Ricardo F Frausto

List of Publications by Year
in descending order

49 papers	3,006 citations	331259 21 h-index	288905 40 g-index
54 all docs	54 docs citations	54 times ranked	4205 citing authors

#	Article	IF	Citations
1	Corneal ectasia associated with posterior lamellar opacification. Ophthalmic Genetics, 2021, 42, 486-492.	0.5	0
2	Multimodal Imaging of Pre-Descemet Corneal Dystrophy Associated With X-Linked Ichthyosis and Deletion of the STS Gene. Cornea, 2020, 39, 1442-1445.	0.9	4
3	Energy Shortage in Human and Mouse Models ofSLC4A11-Associated Corneal Endothelial Dystrophies. , 2020, 61, 39.		16
4	Phenotypic and functional characterization of corneal endothelial cells during in vitro expansion. Scientific Reports, 2020, 10, 7402.	1.6	41
5	ZEB1 insufficiency causes corneal endothelial cell state transition and altered cellular processing. PLoS ONE, 2019, 14, e0218279.	1.1	20
6	Anti-desmoglein 3-mediated pathology of the human corneal epithelium in pemphigus vulgaris. Revista Mexicana De OftalmologÃa (English Edition), 2019, 93, .	0.0	0
7	Confirmation and refinement of the heterozygous deletion of the small leucine-rich proteoglycans associated with posterior amorphous corneal dystrophy. Ophthalmic Genetics, 2018, 39, 419-424.	0.5	3
8	Variant lattice corneal dystrophy associated with compound heterozygous mutations in theTGFBIgene. British Journal of Ophthalmology, 2017, 101, 509-513.	2.1	13
9	Vortex Pattern of Corneal Deposits in Granular Corneal Dystrophy Associated With the p.(Arg555Trp) Mutation in TGFBI. Cornea, 2017, 36, 210-216.	0.9	4
10	Transcriptomic Profiling of Posterior Polymorphous Corneal Dystrophy. , 2017, 58, 3202.		24
11	Confirmation of the OVOL2 Promoter Mutation c.-307T>C in Posterior Polymorphous Corneal Dystrophy 1. PLoS ONE, 2017, 12, e0169215.	1.1	20
12	Elucidating the molecular basis of PPCD: Effects of decreased ZEB1 expression on corneal endothelial cell function. Molecular Vision, 2017, 23, 740-752.	1.1	13
13	Hereditary Benign Intraepithelial Dyskeratosis: Report of a Case and Re-examination of the Evidence for Locus Heterogeneity. Ophthalmic Genetics, 2016, 37, 1-5.	0.5	9
14	Investigating the Molecular Basis of PPCD3: Characterization of ZEB1 Regulation of COL4A3 Expression. , 2016, 57, 4136.		5
15	Identification of the FirstDe Novo UBIAD1Gene Mutation Associated with Schnyder Corneal Dystrophy. Journal of Ophthalmology, 2016, 2016, 1-9.	0.6	9
16	Multifunctional ion transport properties of human SLC4A11: comparison of the SLC4A11-B and SLC4A11-C variants. American Journal of Physiology - Cell Physiology, 2016, 311, C820-C830.	2.1	40
17	Transcriptomic Analysis of Cultured Corneal Endothelial Cells as a Validation for Their Use in Cell Replacement Therapy. Cell Transplantation, 2016, 25, 1159-1176.	1.2	58
18	Whole Exome Sequencing and Segregation Analysis Confirms That a Mutation in COL17A1 Is the Cause of Epithelial Recurrent Erosion Dystrophy in a Large Dominant Pedigree Previously Mapped to Chromosome 10q23-q24. PLoS ONE, 2016, 11, e0157418.	1.1	10

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19	Identification of Potentially Pathogenic Variants in the Posterior Polymorphous Corneal Dystrophy 1 Locus. PLoS ONE, 2016, 11, e0158467.	1.1	9
20	X-linked Megalocornea Associated with the NovelCHRDL1Gene Mutation p.(Pro56Leu*8). Ophthalmic Genetics, 2015, 36, 145-148.	0.5	10
21	Analysis of IL-6/gp130 family receptor expression reveals that in contrast to astroglia, microglia lack the oncostatin M receptor and functional responses to oncostatin M. Glia, 2015, 63, 132-141.	2.5	59
22	Identification of novel PIKFYVE gene mutations associated with Fleck corneal dystrophy. Molecular Vision, 2015, 21, 1093-100.	1.1	10
23	Identification of presumed pathogenic KRT3 and KRT12 gene mutations associated with Meesmann corneal dystrophy. Molecular Vision, 2015, 21, 1378-86.	1.1	5
24	Posterior Amorphous Corneal Dystrophy Is Associated with a Deletion of Small Leucine-rich Proteoglycans on Chromosome 12. PLoS ONE, 2014, 9, e95037.	1.1	28
25	Transcriptome Analysis of the Human Corneal Endothelium. Investigative Ophthalmology and Visual Science, 2014, 55, 7821-7830.	3.3	23
26	Trans-Signaling Is a Dominant Mechanism for the Pathogenic Actions of Interleukin-6 in the Brain. Journal of Neuroscience, 2014, 34, 2503-2513.	1.7	194
27	Functional Impact ofZEB1Mutations Associated With Posterior Polymorphous and Fuchs' Endothelial Corneal Dystrophies. , 2014, 55, 6159.		34
28	Posterior polymorphous corneal dystrophy 3 is associated with agenesis and hypoplasia of the corpus callosum. Vision Research, 2014, 100, 88-92.	0.7	18
29	Achieving specificity in the glial cell response to the gp130 cytokines. Journal of Neuroimmunology, 2014, 275, 142.	1.1	0
30	Genetics of the corneal endothelial dystrophies: an evidence-based review. Clinical Genetics, 2013, 84, 109-119.	1.0	87
31	121. Cytokine, 2013, 63, 271.	1.4	0
32	Classification of Posterior Polymorphous Corneal Dystrophy as a Corneal Ectatic Disorder Following Confirmation of Associated Significant Corneal Steepening. JAMA Ophthalmology, 2013, 131, 1583.	1.4	41
33	Pre-Descemet Corneal Dystrophy and X-Linked Ichthyosis Associated With Deletion of Xp22.31 Containing the STS Gene. Cornea, 2013, 32, 1283-1287.	0.9	26
34	Exclusion of pathogenic promoter region variants and identification of novel nonsense mutations in the zinc finger E-box binding homeobox 1 gene in posterior polymorphous corneal dystrophy. Molecular Vision, 2013, 19, 575-80.	1.1	18
35	PS1-051 The role of transsignaling in mediating interleukin-6 (IL-6) actions in the central nervous system (CNS). Cytokine, 2011, 56, 30.	1.4	0
36	Intravenous administration of human embryonic stem cell-derived neural precursor cells attenuates cuprizone-induced central nervous system (CNS) demyelination. Neuropathology and Applied Neurobiology, 2011, 37, 643-653.	1.8	14

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37	Coxsackievirus Preferentially Replicates and Induces Cytopathic Effects in Undifferentiated Neural Progenitor Cells. Journal of Virology, 2011, 85, 5718-5732.	1.5	31
38	Astrocytic Tissue Inhibitor of Metalloproteinase-1 (TIMP-1) Promotes Oligodendrocyte Differentiation and Enhances CNS Myelination. Journal of Neuroscience, 2011, 31, 6247-6254.	1.7	101
39	Site-Specific Production of IL-6 in the Central Nervous System Retargets and Enhances the Inflammatory Response in Experimental Autoimmune Encephalomyelitis. Journal of Immunology, 2009, 183, 2079-2088.	0.4	108
40	Elevated ATG5 expression in autoimmune demyelination and multiple sclerosis. Autophagy, 2009, 5, 152-158.	4.3	132
41	A novel method to establish microgliaâ€free astrocyte cultures: Comparison of matrix metalloproteinase expression profiles in pure cultures of astrocytes and microglia. Glia, 2008, 56, 1187-1198.	2.5	73
42	Fibronectin- and Vitronectin-Induced Microglial Activation and Matrix Metalloproteinase-9 Expression Is Mediated by Integrins Î±5Î²1 and Î±vÎ²5. Journal of Immunology, 2007, 178, 8158-8167.	0.4	105
43	Amelioration of Coxsackievirus B3-Mediated Myocarditis by Inhibition of Tissue Inhibitors of Matrix Metalloproteinase-1. American Journal of Pathology, 2007, 171, 1762-1773.	1.9	35
44	Gain-of-Function Mutational Activation of Human tRNA Synthetase Procytokine. Chemistry and Biology, 2007, 14, 1323-1333.	6.2	33
45	Myelin oligodendrocyte glycoprotein peptide-induced experimental allergic encephalomyelitis and T cell responses are unaffected by immunoproteasome deficiency. Journal of Neuroimmunology, 2007, 192, 124-133.	1.1	14
46	Persistent Macrophage/Microglial Activation and Myelin Disruption after Experimental Autoimmune Encephalomyelitis in Tissue Inhibitor of Metalloproteinase-1-Deficient Mice. American Journal of Pathology, 2006, 169, 2104-2116.	1.9	85
47	Role of Raf in Vascular Protection from Distinct Apoptotic Stimuli. Science, 2003, 301, 94-96.	6.0	322
48	Differential Î±v integrinâ€“mediated Ras-ERK signaling during two pathways of angiogenesis. Journal of Cell Biology, 2003, 162, 933-943.	2.3	248
49	Tumor Regression by Targeted Gene Delivery to the Neovasculature. Science, 2002, 296, 2404-2407.	6.0	852