

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	Ocular Response Analyzer versus Goldmann Applanation Tonometry for Intraocular Pressure Measurements. , 2006, 47, 4410.		123
2	Ultrasound biomicroscopy examination of posterior chamber phakic intraocular lens position. Ophthalmology, 2003, 110, 163-172.	5.2	97
3	Comparison of Rebound Tonometer and Goldmann Handheld Applanation Tonometer in Congenital Glaucoma. Journal of Glaucoma, 2009, 18, 49-52.	1.6	60
4	Ultrasound biomicroscopy of silicone posterior chamber phakic intraocular lens for myopia. Journal of Cataract and Refractive Surgery, 2003, 29, 1932-1939.	1.5	52
5	Performance of the rebound, noncontact and Goldmann applanation tonometers in routine clinical practice. Acta Ophthalmologica, 2011, 89, 676-680.	1.1	38
6	Measuring Hemoglobin Levels in the Optic Nerve Head: Comparisons with Other Structural and Functional Parameters of Glaucoma. , 2013, 54, 482.		37
7	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
8	High-frequency ultrasound biomicroscopy of silicone posterior chamber phakic intraocular lens for hyperopia. Journal of Cataract and Refractive Surgery, 2003, 29, 1940-1946.	1.5	30
9	Circadian IOP-lowering efficacy of travoprost 0.004% ophthalmic solution compared to latanoprost 0.005%. Current Medical Research and Opinion, 2006, 22, 1689-1697.	1.9	30
10	Nonorganic Visual Loss and Associated Psychopathology in Children. European Journal of Ophthalmology, 2012, 22, 269-273.	1.3	29
11	<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
12	Topical intraocular pressure therapy effects on pregnancy. Clinical Ophthalmology, 2012, 6, 1629.	1.8	27
13	Concomitant administration of travoprost and brinzolamide versus fixed latanoprost/timolol combined therapy: three-month comparison of efficacy and safety. Current Medical Research and Opinion, 2004, 20, 1333-1339.	1.9	24
14	Hypo- and Hypermorphic FOXC1 Mutations in Dominant Glaucoma: Transactivation and Phenotypic Variability. PLoS ONE, 2015, 10, e0119272.	2.5	24
15	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
16	Peritubular filtration as cause of severe hypotony after Ahmed valve implantation for glaucoma. American Journal of Ophthalmology, 2001, 132, 571-572.	3.3	22
17	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
18	Rare FOXC1 variants in congenital glaucoma: identification of translation regulatory sequences. European Journal of Human Genetics, 2016, 24, 672-680.	2.8	18

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19	Medulloepithelioma of the Ciliary Body. <i>Journal of Ultrasound in Medicine</i> , 2005, 24, 247-250.	1.7	16
20	Listeria monocytogenes-induced endogenous endophthalmitis: bioultrasonic findings. <i>American Journal of Ophthalmology</i> , 2004, 137, 579-581.	3.3	14
21	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
22	New technologies for measuring intraocular pressure. <i>Progress in Brain Research</i> , 2015, 221, 67-79.	1.4	14
23	Comparing Corneal Variables in Healthy Subjects and Patients with Primary Open-Angle Glaucoma. , 2011, 52, 3683.		13
24	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
25	Use of a fibrin adhesive for conjunctival closure in trabeculectomy. <i>Acta Ophthalmologica</i> , 2013, 91, 425-428.	1.1	12
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	Diagnostic validity of optic nerve head colorimetric assessment and optical coherence tomography angiography in patients with glaucoma. <i>British Journal of Ophthalmology</i> , 2020, 105, bjophthalmol-2020-316455.	3.9	11
28	Icare-Pro Rebound Tonometer Versus Hand-held Applanation Tonometer for Pediatric Screening. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 2018, 55, 382-386.	0.7	11
29	Reproducibility of Optic Nerve Head Hemoglobin Measures. <i>Journal of Glaucoma</i> , 2016, 25, 348-354.	1.6	10
30	Role of FOXC2 and PITX2 rare variants associated with mild functional alterations as modifier factors in congenital glaucoma. <i>PLoS ONE</i> , 2019, 14, e0211029.	2.5	10
31	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
32	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
33	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
34	Measuring Intraocular Pressure in Patients With Keratoconus With and Without Intrastromal Corneal Ring Segments. <i>Journal of Glaucoma</i> , 2017, 26, 71-76.	1.6	8
35	Structural and biomechanical corneal differences between patients suffering from primary congenital glaucoma and healthy volunteers. <i>Acta Ophthalmologica</i> , 2017, 95, e107-e112.	1.1	8
36	Retinal nerve fiber layer thickness in children with primary congenital glaucoma measured by spectral domain optical coherence tomography. <i>Journal of AAPOS</i> , 2019, 23, 94.e1-94.e4.	0.3	7

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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	Tonometry after Intrastromal Corneal Ring Segments for Keratoconus. <i>Optometry and Vision Science</i> , 2017, 94, 986-992.	1.2	6
39	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
40	Author Response: Estimation of Hemoglobin Levels in the Optic Nerve Head for Glaucoma Management. , 2013, 54, 2011.		5
41	GuÃa terapÃ©utica del glaucoma crÃ³nico por cierre angular primario. <i>Archivos De La Sociedad Espanola De Oftalmologia</i> , 2015, 90, 119-138.	0.2	5
42	Gender-related Influences on Superficial Papillary Microcirculation Measured with Optical Coherence Tomography Angiography in Patients with Glaucoma. <i>Current Eye Research</i> , 2020, 45, 1534-1542.	1.5	5
43	Segmentation of the Optic Nerve Head Based on Deep Learning to Determine its Hemoglobin Content in Normal and Glaucomatous Subjects. <i>Journal of Clinical & Experimental Ophthalmology</i> , 2018, 09, .	0.1	4
44	Ultrasound Biomicroscopy of an Implantable Miniaturized Telescope. <i>JAMA Ophthalmology</i> , 2001, 119, 1544.	2.4	4
45	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
46	Influence of Axial Length on Intraocular Pressure Measurement With Three Tonometers in Childhood Glaucoma. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 2020, 57, 27-32.	0.7	4
47	Agreement between rebound (Icare ic200) and applanation tonometry (Perkins) in patients with primary congenital glaucoma. <i>Acta Ophthalmologica</i> , 2020, 99, 663-668.	1.1	3
48	Comparaci3n entre el ton3metro de rebote IC200 y el ton3metro de aplanaci3n Perkins en sujetos sanos y pacientes con glaucoma cong3nito. <i>Archivos De La Sociedad Espanola De Oftalmologia</i> , 2021, 96, 175-180.	0.2	3
49	Ultrasound Biomicroscopy in Glaucoma. , 2016, , 97-121.		3
50	Measuring Hemoglobin Levels in the Optic Nerve Head for Glaucoma Management. , 2016, , 265-280.		3
51	Corneal Segmentation Analysis Increases Glaucoma Diagnostic Ability of Optic Nerve Head Examination, Heidelberg Retina Tomograph4™s Moorfield4™s Regression Analysis, and Glaucoma Probability Score. <i>Journal of Ophthalmology</i> , 2015, 2015, 1-8.	1.3	2
52	S3ndrome de dispersi3n pigmentaria asociado a melanocitoma de nervio 3ptico. <i>Archivos De La Sociedad Espanola De Oftalmologia</i> , 2015, 90, 484-486.	0.2	2
53	Clasificaci3n cl3nica y opciones de tratamiento m3dico en el glaucoma en la infancia. <i>Archivos De La Sociedad Espanola De Oftalmologia</i> , 2015, 90, 557-561.	0.2	1
54	S3ndrome de Charles Bonnet en un ni3o con glaucoma cong3nito. <i>Archivos De La Sociedad Espanola De Oftalmologia</i> , 2017, 92, 398-400.	0.2	1

#	ARTICLE	IF	CITATIONS
55	Preliminary results of a new method for measuring the spectral absorption of the crystalline lens in vivo. <i>Journal of Cataract and Refractive Surgery</i> , 2018, 44, 512-513.	1.5	0
56	Intraocular pressure following intrastromal corneal ring segments. <i>Acta Ophthalmologica</i> , 2018, 96, e98-e100.	1.1	0