

# Carmen Mendez-Hernandez

## List of Publications by Year in descending order

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56  
papers

1,013  
citations

567281

15  
h-index

552781

26  
g-index

64  
all docs

64  
docs citations

64  
times ranked

834  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparación entre el tonómetro de rebote IC200 y el tonómetro de aplanación Perkins en sujetos sanos y pacientes con glaucoma congénito. Archivos De La Sociedad Espanola De Oftalmologia, 2021, 96, 175-180.	0.2	3
2	Ocular Vascular Changes in Mild Alzheimer's Disease Patients: Foveal Avascular Zone, Choroidal Thickness, and ONH Hemoglobin Analysis. Journal of Personalized Medicine, 2020, 10, 231.	2.5	34
3	Diagnostic validity of optic nerve head colorimetric assessment and optical coherence tomography angiography in patients with glaucoma. British Journal of Ophthalmology, 2020, 105, bjophthalmol-2020-316455.	3.9	11
4	Agreement between rebound (Icare ic200) and applanation tonometry (Perkins) in patients with primary congenital glaucoma. Acta Ophthalmologica, 2020, 99, 663-668.	1.1	3
5	CPAMD8 loss-of-function underlies non-dominant congenital glaucoma with variable anterior segment dysgenesis and abnormal extracellular matrix. Human Genetics, 2020, 139, 1209-1231.	3.8	23
6	Gender-related Influences on Superficial Papillary Microcirculation Measured with Optical Coherence Tomography Angiography in Patients with Glaucoma. Current Eye Research, 2020, 45, 1534-1542.	1.5	5
7	Influence of Axial Length on Intraocular Pressure Measurement With Three Tonometers in Childhood Glaucoma. Journal of Pediatric Ophthalmology and Strabismus, 2020, 57, 27-32.	0.7	4
8	Role of FOXC2 and PITX2 rare variants associated with mild functional alterations as modifier factors in congenital glaucoma. PLoS ONE, 2019, 14, e0211029.	2.5	10
9	Retinal nerve fiber layer thickness in children with primary congenital glaucoma measured by spectral domain optical coherence tomography. Journal of AAPOS, 2019, 23, 94.e1-94.e4.	0.3	7
10	Preliminary results of a new method for measuring the spectral absorption of the crystalline lens in vivo. Journal of Cataract and Refractive Surgery, 2018, 44, 512-513.	1.5	0
11	Intraocular pressure following intrastromal corneal ring segments. Acta Ophthalmologica, 2018, 96, e98-e100.	1.1	0
12	Segmentation of the Optic Nerve Head Based on Deep Learning to Determine its Hemoglobin Content in Normal and Glaucomatous Subjects. Journal of Clinical & Experimental Ophthalmology, 2018, 09, .	0.1	4
13	Icare-Pro Rebound Tonometer Versus Hand-held Applanation Tonometer for Pediatric Screening. Journal of Pediatric Ophthalmology and Strabismus, 2018, 55, 382-386.	0.7	11
14	Síndrome de Charles Bonnet en un niño con glaucoma congénito. Archivos De La Sociedad Espanola De Oftalmologia, 2017, 92, 398-400.	0.2	1
15	Whole-Exome Sequencing of Congenital Glaucoma Patients Reveals Hypermorphic Variants in GPATCH3, a New Gene Involved in Ocular and Craniofacial Development. Scientific Reports, 2017, 7, 46175.	3.3	22
16	Tonometry after Intrastromal Corneal Ring Segments for Keratoconus. Optometry and Vision Science, 2017, 94, 986-992.	1.2	6
17	Measuring Intraocular Pressure in Patients With Keratoconus With and Without Intrastromal Corneal Ring Segments. Journal of Glaucoma, 2017, 26, 71-76.	1.6	8
18	Structural and biomechanical corneal differences between patients suffering from primary congenital glaucoma and healthy volunteers. Acta Ophthalmologica, 2017, 95, e107-e112.	1.1	8

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19	Preliminary Study of the Differences in Optic Nerve Head Hemoglobin Measures Between Patients With and Without Childhood Glaucoma. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 2017, 54, 387-394.	0.7	4
20	Glaucoma diagnostic capacity of optic nerve head haemoglobin measures compared with spectral domain OCT and HRT III confocal tomography. <i>Acta Ophthalmologica</i> , 2016, 94, 697-704.	1.1	13
21	Reproducibility of Optic Nerve Head Hemoglobin Measures. <i>Journal of Glaucoma</i> , 2016, 25, 348-354.	1.6	10
22	Rare FOXC1 variants in congenital glaucoma: identification of translation regulatory sequences. <i>European Journal of Human Genetics</i> , 2016, 24, 672-680.	2.8	18
23	Ultrasound Biomicroscopy in Glaucoma. , 2016, , 97-121.		3
24	Measuring Hemoglobin Levels in the Optic Nerve Head for Glaucoma Management. , 2016, , 265-280.		3
25	New technologies for measuring intraocular pressure. <i>Progress in Brain Research</i> , 2015, 221, 67-79.	1.4	14
26	Measuring Intraocular Pressure After Intrastromal Corneal Ring Segment Implantation With Rebound Tonometry and Goldmann Applanation Tonometry. <i>Cornea</i> , 2015, 34, 516-520.	1.7	11
27	Clinical Variability of Primary Congenital Glaucoma in a Spanish Family With Cyp1b1 Gene Mutations. <i>Journal of Glaucoma</i> , 2015, 24, 630-634.	1.6	9
28	The Role of hsa-miR-548l Dysregulation as a Putative Modifier Factor for Glaucoma-Associated FOXC1 Mutations. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , 2015, 4, 50-56.	1.2	8
29	Corneal Segmentation Analysis Increases Glaucoma Diagnostic Ability of Optic Nerve Head Examination, Heidelberg Retina Tomograph's Moorfield's Regression Analysis, and Glaucoma Probability Score. <i>Journal of Ophthalmology</i> , 2015, 2015, 1-8.	1.3	2
30	Clasificación clínica y opciones de tratamiento médico en el glaucoma en la infancia. <i>Archivos De La Sociedad Espanola De Oftalmología</i> , 2015, 90, 557-561.	0.2	1
31	Guía terapéutica del glaucoma crónico por cierre angular primario. <i>Archivos De La Sociedad Espanola De Oftalmología</i> , 2015, 90, 119-138.	0.2	5
32	Síndrome de dispersión pigmentaria asociado a melanocitoma de nervio óptico. <i>Archivos De La Sociedad Espanola De Oftalmología</i> , 2015, 90, 484-486.	0.2	2
33	Hypo- and Hypermorphic FOXC1 Mutations in Dominant Glaucoma: Transactivation and Phenotypic Variability. <i>PLoS ONE</i> , 2015, 10, e0119272.	2.5	24
34	Use of a fibrin adhesive for conjunctival closure in trabeculectomy. <i>Acta Ophthalmologica</i> , 2013, 91, 425-428.	1.1	12
35	Measuring Hemoglobin Levels in the Optic Nerve Head: Comparisons with Other Structural and Functional Parameters of Glaucoma. , 2013, 54, 482.		37
36	Author Response: Estimation of Hemoglobin Levels in the Optic Nerve Head for Glaucoma Management. , 2013, 54, 2011.		5

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37	Effects of corneal thickness on the intraocular penetration of travoprost 0.004%. <i>Eye</i> , 2012, 26, 972-975.	2.1	6
38	Nonorganic Visual Loss and Associated Psychopathology in Children. <i>European Journal of Ophthalmology</i> , 2012, 22, 269-273.	1.3	29
39	Topical intraocular pressure therapy effects on pregnancy. <i>Clinical Ophthalmology</i> , 2012, 6, 1629.	1.8	27
40	Performance of the rebound, noncontact and Goldmann applanation tonometers in routine clinical practice. <i>Acta Ophthalmologica</i> , 2011, 89, 676-680.	1.1	38
41	Comparing Corneal Variables in Healthy Subjects and Patients with Primary Open-Angle Glaucoma. , 2011, 52, 3683.		13
42	<i>WDR36</i> and <i>P53</i> Gene Variants and Susceptibility to Primary Open-Angle Glaucoma: Analysis of Gene-Gene Interactions. , 2011, 52, 8467.		28
43	Comparison of ocular hypotensive actions of fixed combinations of brimonidine/timolol and dorzolamide/timolol. <i>Current Medical Research and Opinion</i> , 2010, 26, 1599-1606.	1.9	14
44	Comparison of Rebound Tonometer and Goldmann Handheld Applanation Tonometer in Congenital Glaucoma. <i>Journal of Glaucoma</i> , 2009, 18, 49-52.	1.6	60
45	Secondary pigment dispersion syndrome after in-the-bag AcrySof intraocular lens SN60AT implantation. <i>Canadian Journal of Ophthalmology</i> , 2008, 43, 120-121.	0.7	5
46	Circadian IOP-lowering efficacy of travoprost 0.004% ophthalmic solution compared to latanoprost 0.005%. <i>Current Medical Research and Opinion</i> , 2006, 22, 1689-1697.	1.9	30
47	Ocular Response Analyzer versus Goldmann Applanation Tonometry for Intraocular Pressure Measurements. , 2006, 47, 4410.		123
48	Medulloepithelioma of the Ciliary Body. <i>Journal of Ultrasound in Medicine</i> , 2005, 24, 247-250.	1.7	16
49	Concomitant administration of travoprost and brinzolamide versus fixed latanoprost/timolol combined therapy: three-month comparison of efficacy and safety. <i>Current Medical Research and Opinion</i> , 2004, 20, 1333-1339.	1.9	24
50	Secondary glaucoma and severe endothelial damage after silicone phakic posterior chamber intraocular lens implantation. <i>Journal of Cataract and Refractive Surgery</i> , 2004, 30, 1786-1789.	1.5	9
51	<i>Listeria monocytogenes</i> –induced endogenous endophthalmitis: bioultrasonic findings. <i>American Journal of Ophthalmology</i> , 2004, 137, 579-581.	3.3	14
52	Ultrasound biomicroscopy examination of posterior chamber phakic intraocular lens position. <i>Ophthalmology</i> , 2003, 110, 163-172.	5.2	97
53	Ultrasound biomicroscopy of silicone posterior chamber phakic intraocular lens for myopia. <i>Journal of Cataract and Refractive Surgery</i> , 2003, 29, 1932-1939.	1.5	52
54	High-frequency ultrasound biomicroscopy of silicone posterior chamber phakic intraocular lens for hyperopia. <i>Journal of Cataract and Refractive Surgery</i> , 2003, 29, 1940-1946.	1.5	30

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55	Peritubular filtration as cause of severe hypotony after Ahmed valve implantation for glaucoma. American Journal of Ophthalmology, 2001, 132, 571-572.	3.3	22
56	Ultrasound Biomicroscopy of an Implantable Miniaturized Telescope. JAMA Ophthalmology, 2001, 119, 1544.	2.4	4