Lloyd Paul Aiello

List of Publications by Year
in descending order

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40 papers	4,063 citations	201385 27 h-index	344852 36 g-index
40 all docs	40 docs citations	40 times ranked	3935 citing authors

#	Article	IF	Citations
1	Panretinal Photocoagulation vs Intravitreous Ranibizumab for Proliferative Diabetic Retinopathy. JAMA - Journal of the American Medical Association, 2015, 314, 2137.	3.8	599
2	Disorganization of the Retinal Inner Layers as a Predictor of Visual Acuity in Eyes With Center-Involved Diabetic Macular Edema. JAMA Ophthalmology, 2014, 132, 1309.	1.4	384
3	Vascular Endothelial Growth Factor in Ocular Neovascularization and Proliferative Diabetic Retinopathy. , 1997, 13, 37-50.		261
4	Peripheral Lesions Identified on Ultrawide Field Imaging Predict Increased Risk of Diabetic Retinopathy Progression over 4ÂYears. Ophthalmology, 2015, 122, 949-956.	2.5	249
5	Peripheral Lesions Identified by Mydriatic Ultrawide Field Imaging: Distribution and Potential Impact on Diabetic Retinopathy Severity. Ophthalmology, 2013, 120, 2587-2595.	2.5	243
6	Characterization of the Vitreous Proteome in Diabetes without Diabetic Retinopathy and Diabetes with Proliferative Diabetic Retinopathy. Journal of Proteome Research, 2008, 7, 2516-2525.	1.8	213
7	Protection From Retinopathy and Other Complications in Patients With Type 1 Diabetes of Extreme Duration. Diabetes Care, 2011, 34, 968-974.	4.3	213
8	Diabetic Retinopathy Severity and Peripheral Lesions Are Associated with Nonperfusion on Ultrawide Field Angiography. Ophthalmology, 2015, 122, 2465-2472.	2.5	191
9	Clinical Factors Associated With Resistance to Microvascular Complications in Diabetic Patients of Extreme Disease Duration. Diabetes Care, 2007, 30, 1995-1997.	4.3	168
10	Neural Retinal Disorganization as a Robust Marker of Visual Acuity in Current and Resolved Diabetic Macular Edema. Diabetes, 2015, 64, 2560-2570.	0.3	159
11	Comparison of Early Treatment Diabetic Retinopathy Study Standard 7-Field Imaging With Ultrawide-Field Imaging for Determining Severity of Diabetic Retinopathy. JAMA Ophthalmology, 2019, 137, 65.	1.4	125
12	Identification of Diabetic Retinopathy and Ungradable Image Rate with Ultrawide Field Imaging in a National Teleophthalmology Program. Ophthalmology, 2016, 123, 1360-1367.	2.5	108
13	Antiâ€“Vascular Endothelial Growth Factor Agents in the Treatment of Retinal Disease. Ophthalmology, 2016, 123, S78-S88.	2.5	100
14	ORAL PROTEIN KINASE C Î² INHIBITION USING RUBOXISTAURIN. Retina, 2011, 31, 2084-2094.	1.0	97
15	Presence and Risk Factors for Glaucoma in Patients with Diabetes. Current Diabetes Reports, 2016, 16, 124.	1.7	90
16	Factors Associated with Improvement and Worsening of Visual Acuity 2 Years after Focal/Grid Photocoagulation for Diabetic Macular Edema. Ophthalmology, 2010, 117, 946-953.	2.5	87
17	Glucose induced genes in bovine aortic smooth muscle cells identified by mRNA differential display. FASEB Journal, 1994, 8, 103-106.	0.2	83
18	Plasma Kallikrein-Kinin System as a VEGF-Independent Mediator of Diabetic Macular Edema. Diabetes, 2015, 64, 3588-3599.	0.3	70

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19	Association of Baseline Visual Acuity and Retinal Thickness With 1-Year Efficacy of Aflibercept, Bevacizumab, and Ranibizumab for Diabetic Macular Edema. JAMA Ophthalmology, 2016, 134, 127.	1.4	68
20	Retinol binding protein 3 is increased in the retina of patients with diabetes resistant to diabetic retinopathy. Science Translational Medicine, 2019, 11, .	5.8	62
21	Hemorrhage and/or Microaneurysm Severity and Count in Ultrawide Field Images and Early Treatment Diabetic Retinopathy Study Photography. Ophthalmology, 2017, 124, 970-976.	2.5	60
22	Updating the Staging System for Diabetic Retinal Disease. Ophthalmology, 2021, 128, 490-493.	2.5	49
23	Real-Time Ultrawide Field Image Evaluation of Retinopathy in a Diabetes Telemedicine Program. Diabetes Care, 2015, 38, 1643-1649.	4.3	40
24	Regional Image Features Model for Automatic Classification between Normal and Glaucoma in Fundus and Scanning Laser Ophthalmoscopy (SLO) Images. Journal of Medical Systems, 2016, 40, 132.	2.2	38
25	Effects of Prior Intensive Insulin Therapy and Risk Factors on Patient-Reported Visual Function Outcomes in the Diabetes Control and Complications Trial/Epidemiology of Diabetes Interventions and Complications (DCCT/EDIC) Cohort. JAMA Ophthalmology, 2016, 134, 137.	1.4	38
26	Telemedicine and Eye Examinations for Diabetic Retinopathy. JAMA Ophthalmology, 2015, 133, 525.	1.4	35
27	Plasma Vascular Endothelial Growth Factor Concentrations after Intravitreous Antiâ€“Vascular Endothelial Growth Factor Therapy for Diabetic Macular Edema. Ophthalmology, 2018, 125, 1054-1063.	2.5	32
28	Comparison of Nondiabetic Retinal Findings Identified With Nonmydriatic Fundus Photography vs Ultrawide Field Imaging in an Ocular Telehealth Program. JAMA Ophthalmology, 2016, 134, 330.	1.4	30
29	Assessing the Effect of Personalized Diabetes Risk Assessments During Ophthalmologic Visits on Glycemic Control. JAMA Ophthalmology, 2015, 133, 888.	1.4	29
30	Plasma Kallikrein Mediates Vascular Endothelial Growth Factorâ€“Induced Retinal Dysfunction and Thickening. , 2016, 57, 2390.		26
31	Computational fluid dynamics assisted characterization of parafoveal hemodynamics in normal and diabetic eyes using adaptive optics scanning laser ophthalmoscopy. Biomedical Optics Express, 2016, 7, 4958.	1.5	24
32	Association of Cognitive Function and Retinal Neural and Vascular Structure in Type 1 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e1139-e1149.	1.8	18
33	The Future of Ultrawide Field Imaging for Diabetic Retinopathy. JAMA Ophthalmology, 2016, 134, 247.	1.4	16
34	Proteomic Analysis of Embryonic and Young Human Vitreous. , 2015, 56, 7036.		14
35	One-Time Intravitreal Injection of KVD001, a Plasma Kallikrein Inhibitor, in Patients with Central-Involved Diabetic Macular Edema and Reduced Vision. Ophthalmology Retina, 2019, 3, 1107-1109.	1.2	13
36	Ruboxistaurin: Review of Safety and Efficacy in the Treatment of Diabetic Retinopathy. Clinical Medicine Insights Therapeutics, 2010, 2, CMT.S5046.	0.4	10

#	Article	IF	Citations
37	Macula Society Collaborative Retrospective Study of Ocriplasmin for Symptomatic Vitreomacular Adhesion. Ophthalmology Retina, 2017, 1, 413-420.	1.2	9
38	Retinal Vascular Caliber Association with Nonperfusion and Diabetic Retinopathy Severity Depends on Vascular Caliber Measurement Location. Ophthalmology Retina, 2021, 5, 571-579.	1.2	8
39	Refractive Error and Retinopathy Outcomes in Type 1 Diabetes. Ophthalmology, 2021, 128, 554-560.	2.5	4
40	Response to Comment on: Sun et al. Protection From Retinopathy and Other Complications in Patients With Type 1 Diabetes of Extreme Duration: The Joslin 50-Year Medalist Study. Diabetes Care 2011;34:968â€“974. Diabetes Care, 2011, 34, e149-e149.	4.3	0