Macular Degeneration. <i>Ophthalmologica</i> , 2019 , 241, 61-72	3.7	44
57	Retinopathy Associated with Biallelic Mutations in PYGM (McArdle Disease). <i>Ophthalmology</i> , 2019 , 126, 320-322	7.3	10
56	United Kingdom Diabetic Retinopathy Electronic Medical Record (UK DR EMR) Users Group: report 4, real-world data on the impact of deprivation on the presentation of diabetic eye disease at hospital services. <i>British Journal of Ophthalmology</i> , 2019 , 103, 837-843	5.5	16
55	Enhanced resolution and speckle-free three-dimensional printing of macular optical coherence tomography angiography. <i>Acta Ophthalmologica</i> , 2019 , 97, e317-e319	3.7	11
54	3D printing of the choroidal vessels and tumours based on optical coherence tomography. <i>Acta Ophthalmologica</i> , 2019 , 97, e313-e316	3.7	9
53	COMPARING FUNDUS FLUORESCCEIN ANGIOGRAPHY AND SWEPT-SOURCE OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY IN THE EVALUATION OF DIABETIC MACULAR PERFUSION. <i>Retina</i> , 2019 , 39, 926-937	3.6	31
52	A 12-month, multicenter, parallel group comparison of dexamethasone intravitreal implant versus ranibizumab in branch retinal vein occlusion. <i>European Journal of Ophthalmology</i> , 2018 , 28, 697-705	1.9	19
51	Efficacy and Safety of Lampalizumab for Geographic Atrophy Due to Age-Related Macular Degeneration: Chroma and Spectri Phase 3 Randomized Clinical Trials. <i>JAMA Ophthalmology</i> , 2018 , 136, 666-677	3.9	166
50	VISUAL ACUITY IMPROVEMENT WHEN SWITCHING FROM RANIBIZUMAB TO AFLIBERCEPT IS NOT SUSTAINED. <i>Retina</i> , 2018 , 38, 951-956	3.6	7

49	Cost-effectiveness of age-related macular degeneration study supplements in the UK: combined trial and real-world outcomes data. <i>British Journal of Ophthalmology</i> , 2018 , 102, 465-472	5.5	6
48	Three-Year Outcomes of Aflibercept Treatment for Neovascular Age-Related Macular Degeneration: Evidence from a Clinical Setting. <i>Ophthalmology and Therapy</i> , 2018 , 7, 361-368	5	29
47	Clinically applicable deep learning for diagnosis and referral in retinal disease. <i>Nature Medicine</i> , 2018 , 24, 1342-1350	50.5	938
46	High-Performance Virtual Reality Volume Rendering of Original Optical Coherence Tomography Point-Cloud Data Enhanced With Real-Time Ray Casting. <i>Translational Vision Science and Technology</i> , 2018 , 7, 2	3.3	20
45	Feasibility Study of Subfoveal Choroidal Thickness Changes in Spectral-Domain Optical Coherence Tomography Measurements of Macular Telangiectasia Type 2. <i>Lecture Notes in Computer Science</i> , 2018 , 303-309	0.9	
44	Consensus Definition for Atrophy Associated with Age-Related Macular Degeneration on OCT: Classification of Atrophy Report 3. <i>Ophthalmology</i> , 2018 , 125, 537-548	7.3	253
43	Post-marketing surveillance study of the safety of dexamethasone intravitreal implant in patients with retinal vein occlusion or noninfectious posterior segment uveitis. <i>Clinical Ophthalmology</i> , 2018 , 12, 2519-2534	2.5	10
42	Reply. <i>Ophthalmology</i> , 2018 , 125, e86	7.3	0
41	Interdevice variability of central corneal thickness measurement. <i>PLoS ONE</i> , 2018 , 13, e0203884	3.7	9
40	Safety and Feasibility of a Novel Sparse Optical Coherence Tomography Device for Patient-Delivered Retina Home Monitoring. <i>Translational Vision Science and Technology</i> , 2018 , 7, 8	3.3	26
39	Imaging Protocols in Clinical Studies in Advanced Age-Related Macular Degeneration: Recommendations from Classification of Atrophy Consensus Meetings. <i>Ophthalmology</i> , 2017 , 124, 464-478	7.3	110
38	Natural history and effect of therapeutic interventions on subretinal fluid causing foveal detachment in macular telangiectasia type 2. <i>British Journal of Ophthalmology</i> , 2017 , 101, 955-959	5.5	10
37	Automated Diabetic Retinopathy Image Assessment Software: Diagnostic Accuracy and Cost-Effectiveness Compared with Human Graders. <i>Ophthalmology</i> , 2017 , 124, 343-351	7.3	110
36	Volume rendering of superficial optic disc drusen. <i>Spektrum Der Augenheilkunde</i> , 2017 , 31, 288-293	0	2
35	Phase I Trial of Anti-Vascular Endothelial Growth Factor/Anti-angiopoietin 2 Bispecific Antibody RG7716 for Neovascular Age-Related Macular Degeneration. <i>Ophthalmology Retina</i> , 2017 , 1, 474-485	3.8	42
34	Associations with Retinal Pigment Epithelium Thickness Measures in a Large Cohort: Results from the UK Biobank. <i>Ophthalmology</i> , 2017 , 124, 105-117	7.3	29
33	Incorporating Spatial Information for Microaneurysm Detection in Retinal Images. <i>Advances in Science, Technology and Engineering Systems</i> , 2017 , 2, 642-649	0.3	2
32	Multimodal retinal imaging in the diagnosis of intraretinal microvascular abnormality. <i>Expert Review of Ophthalmology</i> , 2016 , 11, 485-495	1.5	

31	Defining a Minimum Set of Standardized Patient-centered Outcome Measures for Macular Degeneration. <i>American Journal of Ophthalmology</i> , 2016 , 168, 1-12	4.9	73
30	Systematic Evaluation of Optical Coherence Tomography Angiography in Retinal Vein Occlusion. <i>American Journal of Ophthalmology</i> , 2016 , 163, 93-107.e6	4.9	66
29	The Evolution of Teleophthalmology Programs in the United Kingdom: Beyond Diabetic Retinopathy Screening. <i>Journal of Diabetes Science and Technology</i> , 2016 , 10, 308-17	4.1	48
28	An observational study to assess if automated diabetic retinopathy image assessment software can replace one or more steps of manual imaging grading and to determine their cost-effectiveness. <i>Health Technology Assessment</i> , 2016 , 20, 1-72	4.4	56
27	Evaluation of Nonperfused Retinal Vessels in Ischemic Retinopathy 2016 , 57, 5031-5037		20
26	Use of Mechanical Turk as a MapReduce Framework for Macular OCT Segmentation. <i>Journal of Ophthalmology</i> , 2016 , 2016, 6571547	2	2
25	The Evaluation of Diabetic Macular Ischemia Using Optical Coherence Tomography Angiography 2016 , 57, 626-31		79
24	UK Neovascular Age-Related Macular Degeneration Database. Report 6: time to retreatment after a pause in therapy. Outcomes from 92 976 intravitreal ranibizumab injections. <i>British Journal of Ophthalmology</i> , 2016 , 100, 1617-1622	5.5	13
23	Differentiating drusen: Drusen and drusen-like appearances associated with ageing, age-related macular degeneration, inherited eye disease and other pathological processes. <i>Progress in Retinal and Eye Research</i> , 2016 , 53, 70-106	20.5	109
22	UK Age-Related Macular Degeneration Electronic Medical Record System (AMD EMR) Users Group Report IV: Incidence of Blindness and Sight Impairment in Ranibizumab-Treated Patients. <i>Ophthalmology</i> , 2016 , 123, 2386-2392	7.3	21
21	Myopic choroidal neovascularisation: current concepts and update on clinical management. <i>British Journal of Ophthalmology</i> , 2015 , 99, 289-96	5.5	103
20	The other CNVM: a review of myopic choroidal neovascularization treatment in the age of anti-vascular endothelial growth factor agents. <i>Survey of Ophthalmology</i> , 2015 , 60, 204-15	6.1	16
19	A simple method for in vivo labelling of infiltrating leukocytes in the mouse retina using indocyanine green dye. <i>DMM Disease Models and Mechanisms</i> , 2015 , 8, 1479-87	4.1	6
18	Reevaluating the definition of intraretinal microvascular abnormalities and neovascularization elsewhere in diabetic retinopathy using optical coherence tomography and fluorescein angiography. <i>American Journal of Ophthalmology</i> , 2015 , 159, 101-10.e1	4.9	51
17	Paracentral acute middle maculopathy in sickle cell disease. <i>JAMA Ophthalmology</i> , 2015 , 133, 614-6	3.9	23
16	A study of whether automated Diabetic Retinopathy Image Assessment could replace manual grading steps in the English National Screening Programme. <i>Journal of Medical Screening</i> , 2015 , 22, 112-8	1.4	14
15	UK AMD EMR USERS GROUP REPORT V: benefits of initiating ranibizumab therapy for neovascular AMD in eyes with vision better than 6/12. <i>British Journal of Ophthalmology</i> , 2015 , 99, 1045-50	5.5	36
14	The cost-effectiveness of initiating ranibizumab therapy in eyes with neovascular AMD with good vision: an economic model using real-world outcomes. <i>BMJ Open</i> , 2015 , 5, e006535	3	14

13	Sensitivity and specificity of spectral-domain optical coherence tomography in detecting idiopathic polypoidal choroidal vasculopathy. <i>American Journal of Ophthalmology</i> , 2014 , 158, 1228-1238.e1	4.9	97
12	Quantitative analysis of diabetic macular ischemia using optical coherence tomography 2014 , 55, 417-23		51
11	The neovascular age-related macular degeneration database: report 2: incidence, management, and visual outcomes of second treated eyes. <i>Ophthalmology</i> , 2014 , 121, 1966-75	7.3	87
10	Patterns of peripheral retinal and central macula ischemia in diabetic retinopathy as evaluated by ultra-widefield fluorescein angiography. <i>American Journal of Ophthalmology</i> , 2014 , 158, 144-153.e1	4.9	94
9	Sight-threatening diabetic eye disease: an update and review of the literature. <i>British Journal of General Practice</i> , 2014 , 64, e678-80	1.6	2
8	Ranibizumab in myopic choroidal neovascularization: the 12-month results from the REPAIR study. <i>Ophthalmology</i> , 2013 , 120, 1944-5.e1	7.3	76
7	Predictive factors for the progression of diabetic macular ischemia. <i>American Journal of Ophthalmology</i> , 2013 , 156, 684-92	4.9	49
6	Subacute bilateral vision loss resulting from dengue maculopathy. <i>BMJ Case Reports</i> , 2013 , 2013,	0.9	1
5	The effects of macular ischemia on visual acuity in diabetic retinopathy 2013 , 54, 2353-60		100
4	OPTIMIZING INDIVIDUALIZED THERAPY WITH BEVACIZUMAB FOR NEOVASCULAR AGE-RELATED MACULAR DEGENERATION. <i>Retina</i> , 2012 ,	3.6	4
3	Bevacizumab for neovascular age related macular degeneration (ABC Trial): multicentre randomised double masked study. <i>BMJ, The</i> , 2010 , 340, c2459	5.9	152
2	A randomised, double-masked phase III/IV study of the efficacy and safety of Avastin(R) (Bevacizumab) intravitreal injections compared to standard therapy in subjects with choroidal neovascularisation secondary to age-related macular degeneration: clinical trial design. <i>Trials</i> , 2008 , 9, 54	2.8	21
1	Prophylactic argon laser retinopexy prior to removal of silicone oil: a pilot study. <i>Eye</i> , 1997 , 11 (Pt 3), 328-30	4.4	30