

# Francisco J Diaz-Corrales

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

1,755  
citations

361045

20  
h-index

276539

41  
g-index

49  
all docs

49  
docs citations

49  
times ranked

3072  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevalence of Age-Related Macular Degeneration in Europe. <i>Ophthalmology</i> , 2017, 124, 1753-1763.	2.5	337
2	Direct evidence for expression of dopamine receptors in astrocytes from basal ganglia. <i>Brain Research</i> , 2004, 1029, 120-123.	1.1	117
3	Neuroprotective effects of zonisamide target astrocyte. <i>Annals of Neurology</i> , 2010, 67, 239-249.	2.8	109
4	Methamphetamine-induced dopaminergic neurotoxicity is regulated by quinone formation-related molecules. <i>FASEB Journal</i> , 2006, 20, 571-573.	0.2	101
5	DISC1 localizes to the centrosome by binding to kendrin. <i>Biochemical and Biophysical Research Communications</i> , 2004, 317, 1195-1199.	1.0	100
6	Mediterranean Diet and Incidence of Advanced Age-Related Macular Degeneration. <i>Ophthalmology</i> , 2019, 126, 381-390.	2.5	89
7	Increased High-Density Lipoprotein Levels Associated with Age-Related Macular Degeneration. <i>Ophthalmology</i> , 2019, 126, 393-406.	2.5	88
8	Study of Cerebello-Thalamocortical Pathway by Transcranial Magnetic Stimulation in Parkinson's Disease. <i>Brain Stimulation</i> , 2013, 6, 582-589.	0.7	75
9	Clinical features and 123I-FP-CIT SPECT imaging in drug-induced parkinsonism and Parkinson's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010, 37, 556-564.	3.3	59
10	Rotenone induces aggregation of $\beta$ -tubulin protein and subsequent disorganization of the centrosome: Relevance to formation of inclusion bodies and neurodegeneration. <i>Neuroscience</i> , 2005, 133, 117-135.	1.1	55
11	Striatal Astrocytes Act as a Reservoir for L-DOPA. <i>PLoS ONE</i> , 2014, 9, e106362.	1.1	48
12	Retinal pigment epithelium degeneration caused by aggregation of PRPF31 and the role of HSP70 family of proteins. <i>Molecular Medicine</i> , 2020, 26, 1.	1.9	45
13	Preventing effects of a novel anti-parkinsonian agent zonisamide on dopamine quinone formation. <i>Neuroscience Research</i> , 2008, 60, 106-113.	1.0	42
14	Brain-derived neurotrophic factor G196A polymorphism and clinical features in Parkinson's disease. <i>Acta Neurologica Scandinavica</i> , 2010, 122, 41-45.	1.0	37
15	Hypoxia Increases the Yield of Photoreceptors Differentiating from Mouse Embryonic Stem Cells and Improves the Modeling of Retinogenesis In Vitro. <i>Stem Cells</i> , 2013, 31, 966-978.	1.4	36
16	Prevalence and clinical features of LRRK2 mutations in patients with Parkinson's disease in southern Spain. <i>European Journal of Neurology</i> , 2009, 16, 957-960.	1.7	32
17	Quinone formation as dopaminergic neuron-specific oxidative stress in the pathogenesis of sporadic Parkinson's disease and neurotoxin-induced parkinsonism. <i>Acta Medica Okayama</i> , 2004, 58, 221-33.	0.1	32
18	Embryonic expression of pericentrin suggests universal roles in ciliogenesis. <i>Development Genes and Evolution</i> , 2006, 216, 537-542.	0.4	29

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19	ATR localizes to the photoreceptor connecting cilium and deficiency leads to severe photoreceptor degeneration in mice. <i>Human Molecular Genetics</i> , 2013, 22, 1507-1515.	1.4	27
20	L-DOPA treatment from the viewpoint of neuroprotection. <i>Journal of Neurology</i> , 2005, 252, iv23-iv31.	1.8	26
21	pEPito-driven <i>pPEDF</i> Expression Ameliorates Diabetic Retinopathy Hallmarks. <i>Human Gene Therapy Methods</i> , 2016, 27, 79-86.	2.1	22
22	Span poly-L-arginine nanoparticles are efficient non-viral vectors for PRPF31 gene delivery: An approach of gene therapy to treat retinitis pigmentosa. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 2251-2260.	1.7	18
23	Rotenone induces disassembly of the Golgi apparatus in the rat dopaminergic neuroblastoma B65 cell line. <i>Neuroscience Letters</i> , 2004, 354, 59-63.	1.0	17
24	Dopamine Agonist Pergolide Prevents Levodopa-Induced Quinoprotein Formation in Parkinsonian Striatum and Shows Quenching Effects on Dopamine-Semiquinone Generated in Vitro. <i>Clinical Neuropharmacology</i> , 2005, 28, 155-160.	0.2	17
25	Rasagiline delays retinal degeneration in a mouse model of retinitis pigmentosa via modulation of Bax/Bcl-2 expression. <i>CNS Neuroscience and Therapeutics</i> , 2018, 24, 448-455.	1.9	17
26	<i>Nocardia otitidiscaviarum</i> (GAM-5) induces parkinsonian-like alterations in mouse. <i>Brazilian Journal of Medical and Biological Research</i> , 2004, 37, 539-548.	0.7	16
27	Suppression of p53-activated gene, PAC608, attenuates methamphetamine-induced neurotoxicity. <i>Neuroscience Letters</i> , 2007, 414, 263-267.	1.0	16
28	Dissecting the role of EYS in retinal degeneration: clinical and molecular aspects and its implications for future therapy. <i>Orphanet Journal of Rare Diseases</i> , 2021, 16, 222.	1.2	16
29	Subretinal Transplant of Induced Pluripotent Stem Cell-Derived Retinal Pigment Epithelium on Nanostructured Fibrin-Agarose. <i>Tissue Engineering - Part A</i> , 2019, 25, 799-808.	1.6	15
30	Analysis of gene network bifurcation during optic cup morphogenesis in zebrafish. <i>Nature Communications</i> , 2021, 12, 3866.	5.8	14
31	Centrosomal aggregates and Golgi fragmentation disrupt vesicular trafficking of DAT. <i>Neurobiology of Aging</i> , 2012, 33, 2462-2477.	1.5	11
32	Electrostimulation in an autonomous culture lab-on-chip provides neuroprotection of a retinal explant from a retinitis pigmentosa mouse-model. <i>Sensors and Actuators B: Chemical</i> , 2019, 288, 337-346.	4.0	11
33	The Resveratrol Prodrug JC19 Delays Retinal Degeneration in rd10 Mice. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1185, 457-462.	0.8	10
34	Pramipexole has ameliorating effects on levodopa-induced abnormal dopamine turnover in parkinsonian striatum and quenching effects on dopamine-semiquinone generated in vitro. <i>Neurological Research</i> , 2005, 27, 533-539.	0.6	9
35	Sensory perception changes induced by transcranial magnetic stimulation over the primary somatosensory cortex in Parkinson's disease. <i>Movement Disorders</i> , 2011, 26, 2058-2064.	2.2	9
36	Glucose-6-phosphate dehydrogenase activity in Parkinson's disease. <i>Journal of Neurology</i> , 2008, 255, 1850-1851.	1.8	8

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37	Specific induction of PAG608 in cranial and spinal motor neurons of L-DOPA-treated parkinsonian rats. <i>Neuroscience Research</i> , 2008, 60, 355-363.	1.0	8
38	Mesoporous Silica-Based Nanoparticles as Non-Viral Gene Delivery Platform for Treating Retinitis Pigmentosa. <i>Journal of Clinical Medicine</i> , 2022, 11, 2170.	1.0	8
39	Dopamine induces supernumerary centrosomes and subsequent cell death through Cdk2 up-regulation in dopaminergic neuronal cells. <i>Neurotoxicity Research</i> , 2008, 14, 295-305.	1.3	7
40	Transplantation of Melanocytes Obtained from the Skin Ameliorates Apomorphine-Induced Abnormal Behavior in Rodent Hemi-Parkinsonian Models. <i>PLoS ONE</i> , 2013, 8, e65983.	1.1	7
41	Generation of a human iPSC cell line from a patient with retinitis pigmentosa due to EYS mutation. <i>Stem Cell Research</i> , 2018, 33, 251-254.	0.3	4
42	Centrosome overduplication induced by rotenone treatment affects the cellular distribution of p53 tumor suppressor protein in the neuroblastoma B65 cell line. <i>Psychiatry and Clinical Neurosciences</i> , 2006, 60, S18.	1.0	3
43	Biocompatibility Study of a Commercial Printed Circuit Board for Biomedical Applications: Lab-on-PCB for Organotypic Retina Cultures. <i>Micromachines</i> , 2021, 12, 1469.	1.4	3
44	Generation of a human iPSC cell line (CABi003-A) from a patient with age-related macular degeneration carrying the CFH Y402H polymorphism. <i>Stem Cell Research</i> , 2019, 38, 101473.	0.3	1
45	Generation and characterization of the human iPSC line CABi001-A from a patient with retinitis pigmentosa caused by a novel mutation in PRPF31 gene. <i>Stem Cell Research</i> , 2019, 36, 101426.	0.3	1
46	Astrogliosis promotes functional recovery of completely transected spinal cord following transplantations of hESC-derived oligodendrocyte and motoneuron progenitors. <i>Cytherapy</i> , 2013, 15, S47.	0.3	0