

# Maria Ana Martinez-Castellanos

## 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.

33

papers

1,068

citations

16

h-index

32

g-index

35

ext. papers

1,234

ext. citations

3.1

avg, IF

3.62

L-index

#	Paper	IF	Citations
33	Fundus autofluorescence in premature infants. <i>Scientific Reports</i> , <b>2021</b> , 11, 8823	4.9	
32	Neurodevelopmental outcomes following bevacizumab treatment for retinopathy of prematurity: a systematic review and meta-analysis. <i>Journal of Perinatology</i> , <b>2021</b> , 41, 2377-2378	3.1	0
31	A proposal of an algorithm for the diagnosis and treatment of recurrence or treatment failure of retinopathy of prematurity after anti-VEGF therapy based on a large case series. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2020</b> , 258, 767-772	3.8	13
30	Variability in Plus Disease Identified Using a Deep Learning-Based Retinopathy of Prematurity Severity Scale. <i>Ophthalmology Retina</i> , <b>2020</b> , 4, 1016-1021	3.8	4
29	Automated Fundus Image Quality Assessment in Retinopathy of Prematurity Using Deep Convolutional Neural Networks. <i>Ophthalmology Retina</i> , <b>2019</b> , 3, 444-450	3.8	31
28	The current state of retinopathy of prematurity in India, Kenya, Mexico, Nigeria, Philippines, Romania, Thailand, and Venezuela. <i>Digital Journal of Ophthalmology: DJO</i> , <b>2019</b> , 25, 49-58	1.3	24
27	Telemedical Diagnosis of Stage 4 and Stage 5 Retinopathy of Prematurity. <i>Ophthalmology Retina</i> , <b>2018</b> , 2, 59-64	3.8	5
26	Plus Disease in Retinopathy of Prematurity: Diagnostic Trends in 2016 Versus 2007. <i>American Journal of Ophthalmology</i> , <b>2017</b> , 176, 70-76	4.9	8
25	Assessment of a Tele-education System to Enhance Retinopathy of Prematurity Training by International Ophthalmologists-in-Training in Mexico. <i>Ophthalmology</i> , <b>2017</b> , 124, 953-961	7.3	22
24	Retinal vascular changes in preterm infants: heart and lung diseases and plus disease. <i>Journal of AAPOS</i> , <b>2017</b> , 21, 488-491.e1	1.3	2
23	Vascular changes on fluorescein angiography of premature infants with low risk of retinopathy of prematurity after high oxygen exposure. <i>International Journal of Retina and Vitreous</i> , <b>2017</b> , 3, 2	2.9	16
22	Imagen de retina de campo ultra-amplio. <i>Revista Mexicana De Oftalmología</i> , <b>2017</b> , 91, 286-296	0.7	2
21	Neurodevelopment in patients with retinopathy of prematurity treated with intravitreal bevacizumab. Case series. <i>Cirugía Y Cirujanos (English Edition)</i> , <b>2017</b> , 85, 478-484	0.3	1
20	The Economic Model of Retinopathy of Prematurity (EcROP) Screening and Treatment: Mexico and the United States. <i>American Journal of Ophthalmology</i> , <b>2016</b> , 168, 110-121	4.9	17
19	Practice Patterns in Retinopathy of Prematurity Treatment for Disease Milder Than Recommended by Guidelines. <i>American Journal of Ophthalmology</i> , <b>2016</b> , 163, 1-10	4.9	24
18	New insights in diagnosis and treatment for Retinopathy of Prematurity. <i>International Ophthalmology</i> , <b>2016</b> , 36, 751-60	2.2	19
17	Evidence to modify guidelines for routine retinopathy of prematurity screening to avoid childhood blindness in middle-income countries. <i>Revista Mexicana De Oftalmología</i> , <b>2016</b> , 90, 167-173	0.7	1

16	Expert Diagnosis of Plus Disease in Retinopathy of Prematurity From Computer-Based Image Analysis. <i>JAMA Ophthalmology</i> , <b>2016</b> , 134, 651-7	3.9	68
15	Plus Disease in Retinopathy of Prematurity: Improving Diagnosis by Ranking Disease Severity and Using Quantitative Image Analysis. <i>Ophthalmology</i> , <b>2016</b> , 123, 2345-2351	7.3	43
14	Influence of Computer-Generated Mosaic Photographs on Retinopathy of Prematurity Diagnosis and Management. <i>JAMA Ophthalmology</i> , <b>2016</b> , 134, 1283-1289	3.9	6
13	Plus Disease in Retinopathy of Prematurity: A Continuous Spectrum of Vascular Abnormality as a Basis of Diagnostic Variability. <i>Ophthalmology</i> , <b>2016</b> , 123, 2338-2344	7.3	45
12	Color fundus photography versus fluorescein angiography in identification of the macular center and zone in retinopathy of prematurity. <i>American Journal of Ophthalmology</i> , <b>2015</b> , 159, 950-7.e2	4.9	20
11	Acceso a entrenamiento en técnicas de exploración para diagnosticar retinopatía del prematuro durante el programa de residencia en oftalmología: encuesta nacional. <i>Revista Mexicana De Oftalmología</i> , <b>2015</b> , 89, 31-36	0.7	
10	Influence of Fluorescein Angiography on the Diagnosis and Management of Retinopathy of Prematurity. <i>Ophthalmology</i> , <b>2015</b> , 122, 1601-8	7.3	52
9	Implementation and evaluation of a tele-education system for the diagnosis of ophthalmic disease by international trainees <b>2015</b> , 2015, 366-75	0.7	14
8	Optic disc and macula detection in fundus images by means of template matching. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2014</b> , 2014, 134-7	0.9	2
7	Comparison of iridocorneal angle in infants with retinopathy of prematurity and healthy infants using spectral domain optical coherence tomography. <i>Journal of AAPOS</i> , <b>2014</b> , 18, 344-6	1.3	13
6	Retinal fluorescein angiographic changes following intravitreal anti-VEGF therapy. <i>Journal of AAPOS</i> , <b>2014</b> , 18, 120-3	1.3	47
5	Fibrin glue evaluation like an adjuvant in vitreo-retinal surgery. <i>Indian Journal of Ophthalmology</i> , <b>2013</b> , 61, 41-2	1.6	1
4	Long-term effect of antiangiogenic therapy for retinopathy of prematurity up to 5 years of follow-up. <i>Retina</i> , <b>2013</b> , 33, 329-38	3.6	90
3	Antiangiogenic therapy with intravitreal bevacizumab for retinopathy of prematurity. <i>Retina</i> , <b>2008</b> , 28, S19-25	3.6	107
2	Twelve-month safety of intravitreal injections of bevacizumab (Avastin): results of the Pan-American Collaborative Retina Study Group (PACORES). <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2008</b> , 246, 81-7	3.8	336
1	Our experience after 1765 intravitreal injections of bevacizumab: the importance of being part of a developing story. <i>Seminars in Ophthalmology</i> , <b>2007</b> , 22, 109-25	2.4	33