

Edgar M Espana

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

810
citations

840776

11
h-index

642732

23
g-index

34
all docs

34
docs citations

34
times ranked

887
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Composition, structure and function of the corneal stroma. <i>Experimental Eye Research</i> , 2020, 198, 108137. | 2.6 | 97 |
| 2 | Human Keratocytes Cultured on Amniotic Membrane Stroma Preserve Morphology and Express Keratocan. , 2003, 44, 5136. | | 87 |
| 3 | CD-34 Expression by Cultured Human Keratocytes Is Downregulated during Myofibroblast Differentiation Induced by TGF- β 1. , 2004, 45, 2985. | | 83 |
| 4 | Intrastromal Invasion by Limbal Epithelial Cells Is Mediated by Epithelial-Mesenchymal Transition Activated by Air Exposure. <i>American Journal of Pathology</i> , 2005, 167, 381-393. | 3.8 | 79 |
| 5 | Graft versus host disease: clinical evaluation, diagnosis and management. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2013, 251, 1257-1266. | 1.9 | 65 |
| 6 | Keratocan Expression of Murine Keratocytes Is Maintained on Amniotic Membrane by Down-regulating Transforming Growth Factor- β 2 Signaling. <i>Journal of Biological Chemistry</i> , 2005, 280, 27085-27092. | 3.4 | 48 |
| 7 | Ipsilateral supraorbital nerve transfer in a case of recalcitrant neurotrophic keratopathy with an intact ipsilateral frontal nerve: A novel surgical technique. <i>American Journal of Ophthalmology Case Reports</i> , 2016, 4, 14-17. | 0.7 | 46 |
| 8 | Abnormal Corneal Endothelial Maturation in Collagen XII and XIV Null Mice. , 2013, 54, 3297. | | 38 |
| 9 | Existence of Corneal Endothelial Slow-Cycling Cells. , 2015, 56, 3827. | | 24 |
| 10 | Fungal keratitis: Mechanisms of infection and management strategies. <i>Survey of Ophthalmology</i> , 2022, 67, 758-769. | 4.0 | 23 |
| 11 | Candida Endophthalmitis After Descemet Stripping Automated Endothelial Keratoplasty With Grafts From Both Eyes of a Donor With Possible Systemic Candidiasis. <i>Cornea</i> , 2018, 37, 515-518. | 1.7 | 22 |
| 12 | Collagen XII Is a Regulator of Corneal Stroma Structure and Function. , 2020, 61, 61. | | 21 |
| 13 | Endoscopic Corneal Neurotization: Cadaver Feasibility Study. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , 2018, 34, 213-216. | 0.8 | 19 |
| 14 | Diseases of the corneal endothelium. <i>Experimental Eye Research</i> , 2021, 205, 108495. | 2.6 | 18 |
| 15 | Ocular manifestations of monoclonal copper-binding immunoglobulin. <i>Survey of Ophthalmology</i> , 2014, 59, 115-123. | 4.0 | 14 |
| 16 | The Heterogeneous Murine Corneal Stromal Cell Populations In Vitro. , 2005, 46, 4528. | | 13 |
| 17 | Cataract surgery in patients with chronic severe graft-versus-host disease. <i>Journal of Cataract and Refractive Surgery</i> , 2016, 42, 833-839. | 1.5 | 12 |
| 18 | Creation and grading of experimental corneal scars in mice models. <i>Ocular Surface</i> , 2021, 19, 53-62. | 4.4 | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Collagen V insufficiency in a mouse model for Ehlers Danlos-syndrome affects viscoelastic biomechanical properties explaining thin and brittle corneas. <i>Scientific Reports</i> , 2021, 11, 17362. | 3.3 | 10 |
| 20 | Collagen XII Regulates Corneal Stromal Structure by Modulating Transforming Growth Factor- β Activity. <i>American Journal of Pathology</i> , 2022, 192, 308-319. | 3.8 | 10 |
| 21 | Chromoblastomycosis of the Conjunctiva Mimicking Melanoma of the Ciliary Body. <i>JAMA Ophthalmology</i> , 2012, 130, 1615. | 2.4 | 9 |
| 22 | Ocular Surface Squamous Neoplasia Associated with Atopic Keratoconjunctivitis. <i>Ocular Oncology and Pathology</i> , 2017, 3, 22-27. | 1.0 | 9 |
| 23 | Conjunctival Stromal Tumor. <i>Ophthalmology</i> , 2018, 125, 88. | 5.2 | 9 |
| 24 | Collagen XIV Is an Intrinsic Regulator of Corneal Stromal Structure and Function. <i>American Journal of Pathology</i> , 2021, 191, 2184-2194. | 3.8 | 8 |
| 25 | Occult Fungal Scleritis. <i>Ocular Oncology and Pathology</i> , 2017, 3, 41-44. | 1.0 | 7 |
| 26 | Separate Primary Melanomas of the Bulbar Conjunctiva and Eyelid Skin: Clinical Implications of Multiple Primary Melanomas. <i>Ocular Oncology and Pathology</i> , 2016, 2, 226-229. | 1.0 | 6 |
| 27 | Endothelial-Stromal Communication in Murine and Human Corneas. <i>Anatomical Record</i> , 2020, 303, 1717-1726. | 1.4 | 5 |
| 28 | Genipin Delays Corneal Stromal Enzymatic Digestion. <i>Translational Vision Science and Technology</i> , 2021, 10, 25. | 2.2 | 5 |
| 29 | Widespread Ocular Surface Squamous Neoplasia Treated with Topical Interferon Alpha-2b. <i>Ocular Oncology and Pathology</i> , 2018, 4, 298-303. | 1.0 | 4 |
| 30 | Clinical Outcomes and Patient Satisfaction After Corneal Neurotization. <i>Cornea</i> , 2021, 40, 1377-1386. | 1.7 | 3 |
| 31 | Conjunctival metastasis from a regional cutaneous melanoma. <i>Canadian Journal of Ophthalmology</i> , 2014, 49, e97-e99. | 0.7 | 2 |
| 32 | Stromal microsporidial keratitis successfully treated with medical therapy. <i>American Journal of Ophthalmology Case Reports</i> , 2021, 23, 101178. | 0.7 | 1 |
| 33 | Down-regulation of collagen XI during late post-natal corneal development is followed by up-regulation after injury. <i>Journal of Cell Science</i> , 2021, , . | 2.0 | 1 |