

JosÃ© J GarcÃ-a-Medina

List of Publications by Year in descending order

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87
papers

1,364
citations

430843

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395678

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98
docs citations

98
times ranked

1634
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative Stress in Primary Open-angle Glaucoma. <i>Journal of Glaucoma</i> , 2008, 17, 263-268.	1.6	136
2	Smoking and Age-Related Macular Degeneration: Review and Update. <i>Journal of Ophthalmology</i> , 2013, 2013, 1-11.	1.3	125
3	Oxidative stress and its downstream signaling in aging eyes. <i>Clinical Interventions in Aging</i> , 2014, 9, 637.	2.9	91
4	A 5-Year Follow-Up of Antioxidant Supplementation in Type 2 Diabetic Retinopathy. <i>European Journal of Ophthalmology</i> , 2011, 21, 637-643.	1.3	65
5	Evaluation of presumptive biomarkers of oxidative stress, immune response and apoptosis in primary open-angle glaucoma. <i>Current Opinion in Pharmacology</i> , 2013, 13, 98-107.	3.5	64
6	Oxidative stress and mitochondrial failure in the pathogenesis of glaucoma neurodegeneration. <i>Progress in Brain Research</i> , 2015, 220, 127-153.	1.4	59
7	A two-year follow-up of oral antioxidant supplementation in primary open-angle glaucoma: an open-label, randomized, controlled trial. <i>Acta Ophthalmologica</i> , 2015, 93, 546-554.	1.1	57
8	Strategies to Reduce Oxidative Stress in Glaucoma Patients. <i>Current Neuropharmacology</i> , 2018, 16, 903-918.	2.9	55
9	Effects of polymorphisms in vitamin E-, vitamin C-, and glutathione peroxidase-related genes on serum biomarkers and associations with glaucoma. <i>Molecular Vision</i> , 2013, 19, 231-42.	1.1	37
10	Glaucoma and Antioxidants: Review and Update. <i>Antioxidants</i> , 2020, 9, 1031.	5.1	36
11	Update on the Effects of Antioxidants on Diabetic Retinopathy: In Vitro Experiments, Animal Studies and Clinical Trials. <i>Antioxidants</i> , 2020, 9, 561.	5.1	35
12	Eclectic Ocular Comorbidities and Systemic Diseases with Eye Involvement: A Review. <i>BioMed Research International</i> , 2016, 2016, 1-10.	1.9	32
13	Comparison of Foveal, Macular, and Peripapillary Intraretinal Thicknesses Between Autism Spectrum Disorder and Neurotypical Subjects. , 2017, 58, 5819.		28
14	Antioxidant Status Modifications by Topical Administration of Dorzolamide in Primary Open-Angle Glaucoma. <i>European Journal of Ophthalmology</i> , 2009, 19, 565-571.	1.3	27
15	Smoking, an additional risk factor in elder women with primary open-angle glaucoma. <i>Molecular Vision</i> , 2009, 15, 2953-9.	1.1	27
16	Enhanced Oxidative Stress and Other Potential Biomarkers for Retinopathy in Type 2 Diabetics: Beneficial Effects of the Nutraceutical Supplements. <i>BioMed Research International</i> , 2015, 2015, 1-12.	1.9	26
17	Do Nutritional Supplements Have a Role in Age Macular Degeneration Prevention?. <i>Journal of Ophthalmology</i> , 2014, 2014, 1-15.	1.3	25
18	Searching for the Antioxidant, Anti-Inflammatory, and Neuroprotective Potential of Natural Food and Nutritional Supplements for Ocular Health in the Mediterranean Population. <i>Foods</i> , 2021, 10, 1231.	4.3	24

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19	Effect of Posterior Capsular Opacification Removal on Macular Optical Coherence Tomography. <i>European Journal of Ophthalmology</i> , 2008, 18, 435-441.	1.3	20
20	miRNAs and Genes Involved in the Interplay between Ocular Hypertension and Primary Open-Angle Glaucoma. Oxidative Stress, Inflammation, and Apoptosis Networks. <i>Journal of Clinical Medicine</i> , 2021, 10, 2227.	2.4	20
21	Ocular Motor Palsy After Spinal Puncture. <i>Regional Anesthesia and Pain Medicine</i> , 2017, 42, 1-9.	2.3	16
22	Comparative Study of Central Corneal Thickness Using Fourier-Domain Optical Coherence Tomography Versus Ultrasound Pachymetry in Primary Open-Angle Glaucoma. <i>Cornea</i> , 2013, 32, 9-13.	1.7	15
23	Normative Database for All Retinal Layer Thicknesses Using SD-OCT Posterior Pole Algorithm and the Effects of Age, Gender and Axial Length. <i>Journal of Clinical Medicine</i> , 2020, 9, 3317.	2.4	15
24	Anesthetic considerations in HELLP syndrome. <i>Acta Anaesthesiologica Scandinavica</i> , 2016, 60, 144-157.	1.6	14
25	A Multi-Locus Genetic Risk Score for Primary Open-Angle Glaucoma (POAG) Variants Is Associated with POAG Risk in a Mediterranean Population: Inverse Correlations with Plasma Vitamin C and E Concentrations. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2302.	4.1	14
26	Clinical and Molecular-Genetic Insights into the Role of Oxidative Stress in Diabetic Retinopathy: Antioxidant Strategies and Future Avenues. <i>Antioxidants</i> , 2020, 9, 1101.	5.1	14
27	The role of neuroinflammation in the pathogenesis of glaucoma neurodegeneration. <i>Progress in Brain Research</i> , 2020, 256, 99-124.	1.4	14
28	Central corneal thickness, intraocular pressure, and degree of myopia in an adult myopic population aged 20 to 40 years in southeast Spain: determination and relationships. <i>Clinical Ophthalmology</i> , 2011, 5, 249.	1.8	13
29	Genetic polymorphism related to exfoliative glaucoma is also associated with primary open-angle glaucoma risk. <i>Clinical and Experimental Ophthalmology</i> , 2015, 43, 26-30.	2.6	12
30	Glaucomatous Maculopathy: Thickness Differences on Inner and Outer Macular Layers between Ocular Hypertension and Early Primary Open-Angle Glaucoma Using 8 Å— 8 Posterior Pole Algorithm of SD-OCT. <i>Journal of Clinical Medicine</i> , 2020, 9, 1503.	2.4	12
31	Effect of posterior capsular opacification removal on scanning laser polarimetry measurements. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2006, 244, 1398-1405.	1.9	11
32	Glutathione-dependent formaldehyde dehydrogenase (ADH3) and low km mitochondrial aldehyde dehydrogenase (ALDH2). New evidence for differential expression in the rat retina in response to oxidative stress. <i>Free Radical Research</i> , 2012, 46, 77-84.	3.3	11
33	Tear ¹ H Nuclear Magnetic Resonance-Based Metabolomics Application to the Molecular Diagnosis of Aqueous Tear Deficiency and Meibomian Gland Dysfunction. <i>Ophthalmic Research</i> , 2021, 64, 297-309.	1.9	11
34	Spinal Anesthesia for Knee Arthroscopy Using Isobaric Bupivacaine and Levobupivacaine: Anesthetic and Neuroophthalmological Assessment. <i>BioMed Research International</i> , 2014, 2014, 1-7.	1.9	10
35	Combined Pre- and Postnatal Ethanol Exposure in Rats Disturbs the Myelination of Optic Axons. <i>Alcohol and Alcoholism</i> , 2011, 46, 514-522.	1.6	9
36	Biomarcadores de peroxidaci3n lipÃdica en el humor acuoso de pacientes con glaucoma primario de Ãngulo abierto. <i>Archivos De La Sociedad Espanola De Oftalmologia</i> , 2016, 91, 357-362.	0.2	9

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37	Sistemas genÃ©ticos para un nuevo abordaje del riesgo de progresiÃ³n de la retinopatÃ­a diabÃ©tica. Archivos De La Sociedad Espanola De Oftalmologia, 2016, 91, 209-216.	0.2	9
38	Optical Coherence Tomography Angiography of Macula and Optic Nerve in Autism Spectrum Disorder: A Pilot Study. Journal of Clinical Medicine, 2020, 9, 3123.	2.4	9
39	Posterior capsular opacification affects scanning laser polarimetry examination. Graefe's Archive for Clinical and Experimental Ophthalmology, 2006, 244, 520-523.	1.9	8
40	Conjunctival Provocation Test for the Diagnosis of Ocular Hypersensitivity to Chlorobutanol. Cornea, 2007, 26, 94-97.	1.7	8
41	Serotonin levels in aqueous humor of patients with primary open-angle glaucoma. Molecular Vision, 2008, 14, 2143-7.	1.1	8
42	Monocular diplopia after neodymium: YAG laser capsulotomy. Graefe's Archive for Clinical and Experimental Ophthalmology, 2005, 243, 1288-1290.	1.9	7
43	The influence of posterior capsular opacification removal on anterior segment birefringence parameters as measured by scanning laser polarimetry. Clinical and Experimental Ophthalmology, 2007, 35, 414-420.	2.6	7
44	Nuevos horizontes para el tratamiento del glaucoma. I: neuroinflamaciÃ³n e inflamasomas. Archivos De La Sociedad Espanola De Oftalmologia, 2018, 93, e7-e9.	0.2	7
45	Effect of posterior capsular opacification removal on automated perimetry. Eye, 2006, 20, 537-545.	2.1	6
46	Severe scleral dellen as an early complication of pterygium excision with simple conjunctival closure and review of the literature. Arquivos Brasileiros De Oftalmologia, 2014, 77, 182-4.	0.5	6
47	Vault changes after cyclopentolate instillation in eyes with posterior chamber phakic intraocular lens. Scientific Reports, 2020, 10, 9646.	3.3	6
48	Clinical-Evolutionary Staging System of Primary Open-Angle Glaucoma Using Optical Coherence Tomography. Journal of Clinical Medicine, 2020, 9, 1530.	2.4	6
49	Treatment of Open-Angle Glaucoma and Ocular Hypertension with Preservative-Free Tafluprost/Timolol Fixed-Dose Combination Therapy: Results from the VISIONARY Study Population in Spain. Journal of Ocular Pharmacology and Therapeutics, 2022, 38, 252-260.	1.4	6
50	Comparison of global indices and test duration between two visual field analyzers: Octopus 300 and Topcon SBP-3000. Graefe's Archive for Clinical and Experimental Ophthalmology, 2012, 250, 1347-1351.	1.9	5
51	Optic nerve hypoplasia and internal carotid artery hypoplasia: a new association. Canadian Journal of Ophthalmology, 2017, 52, e173-e177.	0.7	5
52	Doses and effects of levobupivacaine and bupivacaine for spinal anaesthesia. British Journal of Anaesthesia, 2014, 113, 521-522.	3.4	4
53	Anesthetic considerations for Cesarean section in a parturient with Charcot-Marie-Tooth disease and HELLP syndrome. Journal of Clinical Anesthesia, 2014, 26, 251-252.	1.6	4
54	Does Posterior Capsule Opacification Affect the Results of Diagnostic Technologies to Evaluate the Retina and the Optic Disc?. BioMed Research International, 2015, 2015, 1-8.	1.9	4

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55	Unilateral and irreversible optic neuropathy associated to infliximab treatment: 3-year follow-up. <i>Scandinavian Journal of Gastroenterology</i> , 2016, 51, 765-766.	1.5	4
56	Mapeo de los cambios de grosor en el glaucoma de las capas retinianas maculares segmentadas usando el programa de polo posterior de la tomografía de coherencia óptica de dominio espectral. <i>Archivos De La Sociedad Española De Oftalmología</i> , 2018, 93, 263-273.	0.2	4
57	Computational Analysis of Clinical and Molecular Markers and New Theranostic Possibilities in Primary Open-Angle Glaucoma. <i>Journal of Clinical Medicine</i> , 2020, 9, 3032.	2.4	4
58	Herpetic Blepharitis and Inhaled Budesonide. <i>Ophthalmology</i> , 2011, 118, 2520.e5-2520.e7.	5.2	3
59	Subdural hygroma accompanied by parenchymal and subarachnoid haemorrhage after epidural analgesia in an obstetric patient. <i>Acta Anaesthesiologica Scandinavica</i> , 2014, 58, 897-902.	1.6	3
60	Anaesthetic management of a patient with Charcot's "Marie" Tooth disease for staged diaphragmatic plication. <i>British Journal of Anaesthesia</i> , 2014, 112, 390.	3.4	3
61	What to eat and drink in glaucoma? Evidence from human studies. <i>Archivos De La Sociedad Española De Oftalmología</i> , 2014, 89, 89-91.	0.2	3
62	Identificación de nuevos genes candidatos para la retinopatía en diabéticos tipo 2. Estudio Valencia sobre Retinopatía Diabética (EVRD). Informe n.º 3. <i>Archivos De La Sociedad Española De Oftalmología</i> , 2018, 93, 211-219.	0.2	3
63	Focal vitreomacular traction: Resolution after ocular massage. <i>American Journal of Ophthalmology Case Reports</i> , 2019, 14, 61-63.	0.7	3
64	Macular Structure-Function Relationships of All Retinal Layers in Primary Open-Angle Glaucoma Assessed by Microperimetry and 8-8 Posterior Pole Analysis of OCT. <i>Journal of Clinical Medicine</i> , 2021, 10, 5009.	2.4	3
65	Los miRNAs como potenciales biomarcadores de las enfermedades oculares. <i>Archivos De La Sociedad Española De Oftalmología</i> , 2015, 90, 604-605.	0.2	2
66	Ocular Comorbidities and the Relationship between Eye Diseases and Systemic Disorders. <i>BioMed Research International</i> , 2016, 2016, 1-2.	1.9	2
67	Signature of Circulating Biomarkers in Recurrent Non-Infectious Anterior Uveitis. Immunomodulatory Effects of DHA-Triglyceride. A Pilot Study. <i>Diagnostics</i> , 2021, 11, 724.	2.6	2
68	Oxidative stress in diabetic retinopathy. , 2020, , 49-57.		2
69	Updates in Clinical and Translational Glaucoma Research. <i>Journal of Clinical Medicine</i> , 2022, 11, 221.	2.4	2
70	Changes in Scanning Laser Polarimetry Before and After Laser Capsulotomy for Posterior Capsular Opacification. <i>Journal of Glaucoma</i> , 2007, 16, 640.	1.6	1
71	The influence of posterior capsule opacification on scanning laser polarimetry. <i>Eye</i> , 2007, 21, 264-265.	2.1	1
72	Scanning laser polarimetry: what could we measure?. <i>Clinical and Experimental Ophthalmology</i> , 2008, 36, 100-101.	2.6	1

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73	SLC23A2 Gene Variation, Vitamin C Levels, and Glaucoma. , 2014, , 549-556.		1
74	Antioxidant Supplements and Diabetic Retinopathy. , 2014, , 213-222.		1
75	Evaluating the Usefulness of MP-3 Microperimetry in Glaucoma Patients. American Journal of Ophthalmology, 2018, 190, 200-201.	3.3	1
76	Combined Pre- and Post-Natal Ethanol Exposure in Rats Disturbs the Myelination of Optic Axons. Alcohol and Alcoholism, 2012, 47, 225-225.	1.6	0
77	Re: Effects of posterior capsular opacification on the evaluation of retinal nerve fiber layer as measured by Stratus optical coherence tomography. 47(2). Canadian Journal of Ophthalmology, 2012, 47, 458.	0.7	0
78	Surgical eye whitening. Cosmesis versus safety. Archivos De La Sociedad Espanola De Oftalmologia, 2013, 88, 413-414.	0.2	0
79	Effect of posterior capsulotomy with a neodymium:YAG laser. Assessment of safety in foveal thickness, intraocular pressure and endothelial cell counts in pseudophakic patients with posterior capsular opacity. Archivos De La Sociedad Espanola De Oftalmologia, 2014, 89, 387-388.	0.2	0
80	Intrathecal local anaesthetics in ambulatory surgery. Acta Anaesthesiologica Scandinavica, 2014, 58, 906-906.	1.6	0
81	A comparison of spinal anesthesia characteristics following intrathecal bupivacaine or levobupivacaine in lumbar disc surgery. European Spine Journal, 2014, 23, 1573-1574.	2.2	0
82	Diabetic Retinopathy and Oxidative Stress. , 2014, , 33-40.		0
83	Efecto de la capsulotomÃa posterior con lÃ¡ser neodymium:YAG. ValoraciÃ³n de seguridad en el grosor foveal, la presiÃ³n intraocular y el recuento de cÃ©lulas endoteliales en pacientes pseudofÃ¡quicos con opacidad de cÃ¡psula posterior. Archivos De La Sociedad Espanola De Oftalmologia, 2014, 89, 387-388.	0.2	0
84	Colirios hipotensores: la historia interminable. Â¿Hay que considerar algo mÃ¡s que los principios activos?. Archivos De La Sociedad Espanola De Oftalmologia, 2017, 92, 199-201.	0.2	0
85	Preexisting Ocular Motor Palsy and Central Neuroaxial Block. Regional Anesthesia and Pain Medicine, 2017, 42, 540-541.	2.3	0
86	Ocular Motor Palsy After Spinal Puncture. Survey of Anesthesiology, 2017, 61, 112.	0.1	0
87	Antioxidant supplementation in diabetic retinopathy. , 2020, , 169-185.		0