

Francisco Gonzalez

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

2,319
citations

257101

24
h-index

233125

45
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93
all docs

93
docs citations

93
times ranked

3144
citing authors

#	ARTICLE	IF	CITATIONS
1	Central Ceramide-Induced Hypothalamic Lipotoxicity and ER Stress Regulate Energy Balance. <i>Cell Reports</i> , 2014, 9, 366-377.	2.9	195
2	Hypothalamic AMPK-ER Stress-JNK1 Axis Mediates the Central Actions of Thyroid Hormones on Energy Balance. <i>Cell Metabolism</i> , 2017, 26, 212-229.e12.	7.2	167
3	Hypothalamic-autonomic control of energy homeostasis. <i>Endocrine</i> , 2015, 50, 276-291.	1.1	142
4	Neural mechanisms underlying stereoscopic vision. <i>Progress in Neurobiology</i> , 1998, 55, 191-224.	2.8	130
5	Digital Retinal Images and Teleophthalmology for Detecting and Grading Diabetic Retinopathy. <i>Diabetes Care</i> , 2002, 25, 1384-1389.	4.3	125
6	The brain and brown fat. <i>Annals of Medicine</i> , 2015, 47, 150-168.	1.5	124
7	A Functional Link between AMPK and Orexin Mediates the Effect of BMP8B on Energy Balance. <i>Cell Reports</i> , 2016, 16, 2231-2242.	2.9	102
8	Personal authentication using digital retinal images. <i>Pattern Analysis and Applications</i> , 2006, 9, 21-33.	3.1	93
9	Corneal Epithelial Wound Healing and Bactericidal Effect of Conditioned Medium From Human Uterine Cervical Stem Cells. <i>Investigative Ophthalmology and Visual Science</i> , 2015, 56, 983-992.	3.3	77
10	Anti-inflammatory effect of conditioned medium from human uterine cervical stem cells in uveitis. <i>Experimental Eye Research</i> , 2016, 149, 84-92.	1.2	67
11	Retinal Nerve Fiber Layer Thickness, Brain Atrophy, and Disability in Multiple Sclerosis Patients. <i>Journal of Neuro-Ophthalmology</i> , 2014, 34, 23-28.	0.4	59
12	DIODE LASER PHOTOCOAGULATION IN IDIOPATHIC POLYPOIDAL CHOROIDAL VASCULOPATHY. <i>Retina</i> , 1998, 18, 481-483.	1.0	53
13	Pemphigus vulgaris: benefits of tetracycline as adjuvant therapy in a series of thirteen patients. <i>International Journal of Dermatology</i> , 1999, 38, 217-221.	0.5	49
14	Time Course of Cold Cataract Development in Anesthetized Mice. <i>Current Eye Research</i> , 2011, 36, 278-284.	0.7	45
15	Age and gender influence on foveal avascular zone in healthy eyes. <i>Experimental Eye Research</i> , 2019, 189, 107856.	1.2	43
16	Taste and Smell Dysfunction in COVID-19 Patients. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2020, 129, 1041-1042.	0.6	39
17	Location of neurons projecting to the retina in mammals. <i>Neuroscience Research</i> , 1990, 8, 291-302.	1.0	37
18	A Comparative Cost Analysis of Digital Fundus Imaging and Direct Fundus Examination for Assessment of Diabetic Retinopathy. <i>Telemedicine Journal and E-Health</i> , 2008, 14, 912-918.	1.6	34

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19	Endogenous Erythropoietin Protects Neuroretinal Function in Ischemic Retinopathy. American Journal of Pathology, 2012, 180, 1726-1739.	1.9	33
20	Orbital Emphysema After Sneezing. Ophthalmic Plastic and Reconstructive Surgery, 2005, 21, 309-311.	0.4	32
21	Binocular matching in monkey visual cortex: Single cell responses to correlated and uncorrelated dynamic random dot stereograms. Neuroscience, 1993, 52, 933-939.	1.1	30
22	Choroidal Vascular Abnormality in Purtscher's Retinopathy Shown by Indocyanine Green Angiography. American Journal of Ophthalmology, 1996, 122, 261-263.	1.7	29
23	Cell responses to vertical and horizontal retinal disparities in the monkey visual cortex. Neuroscience Letters, 1993, 160, 167-170.	1.0	28
24	Corneal regeneration by conditioned medium of human uterine cervical stem cells is mediated by TIMP-1 and TIMP-2. Experimental Eye Research, 2019, 180, 110-121.	1.2	25
25	Ocular blood flow velocity reduction after buckling surgery. Graefe's Archive for Clinical and Experimental Ophthalmology, 1994, 32, 666-669.	1.0	23
26	Putamen neurons process both sensory and motor information during a complex task. Brain Research, 2012, 1466, 70-81.	1.1	23
27	<i>In Vivo</i> Light-Driven DNA Binding and Cellular Uptake of Nucleic Acid Stains. ACS Chemical Biology, 2012, 7, 1276-1280.	1.6	22
28	“ New methods Telemedicine system for the care of patients with neuromuscular disease and chronic respiratory failure. Archives of Medical Science, 2014, 5, 1047-1051.	0.4	22
29	Longitudinal study of retinal nerve fiber layer thickness changes in a multiple sclerosis patients cohort: A long term 5 year follow-up. Multiple Sclerosis and Related Disorders, 2018, 19, 124-128.	0.9	22
30	Anteroposterior shift in rigid and soft implants supported by the intraocular capsular bag. Graefe's Archive for Clinical and Experimental Ophthalmology, 1992, 30, 237-239.	1.0	21
31	Activity of neurons in the caudate and putamen during a visuomotor task. NeuroReport, 2008, 19, 1141-1145.	0.6	19
32	Review of Intraocular Pharmacokinetics of Anti-Infectives Commonly Used in the Treatment of Infectious Endophthalmitis. Pharmaceutics, 2018, 10, 66.	2.0	19
33	Neurons located in the trigeminal sensory complex and the lateral pontine tegmentum project to the oculomotor nucleus in the rabbit. Brain Research, 1993, 601, 1-13.	1.1	17
34	Development and Characterization of a Tacrolimus/Hydroxypropyl- β -Cyclodextrin Eye Drop. Pharmaceutics, 2021, 13, 149.	2.0	17
35	Generation of dynamic random-element stereograms in real time with a system based on a personal computer. Medical and Biological Engineering and Computing, 1994, 32, 373-376.	1.6	15
36	Modulation of cell responses to horizontal disparities by ocular vergence in the visual cortex of the awake macaca mulatta monkey. Neuroscience Letters, 1998, 245, 101-104.	1.0	15

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37	Monocular Visual Loss in a Patient Undergoing Cisplatin Chemotherapy. <i>International Ophthalmology</i> , 2001, 24, 301-304.	0.6	14
38	Does the pulvinar-LP complex contribute to motor programming?. <i>Brain Research</i> , 1989, 484, 367-370.	1.1	13
39	Evaluation of Retinal Digital Images by a General Practitioner. <i>Telemedicine Journal and E-Health</i> , 2007, 13, 287-292.	1.6	13
40	Unintentional intraocular injection of corticosteroids. <i>Acta Ophthalmologica</i> , 2009, 71, 419-421.	0.6	12
41	Extraocular Muscle Involvement in MALT Lymphomas. <i>Orbit</i> , 2011, 30, 186-188.	0.5	12
42	Telephone consultation in primary care. <i>Journal of Health Organization and Management</i> , 2018, 32, 321-337.	0.6	12
43	Central serous chorioretinopathy following pigment epithelium detachment: fluorescein and indocyanine green angiography follow-up. <i>Acta Ophthalmologica</i> , 2000, 78, 232-234.	0.4	11
44	Sensitivity to horizontal and vertical disparity and orientation preference in areas V1 and V2 of the monkey. <i>NeuroReport</i> , 2003, 14, 829-832.	0.6	11
45	Palpebro-orbital Myiasis in a Patient with Basal Cell Carcinoma. <i>European Journal of Ophthalmology</i> , 2009, 19, 683-685.	0.7	11
46	Chloral Hydrate Anesthesia and Lens Opacification in Mice. <i>Current Eye Research</i> , 2009, 34, 355-359.	0.7	11
47	Indocyanine green angiography in isolated primary retinal arterial macroaneurysms. <i>Acta Ophthalmologica</i> , 1998, 76, 671-674.	0.4	10
48	Publication Output in Telemedicine in Spain. <i>Journal of Telemedicine and Telecare</i> , 2005, 11, 23-28.	1.4	10
49	Retinal Correspondence of Monocular Receptive Fields in Disparity-Sensitive Complex Cells from Area V1 in the Awake Monkey. , 2005, 46, 1533.		10
50	Eye dominance and response latency in area V1 of the monkey. <i>Visual Neuroscience</i> , 2007, 24, 757-761.	0.5	9
51	Spatial frequency components influence cell activity in the inferotemporal cortex. <i>Visual Neuroscience</i> , 2009, 26, 421-428.	0.5	9
52	Response latencies to visual stimulation and disparity sensitivity in single cells of the awake Macaca mulatta visual cortex. <i>Neuroscience Letters</i> , 2001, 299, 41-44.	1.0	8
53	Receptive field organization of disparity-sensitive cells in Macaque medial superior temporal cortex. <i>European Journal of Neuroscience</i> , 2001, 14, 167-173.	1.2	8
54	Bilateral ocular involvement in encephalocraniocutaneous lipomatosis. <i>European Journal of Paediatric Neurology</i> , 2007, 11, 108-110.	0.7	8

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55	Pilomatrixoma: Late Onset in Two Periocular Cases. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , 2008, 24, 60-62.	0.4	8
56	Thyroid eye disease: current and potential medical management. <i>International Ophthalmology</i> , 2020, 40, 1035-1048.	0.6	8
57	Eyelid Kaposi Sarcoma in an HIV-negative Patient. <i>Indian Journal of Ophthalmology</i> , 2018, 66, 854.	0.5	8
58	Telemedicine reduces referral of diabetic patients to ophthalmologists. <i>Journal of Telemedicine and Telecare</i> , 2003, 9, 307-308.	1.4	7
59	Evidence of Basal Temporo-occipital Cortex Involvement in Stereoscopic Vision in Humans: A Study with Subdural Electrode Recordings. <i>Cerebral Cortex</i> , 2004, 15, 117-122.	1.6	7
60	Hemifield dependence of responses to colour in human fusiform gyrus. <i>Vision Research</i> , 2006, 46, 2499-2504.	0.7	7
61	Eyelid Metastasis as the Initial Presentation of a Renal Cell Carcinoma. <i>Urology</i> , 2015, 85, e35-e36.	0.5	7
62	PET study of ocular and blood pharmacokinetics of intravitreal bevacizumab and aflibercept in rats. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 154, 330-337.	2.0	7
63	Anti-Inflammatory Effect of Tacrolimus/Hydroxypropyl- β -Cyclodextrin Eye Drops in an Endotoxin-Induced Uveitis Model. <i>Pharmaceutics</i> , 2021, 13, 1737.	2.0	7
64	Preclinical PET Study of Intravitreal Injections. , 2017, 58, 2843-2851.		7
65	Interocular temporal delay sensitivity in the visual cortex of the awake monkey. <i>European Journal of Neuroscience</i> , 1999, 11, 2593-2595.	1.2	5
66	Publication output in telemedicine in Spain. <i>Journal of Telemedicine and Telecare</i> , 2005, 11, 23-28.	1.4	5
67	Corneal graft after drug-induced toxic epidermal necrolysis (Lyell's disease). <i>International Ophthalmology</i> , 1997, 21, 39-41.	0.6	4
68	Depth Perception in Random Dot Stereograms Is Not Affected by Changes in Either Vergence or Accommodation. <i>Optometry and Vision Science</i> , 1998, 75, 743-747.	0.6	4
69	Diode laser photocoagulation of choroidal neovascularization associated with retinal pigment epithelial detachment. <i>Acta Ophthalmologica</i> , 2001, 79, 39-44.	0.4	4
70	Binocular interaction and performance of visual tasks. <i>Ophthalmic and Physiological Optics</i> , 2004, 24, 82-90.	1.0	4
71	Algorithm for registration of full Scanning Laser Ophthalmoscope video sequences. <i>Computer Methods and Programs in Biomedicine</i> , 2011, 102, 1-16.	2.6	4
72	Novel variant in the <i>TP63</i> gene associated to ankyloblepharon-ectodermal dysplasia-cleft lip/palate (AEC) syndrome. <i>Ophthalmic Genetics</i> , 2017, 38, 277-280.	0.5	4

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73	Short oligoalanine helical peptides for supramolecular nanopore assembly and protein cytosolic delivery. <i>RSC Chemical Biology</i> , 2021, 2, 503-512.	2.0	4
74	Binocular Interaction and Sensitivity to Horizontal Disparity in Visual Cortex in the Awake Monkey. <i>International Journal of Neuroscience</i> , 2001, 107, 147-160.	0.8	3
75	Orientation preference and horizontal disparity sensitivity in the monkey visual cortex. <i>Ophthalmic and Physiological Optics</i> , 2010, 30, 824-833.	1.0	3
76	Metastatic B-cell lymphoma of the cecum masquerading as Tolosa-Hunt syndrome. <i>Canadian Journal of Ophthalmology</i> , 2007, 42, 323-5.	0.4	3
77	Cortical blindness secondary to posterior reversible encephalopathy syndrome, recovered by successful blood pressure management. <i>Arquivos Brasileiros De Oftalmologia</i> , 2017, 80, 324-326.	0.2	3
78	Temporal characteristics of visual receptive fields in primary visual cortex and medial superior temporal cortex areas. <i>NeuroReport</i> , 2006, 17, 565-569.	0.6	2
79	Sensitivity to direction and orientation of random dot stereobars in the monkey visual cortex. <i>European Journal of Neuroscience</i> , 2007, 25, 2536-2546.	1.2	2
80	Hand sanitiser-associated ocular chemical injury in children. <i>Journal of Paediatrics and Child Health</i> , 2021, , .	0.4	2
81	Neural activity in monkey amygdala during performance of a multisensory operant task. <i>Journal of Integrative Neuroscience</i> , 2015, 14, 309-323.	0.8	1
82	Visual Perception in Anterior Temporal Lobectomy. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2016, 77, 118-129.	0.4	1
83	Differential sensitivity of the On and Off visual responses to retinal ischemia. <i>Experimental Eye Research</i> , 2020, 191, 107906.	1.2	1
84	Teleophthalmology in Spain. , 2006, , 195-201.		1
85	Measurements of the periocular facial area with Web-based software. <i>Journal of Telemedicine and Telecare</i> , 2005, 11, 347-353.	1.4	1
86	Histopathological and ultrasound biomicroscopy findings in a case of irreversible mydriasis after keratoplasty in keratoconus. <i>Acta Ophthalmologica</i> , 1997, 75, 474-476.	0.4	0
87	Nucleofection of whole murine retinas. <i>Cytotechnology</i> , 2013, 65, 523-532.	0.7	0
88	PeriorbitopatÃa asociada a prostaglandinas. <i>Archivos De La Sociedad Espanola De Oftalmologia</i> , 2016, 91, 207-208.	0.1	0
89	Spatial Frequency Components of Images Modulate Neuronal Activity in Monkey Amygdala. <i>Perception</i> , 2016, 45, 375-385.	0.5	0
90	The Kon-Tiki expedition and telemedicine. <i>Journal of Telemedicine and Telecare</i> , 2018, 24, 440-441.	1.4	0

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91	Telenursing in Chronic Respiratory Diseases. Computers in Health Care, 2011, , 107-118.	0.2	0
92	Measurements of the Periocular Facial Area with Web-Based Software. Journal of Telemedicine and Telecare, 2005, 11, 347-353.	1.4	0