

# Daniel Pelaez

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

1,080  
citations

516710

16  
h-index

434195

31  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1575  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclic Compression Maintains Viability and Induces Chondrogenesis of Human Mesenchymal Stem Cells in Fibrin Gel Scaffolds. <i>Stem Cells and Development</i> , 2009, 18, 93-102.	2.1	138
2	Plasticity of stem cells derived from adult periodontal ligament. <i>Regenerative Medicine</i> , 2009, 4, 809-821.	1.7	137
3	Progress of mesenchymal stem cell therapy for neural and retinal diseases. <i>World Journal of Stem Cells</i> , 2014, 6, 111.	2.8	107
4	Nicotine Alters MicroRNA Expression and Hinders Human Adult Stem Cell Regenerative Potential. <i>Stem Cells and Development</i> , 2013, 22, 781-790.	2.1	55
5	Extracellular signal-regulated kinase (ERK) dictates osteogenic and/or chondrogenic lineage commitment of mesenchymal stem cells under dynamic compression. <i>Biochemical and Biophysical Research Communications</i> , 2012, 417, 1286-1291.	2.1	50
6	A Novel Mouse Model of Traumatic Optic Neuropathy Using External Ultrasound Energy to Achieve Focal, Indirect Optic Nerve Injury. <i>Scientific Reports</i> , 2017, 7, 11779.	3.3	42
7	Isolation of Pluripotent Neural Crest-Derived Stem Cells from Adult Human Tissues by Connexin-43 Enrichment. <i>Stem Cells and Development</i> , 2013, 22, 2906-2914.	2.1	41
8	Neurogenesis of Neural Crest-Derived Periodontal Ligament Stem Cells by EGF and bFGF. <i>Journal of Cellular Physiology</i> , 2014, 229, 479-488.	4.1	39
9	Activation of the extracellular signal-regulated kinases 1 and 2 (ERK1/2) is needed for the TGF $\beta$ -induced chondrogenic and osteogenic differentiation of mesenchymal stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2011, 405, 564-569.	2.1	37
10	Incidence of optic canal fracture in the traumatic optic neuropathy and its effect on the visual outcome. <i>British Journal of Ophthalmology</i> , 2016, 101, bjophthalmol-2015-308043.	3.9	28
11	Concise Review: Stem Cell Therapies for Neuropathic Pain. <i>Stem Cells Translational Medicine</i> , 2013, 2, 394-399.	3.3	27
12	Endoscopical Orbital Fat Decompression with Medial Orbital Wall Decompression for Dysthyroid Optic Neuropathy. <i>Current Eye Research</i> , 2016, 41, 150-158.	1.5	26
13	Periodontal Ligament Cells Cultured Under Steady-Flow Environments Demonstrate Potential for Use in Heart Valve Tissue Engineering. <i>Tissue Engineering - Part A</i> , 2013, 19, 458-466.	3.1	22
14	RNA-Sequencing Gene Expression Profiling of Orbital Adipose-Derived Stem Cell Population Implicate <i>HOX</i> Genes and WNT Signaling Dysregulation in the Pathogenesis of Thyroid-Associated Orbitopathy. , 2017, 58, 6146.		22
15	The Effect of Prostaglandin Analogue Bimatoprost on Thyroid-Associated Orbitopathy. , 2018, 59, 5912.		22
16	Molecular Characterization of Notch1 Positive Progenitor Cells in the Developing Retina. <i>PLoS ONE</i> , 2015, 10, e0131054.	2.5	22
17	Cardiomyogenesis of periodontal ligament-derived stem cells by dynamic tensile strain. <i>Cell and Tissue Research</i> , 2017, 367, 229-241.	2.9	20
18	Whole Exome Sequencing of Lacrimal Gland Adenoid Cystic Carcinoma. , 2017, 58, BIO240.		20

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19	Origin and Lineage Plasticity of Endogenous Lacrimal Gland Epithelial Stem/Progenitor Cells. IScience, 2020, 23, 101230.	4.1	20
20	The effect of nicotine on the mechanical properties of mesenchymal stem cells. Cell Health and Cytoskeleton, 2012, 4, 29.	0.7	19
21	Tumor Necrosis Factor Inhibition in the Acute Management of Traumatic Optic Neuropathy. , 2018, 59, 2905.		19
22	Cellular and molecular assessment of rose bengal photodynamic antimicrobial therapy on keratocytes, corneal endothelium and limbal stem cell niche. Experimental Eye Research, 2019, 188, 107808.	2.6	19
23	Fibroblast growth factor receptor 1 (FGFR1) as a therapeutic target in adenoid cystic carcinoma of the lacrimal gland. Oncotarget, 2019, 10, 480-493.	1.8	18
24	Molecular Profiling of the Developing Lacrimal Gland Reveals Putative Role of Notch Signaling in Branching Morphogenesis. , 2017, 58, 1098.		15
25	Automated Noncontact Facial Topography Mapping, 3-Dimensional Printing, and Silicone Casting of Orbital Prosthesis. American Journal of Ophthalmology, 2020, 220, 27-36.	3.3	14
26	Therapeutic targeting of oncogenic transcription factors by natural products in eye cancer. Pharmacological Research, 2018, 129, 365-374.	7.1	13
27	MicroRNA-132 directs human periodontal ligament-derived neural crest stem cell neural differentiation. Journal of Tissue Engineering and Regenerative Medicine, 2019, 13, 12-24.	2.7	13
28	Rose Bengal Photodynamic Antimicrobial Therapy: A Pilot Safety Study. Cornea, 2021, 40, 1036-1043.	1.7	12
29	Current Challenges in Cartilage Tissue Engineering: A Review of Current Cellular-Based Therapies. Current Rheumatology Reviews, 2009, 5, 8-14.	0.8	9
30	Virally delivered, constitutively active $\text{NF-}\kappa\text{B}$ improves survival of injured retinal ganglion cells. European Journal of Neuroscience, 2016, 44, 2935-2943.	2.6	8
31	Endoscopic Endonasal Dacryocystorhinostomy with Ostial Stent Intubation Following Nasolacrimal Duct Stent Incarceration. Current Eye Research, 2015, 40, 1185-1194.	1.5	6
32	Mitochondrial targeted therapy with elamipretide (MTP-131) as an adjunct to tumor necrosis factor inhibition for traumatic optic neuropathy in the acute setting. Experimental Eye Research, 2020, 199, 108178.	2.6	6
33	Clinicopathologic Correlations of Retrocorneal Membranes Associated With Endothelial Corneal Graft Failure. American Journal of Ophthalmology, 2021, 222, 24-33.	3.3	5
34	Establishment and Characterization of a Novel Human Ocular Adnexal Sebaceous Carcinoma Cell Line. Translational Vision Science and Technology, 2021, 10, 34.	2.2	4
35	ACE2-cytomimetic particles restrict SARS-Cov-2 spike protein binding to cellular targets. Biotechnology Reports (Amsterdam, Netherlands), 2021, 32, e00681.	4.4	4
36	Neural Crest Stem Cells Can Differentiate to a Cardiomyogenic Lineage with an Ability to Contract in Response to Pulsed Infrared Stimulation. Tissue Engineering - Part C: Methods, 2016, 22, 982-990.	2.1	3

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37	Mitochondrial lipid profiling data of a traumatic optic neuropathy model. Data in Brief, 2020, 30, 105649.	1.0	3
38	Lipidomics dataset of sonication-induced traumatic optic neuropathy in mice. Data in Brief, 2020, 29, 105147.	1.0	3
39	Effects of Mitomycin-C and 5-Fluorouracil on Ocular Adnexal Sebaceous Carcinoma Cells. American Journal of Ophthalmology, 2022, 240, 14-22.	3.3	3
40	Integrating Differential Gene Expression Analysis with Perturbagen-Response Signatures May Identify Novel Therapies for Thyroid-Associated Orbitopathy. Translational Vision Science and Technology, 2020, 9, 39.	2.2	2
41	Orbital Hemorrhagic Necrosis, Globe Rupture, and Death From Intraorbital Injection of 1% Sodium Deoxycholate in a Murine Model. Ophthalmic Plastic and Reconstructive Surgery, 2021, 37, S98-S103.	0.8	2
42	Derivation and Characterization of Murine and Amphibian Müller Glia Cell Lines. Translational Vision Science and Technology, 2022, 11, 4.	2.2	2
43	Pulsed Infrared Radiation Leads to Synchronous Contraction in Stem Cell Derived Cardiomyocytes. , 2013, , .		1
44	Pluripotent Adult Stem Cells: A Potential Revolution in Regenerative Medicine and Tissue Engineering. , 2013, , .		1
45	THE ROLE OF MECHANICAL FORCES IN THE CARDIOMYGENIC DIFFERENTIATION OF STEM CELLS. , 2011, , 85-118.		1
46	Stem Cell Based Tissue Engineering and Regenerative Medicine: A Review Focusing on Adult Stem Cells. Current Tissue Engineering, 2012, 1, 75-82.	0.2	0
47	Endoscopic Endonasal Dacryocystorhinostomy with Ostial Stent Intubation Following Nasolacrimal Duct Stent Incarceration. Current Eye Research, 2015, 40, 1294-1295.	1.5	0
48	Bioinformatics Pertinent to Lipid Analysis in Biological Samples. Methods in Molecular Biology, 2017, 1609, 141-147.	0.9	0
49	The Role of Mechanical Forces on Stem Cell Growth and Differentiation. , 2012, , 29-39.		0
50	Growth on elastic silicone substrate elicits a partial myogenic response in periodontal ligament derived stem cells. AIMS Bioengineering, 2016, 3, 515-527.	1.1	0
51	Sebaceous Carcinoma of the Eyelid. , 2018, , 199-220.		0