

# Ernesto Barron

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11910250/publications.pdf>

Version: 2024-02-01

22  
papers

1,920  
citations

516710

16  
h-index

794594

19  
g-index

22  
all docs

22  
docs citations

22  
times ranked

3147  
citing authors

#	ARTICLE	IF	CITATIONS
1	Retinal amyloid pathology and proof-of-concept imaging trial in Alzheimer's disease. JCI Insight, 2017, 2, .	5.0	357
2	A protocol for the culture and differentiation of highly polarized human retinal pigment epithelial cells. Nature Protocols, 2009, 4, 662-673.	12.0	238
3	Morphologic association between microglia and senile plaque amyloid in Alzheimer's disease. Neuroscience Letters, 1990, 119, 32-36.	2.1	235
4	Î±B Crystallin Is Apically Secreted within Exosomes by Polarized Human Retinal Pigment Epithelium and Provides Neuroprotection to Adjacent Cells. PLoS ONE, 2010, 5, e12578.	2.5	187
5	Identification of early pericyte loss and vascular amyloidosis in Alzheimer's disease retina. Acta Neuropathologica, 2020, 139, 813-836.	7.7	113
6	Polarized Secretion of PEDF from Human Embryonic Stem Cell-Derived RPE Promotes Retinal Progenitor Cell Survival. , 2011, 52, 1573.		108
7	Stimulation of apical and basolateral VEGF-A and VEGF-C secretion by oxidative stress in polarized retinal pigment epithelial cells. Molecular Vision, 2006, 12, 1649-59.	1.1	89
8	alpha-Crystallin distribution in retinal pigment epithelium and effect of gene knockouts on sensitivity to oxidative stress. Molecular Vision, 2007, 13, 566-77.	1.1	69
9	Vascular Basement Membrane Pathology and Alzheimer's Disease. Annals of the New York Academy of Sciences, 1997, 826, 147-159.	3.8	66
10	Regulation of RPE intercellular junction integrity and function by hepatocyte growth factor. Investigative Ophthalmology and Visual Science, 2002, 43, 2782-90.	3.3	63
11	Endoplasmic reticulum stress induced by oxidative stress in retinal pigment epithelial cells. Graefes Archive for Clinical and Experimental Ophthalmology, 2008, 246, 677-683.	1.9	59
12	The Retina in Alzheimer's Disease: Histomorphometric Analysis of an Ophthalmologic Biomarker. , 2019, 60, 1491.		55
13	GRP78 plays an essential role in adipogenesis and postnatal growth in mice. FASEB Journal, 2013, 27, 955-964.	0.5	45
14	Vascular basement membrane components and the lesions of Alzheimer's disease: Light and electron microscopic analyses. Microscopy Research and Technique, 1994, 28, 204-215.	2.2	43
15	Humanin Protects RPE Cells from Endoplasmic Reticulum Stress-Induced Apoptosis by Upregulation of Mitochondrial Glutathione. PLoS ONE, 2016, 11, e0165150.	2.5	43
16	Grp78 Heterozygosity Regulates Chaperone Balance in Exocrine Pancreas with Differential Response to Cerulein-Induced Acute Pancreatitis. American Journal of Pathology, 2010, 177, 2827-2836.	3.8	37
17	TGF-Î²2 secretion from RPE decreases with polarization and becomes apically oriented. Cytokine, 2015, 71, 394-396.	3.2	31
18	Localization of amyloid P component in human brain: Vascular staining patterns and association with alzheimer's disease lesions. Journal of Comparative Neurology, 1995, 352, 92-105.	1.6	28

#	ARTICLE	IF	CITATIONS
19	Inhibition of DNA Methylation and Methyl-CpG-Binding Protein 2 Suppresses RPE Transdifferentiation: Relevance to Proliferative Vitreoretinopathy. , 2015, 56, 5579.		23
20	Functional, structural, and molecular identification of lymphatic outflow from subconjunctival blebs. Experimental Eye Research, 2020, 196, 108049.	2.6	16
21	Segmental differences found in aqueous angiographic-determined high - and low-flow regions of human trabecular meshwork. Experimental Eye Research, 2020, 196, 108064.	2.6	9
22	SHORT COMMUNICATION: Lineage study of degenerating photoreceptor cells in the rd mouse retina. Current Eye Research, 1997, 16, 733-737.	1.5	6