

# Maria A Woodward

## 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.

92 papers	2,645 citations	24 h-index	50 g-index
99 ext. papers	3,238 ext. citations	3.7 avg, IF	5.24 L-index

#	Paper	IF	Citations
92	Procedures, Visits, and Procedure Costs in the Management of Microbial Keratitis. <i>Cornea</i> , <b>2021</b> , 40, 472-476	3.1	0
91	Open-Source Automatic Biomarker Measurement on Slit-Lamp Photography to Estimate Visual Acuity in Microbial Keratitis. <i>Translational Vision Science and Technology</i> , <b>2021</b> , 10, 2	3.3	0
90	Facilitators and Barriers to Glaucoma Screening Identified by Key Stakeholders in Underserved Communities: A Community-engaged Research Approach. <i>Journal of Glaucoma</i> , <b>2021</b> , 30, 402-409	2.1	1
89	The Utility of Routine Fundus Photography Screening for Posterior Segment Disease: A Stepped-wedge, Cluster-randomized Trial in South India. <i>Ophthalmology</i> , <b>2021</b> , 128, 1060-1069	7.3	1
88	Medication Adherence Among Patients With Corneal Diseases. <i>Cornea</i> , <b>2021</b> , 40, 1554-1560	3.1	
87	Barriers and Facilitators to Obtaining Eyeglasses for Vulnerable Patients in a Michigan Free Clinic. <i>Optometry and Vision Science</i> , <b>2021</b> , 98, 243-249	2.1	0
86	Patient-Reported Outcomes After Corneal Transplantation. <i>Cornea</i> , <b>2021</b> , 40, 1316-1321	3.1	0
85	Development and Validation of a Natural Language Processing Algorithm to Extract Descriptors of Microbial Keratitis From the Electronic Health Record. <i>Cornea</i> , <b>2021</b> , 40, 1548-1553	3.1	0
84	Disparities in Eye Care Utilization During the COVID-19 Pandemic. <i>American Journal of Ophthalmology</i> , <b>2021</b> , 233, 163-170	4.9	5
83	Open-Source Automatic Segmentation of Ocular Structures and Biomarkers of Microbial Keratitis on Slit-Lamp Photography Images Using Deep Learning. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2021</b> , 25, 88-99	7.2	3
82	Change in Ophthalmic Clinicians' Attitudes Toward Telemedicine During the Coronavirus 2019 Pandemic. <i>Telemedicine Journal and E-Health</i> , <b>2021</b> , 27, 231-235	5.9	11
81	Impact of Scleral Contact Lens Use on the Rate of Corneal Transplantation for Keratoconus. <i>Cornea</i> , <b>2021</b> , 40, 39-42	3.1	9
80	Michigan Screening and Intervention for Glaucoma and Eye Health Through Telemedicine (MI-SIGHT): Baseline Methodology for Implementing and Assessing a Community-based Program. <i>Journal of Glaucoma</i> , <b>2021</b> , 30, 380-387	2.1	1
79	The Rigorous Work of Evaluating Consistency and Accuracy in Electronic Health Record Data. <i>JAMA Ophthalmology</i> , <b>2021</b> , 139, 894-895	3.9	2
78	Persistent Opioid Use after Ophthalmic Surgery in Opioid-Naive Patients and Associated Risk Factors. <i>Ophthalmology</i> , <b>2021</b> , 128, 1266-1273	7.3	0
77	COVID-19 and Use of Teleophthalmology (CUT Group): Trends and Diagnoses. <i>Ophthalmology</i> , <b>2021</b> , 128, 1483-1485	7.3	14
76	Telehealth-based Eye Care During the COVID-19 Pandemic: Utilization, Safety, and the Patient Experience. <i>American Journal of Ophthalmology</i> , <b>2021</b> , 230, 234-242	4.9	7

75	Measurement Reliability for Keratitis Morphology. <i>Cornea</i> , <b>2020</b> , 39, 1503-1509	3.1	2
74	Algorithm Variability in Quantification of Epithelial Defect Size in Microbial Keratitis Images. <i>Cornea</i> , <b>2020</b> , 39, 628-633	3.1	
73	Association of Limiting Opioid Prescriptions With Use of Opioids After Corneal Surgery. <i>JAMA Ophthalmology</i> , <b>2020</b> , 138, 76-80	3.9	8
72	The Appropriateness of Digital Diabetic Retinopathy Screening Images for a Computer-Aided Glaucoma Screening System. <i>Clinical Ophthalmology</i> , <b>2020</b> , 14, 3881-3890	2.5	1
71	Photo-Mediated Ultrasound Therapy for the Treatment of Corneal Neovascularization in Rabbit Eyes. <i>Translational Vision Science and Technology</i> , <b>2020</b> , 9, 16	3.3	3
70	27-GAUGE SUTURELESS INTRASCLERAL FIXATION OF INTRAOCULAR LENSES WITH HAPTIC FLANGING: Short-Term Clinical Outcomes and a Disinsertion Force Study. <i>Retina</i> , <b>2019</b> , 39, 2149-2154	3.6	25
69	Self-reported Eye Care Use Among US Adults Aged 50 to 80 Years. <i>JAMA Ophthalmology</i> , <b>2019</b> , 137, 1063-1066	3.4	13
68	The Debate Surrounding the Pathogenesis of Myopia. <i>JAMA Ophthalmology</i> , <b>2019</b> , 137, 894-895	3.9	1
67	Medication Accuracy in Electronic Health Records for Microbial Keratitis. <i>JAMA Ophthalmology</i> , <b>2019</b> , 137, 929-931	3.9	6
66	Characterization of Epiretinal Proliferation in Full-Thickness Macular Holes and Effects on Surgical Outcomes. <i>Ophthalmology Retina</i> , <b>2019</b> , 3, 694-702	3.8	10
65	Evaluation of an Algorithm for Identifying Ocular Conditions in Electronic Health Record Data. <i>JAMA Ophthalmology</i> , <b>2019</b> , 137, 491-497	3.9	19
64	Natural Language Processing to Quantify Microbial Keratitis Measurements. <i>Ophthalmology</i> , <b>2019</b> , 126, 1722-1724	7.3	6
63	Medication Burden for Patients With Bacterial Keratitis. <i>Cornea</i> , <b>2019</b> , 38, 933-937	3.1	10
62	Predictors of Endophthalmitis after Intravitreal Injection: A Multivariable Analysis Based on Injection Protocol and Povidone Iodine Strength. <i>Ophthalmology Retina</i> , <b>2019</b> , 3, 3-7	3.8	34
61	Association of Social Support Network Size With Receipt of Cataract Surgery in Older Adults. <i>JAMA Ophthalmology</i> , <b>2018</b> , 136, 423-427	3.9	10
60	STRUCTURAL ANALYSIS AND COMPREHENSIVE SURGICAL OUTCOMES OF THE SUTURELESS INTRASCLERAL FIXATION OF SECONDARY INTRAOCULAR LENSES IN HUMAN EYES. <i>Retina</i> , <b>2018</b> , 38 Suppl 1, S31-S40	3.6	31
59	Novel Image-Based Analysis for Reduction of Clinician-Dependent Variability in Measurement of the Corneal Ulcer Size. <i>Cornea</i> , <b>2018</b> , 37, 331-339	3.1	16
58	Utilization of Ophthalmologist Consultation for Emergency Care at a University Hospital. <i>JAMA Ophthalmology</i> , <b>2018</b> , 136, 428-431	3.9	7

57	Brand Medications and Medicare Part D: How Eye Care Providers' Prescribing Patterns Influence Costs. <i>Ophthalmology</i> , <b>2018</b> , 125, 332-339	7.3	31
56	Eye Symptom Questionnaire to Evaluate Anterior Eye Health. <i>Eye and Contact Lens</i> , <b>2018</b> , 44, 384-389	3.2	3
55	Accuracy and Reliability of a Handheld, Nonmydriatic Fundus Camera for the Remote Detection of Optic Disc Edema. <i>Telemedicine Journal and E-Health</i> , <b>2018</b> , 24, 344-350	5.9	12
54	Screening for vision-threatening diabetic retinopathy in South India: comparing portable non-mydriatic and standard fundus cameras and clinical exam. <i>Eye</i> , <b>2018</b> , 32, 375-383	4.4	14
53	Self-reported Eyeglass Use by US Medicare Beneficiaries Aged 65 Years or Older. <i>JAMA Ophthalmology</i> , <b>2018</b> , 136, 1047-1050	3.9	3
52	Donor cornea tissue in cases of drowning or water submersion: eye banks practice patterns and tissue outcomes. <i>Cell and Tissue Banking</i> , <b>2018</b> , 19, 1-8	2.2	0
51	Accuracy of a Smartphone-based Autorefractor Compared with Criterion-standard Refraction. <i>Optometry and Vision Science</i> , <b>2018</b> , 95, 1135-1141	2.1	11
50	A Smartphone-Based Tool for Rapid, Portable, and Automated Wide-Field Retinal Imaging. <i>Translational Vision Science and Technology</i> , <b>2018</b> , 7, 21	3.3	46
49	Patient Attitudes Toward Telemedicine for Diabetic Retinopathy. <i>Telemedicine Journal and E-Health</i> , <b>2017</b> , 23, 205-212	5.9	32
48	Telemedicine for ophthalmic consultation services: use of a portable device and layering information for graders. <i>Journal of Telemedicine and Telecare</i> , <b>2017</b> , 23, 365-370	6.8	21
47	Agreement of Ocular Symptom Reporting Between Patient-Reported Outcomes and Medical Records. <i>JAMA Ophthalmology</i> , <b>2017</b> , 135, 225-231	3.9	33
46	Prediction of Anti-VEGF Response in Diabetic Macular Edema After 1 Injection. <i>Journal of Vitreoretinal Diseases</i> , <b>2017</b> , 1, 169-174	0.7	23
45	Factors Affecting Visits to the Emergency Department for Urgent and Nonurgent Ocular Conditions. <i>Ophthalmology</i> , <b>2017</b> , 124, 720-729	7.3	40
44	PARS PLANA VITRECTOMY FOR LATE VITREORETINAL SEQUELAE OF INFECTIOUS ENDOPHTHALMITIS: Surgical Management and Outcomes. <i>Retina</i> , <b>2017</b> , 37, 651-656	3.6	7
43	Refractive error in underserved adults: causes and potential solutions. <i>Current Opinion in Ophthalmology</i> , <b>2017</b> , 28, 299-304	5.1	14
42	Precision of Epithelial Defect Measurements. <i>Cornea</i> , <b>2017</b> , 36, 419-424	3.1	8
41	Teleophthalmic Approach for Detection of Corneal Diseases: Accuracy and Reliability. <i>Cornea</i> , <b>2017</b> , 36, 1159-1165	3.1	24
40	Quantitative Analysis of Endothelial Cell Loss in Preloaded Descemet Membrane Endothelial Keratoplasty Grafts. <i>Cornea</i> , <b>2017</b> , 36, 1295-1301	3.1	18

39	Glaucoma Screening in Nepal: Cup-to-Disc Estimate With Standard Mydriatic Fundus Camera Compared to Portable Nonmydriatic Camera. <i>American Journal of Ophthalmology</i> , <b>2017</b> , 182, 99-106	4.9	18
38	Scleral-Fixated Intraocular Lenses: Past and Present. <i>Journal of Vitreoretinal Diseases</i> , <b>2017</b> , 1, 144-152	0.7	67
37	Predictors of Photographic Quality with a Handheld Nonmydriatic Fundus Camera Used for Screening of Vision-Threatening Diabetic Retinopathy. <i>Ophthalmologica</i> , <b>2017</b> , 238, 89-99	3.7	22
36	Human iris three-dimensional imaging at micron resolution by a micro-plenoptic camera. <i>Biomedical Optics Express</i> , <b>2017</b> , 8, 4514-4522	3.5	8
35	Human Iris 3D Imaging using a micro-Plenoptic Camera <b>2017</b> ,		2
34	Barriers to Attending Eye Appointments among Underserved Adults. <i>Journal of Ophthalmic and Vision Research</i> , <b>2017</b> , 12, 449-450	1.2	5
33	Reply. <i>Ophthalmology</i> , <b>2016</b> , 123, e46	7.3	
32	Complications of Refractive Surgery: Ectasia After Refractive Surgery. <i>International Ophthalmology Clinics</i> , <b>2016</b> , 56, 127-39	1.7	36
31	The Association Between Sociodemographic Factors, Common Systemic Diseases, and Keratoconus: An Analysis of a Nationwide Health Care Claims Database. <i>Ophthalmology</i> , <b>2016</b> , 123, 457-65.e2	7.3	80
30	Risk Factors for Visual Impairment in an Uninsured Population and the Impact of the Affordable Care Act <b>2016</b> , 1,		1
29	Sutureless Intrasceral Fixation of Secondary Intraocular Lens Using 27-Gauge Vitrectomy System. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , <b>2016</b> , 47, 376-9	1.4	30
28	Worsening anatomic outcomes following aflibercept for neovascular age-related macular degeneration in eyes previously well controlled with ranibizumab. <i>Clinical Ophthalmology</i> , <b>2016</b> , 10, 1053-7	3.5	3
27	Eye care providers' attitudes towards tele-ophthalmology. <i>Telemedicine Journal and E-Health</i> , <b>2015</b> , 21, 271-3	5.9	31
26	Evolving Techniques in Corneal Transplantation. <i>Current Surgery Reports</i> , <b>2015</b> , 3, 1	0.5	22
25	The empirical evidence for the telemedicine intervention in diabetes management. <i>Telemedicine Journal and E-Health</i> , <b>2015</b> , 21, 321-54	5.9	55
24	Telemedicine and Diabetic Retinopathy: Review of Published Screening Programs. <i>Journal of Endocrinology and Diabetes</i> , <b>2015</b> , 2,	4	27
23	Corneal donor tissue preparation for Descemet's membrane endothelial keratoplasty. <i>Journal of Visualized Experiments</i> , <b>2014</b> , 51919	1.6	7
22	Telemedicine for corneal disease in rural Nepal. <i>Journal of Telemedicine and Telecare</i> , <b>2014</b> , 20, 263-266	6.8	2

21	Eye-bank preparation of endothelial tissue. <i>Current Opinion in Ophthalmology</i> , <b>2014</b> , 25, 319-24	5.1	27
20	Effect of microkeratome pass on tissue processing for Descemet stripping automated endothelial keratoplasty. <i>Cornea</i> , <b>2014</b> , 33, 507-9	3.1	15
19	Long-term use of autologous serum 50% eye drops for the treatment of dry eye disease. <i>Cornea</i> , <b>2014</b> , 33, 1245-51	3.1	43
18	Influence of preoperative donor tissue characteristics on graft dislocation rate after Descemet stripping automated endothelial keratoplasty. <i>Cornea</i> , <b>2013</b> , 32, 1527-30	3.1	11
17	Tissue Characteristics and Reported Adverse Events After Corneal Transplantation. <i>Cornea</i> , <b>2013</b> , 32, 1339-43	3.1	8
16	Impact of surgeon acceptance parameters on cost and availability of corneal donor tissue for transplantation. <i>Cornea</i> , <b>2013</b> , 32, 737-40	3.1	9
15	Relationship of visual acuity and lamellar thickness in descemet stripping automated endothelial keratoplasty. <i>Cornea</i> , <b>2013</b> , 32, e69-73	3.1	27
14	Anterior segment optical coherence tomography versus ultrasound pachymetry to measure corneal thickness in endothelial keratoplasty donor corneas. <i>Cornea</i> , <b>2013</b> , 32, e79-82	3.1	7
13	Rapamycin slows aging in mice. <i>Aging Cell</i> , <b>2012</b> , 11, 675-82	9.9	452
12	Corneal donor tissue preparation for endothelial keratoplasty. <i>Journal of Visualized Experiments</i> , <b>2012</b> , e3847	1.6	16
11	Cystic benign melanosis of the conjunctiva. <i>Cornea</i> , <b>2012</b> , 31, 1273-7	3.1	4
10	Corneal endothelium after refractive surgery. <i>Journal of Cataract and Refractive Surgery</i> , <b>2011</b> , 37, 767-71.3	3	4
9	Patient acceptability of the Tecnis multifocal intraocular lens. <i>Clinical Ophthalmology</i> , <b>2011</b> , 5, 403-10	2.5	11
8	Treatment of microsporidia keratitis with topical voriconazole monotherapy. <i>JAMA Ophthalmology</i> , <b>2011</b> , 129, 509-10		31
7	Dissatisfaction after multifocal intraocular lens implantation. <i>Journal of Cataract and Refractive Surgery</i> , <b>2009</b> , 35, 992-7	2.3	262
6	Visual rehabilitation and outcomes for ectasia after corneal refractive surgery. <i>Journal of Cataract and Refractive Surgery</i> , <b>2008</b> , 34, 383-8	2.3	43
5	Risk assessment for ectasia after corneal refractive surgery. <i>Ophthalmology</i> , <b>2008</b> , 115, 37-50	7.3	483
4	The resident surgeon phacoemulsification learning curve. <i>JAMA Ophthalmology</i> , <b>2007</b> , 125, 1215-9		159

3	In vivo confocal microscopy of polymorphic amyloid degeneration and posterior crocodile shagreen. <i>Cornea</i> , <b>2007</b> , 26, 98-101	3.1	9
2	Angiographic shaded surface display artifact falsely suggests ophthalmic artery stenosis. <i>Journal of Neuro-Ophthalmology</i> , <b>2007</b> , 27, 241-2	2.6	
1	Bilateral methicillin-resistant <i>Staphylococcus aureus</i> keratitis after photorefractive keratectomy. <i>Journal of Cataract and Refractive Surgery</i> , <b>2007</b> , 33, 316-9	2.3	9