

Francoise Brignole-Baudouin

List of Publications by Year in descending order

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65
papers

4,835
citations

182225

30
h-index

182931

54
g-index

67
all docs

67
docs citations

67
times ranked

3477
citing authors

#	ARTICLE	IF	CITATIONS
1	The Dual Effect of Rho-Kinase Inhibition on Trabecular Meshwork Cells Cytoskeleton and Extracellular Matrix in an In Vitro Model of Glaucoma. <i>Journal of Clinical Medicine</i> , 2022, 11, 1001.	1.0	16
2	Evaluation of neuroprotective and immunomodulatory properties of mesenchymal stem cells in an ex vivo retinal explant model. <i>Journal of Neuroinflammation</i> , 2022, 19, 63.	3.1	11
3	Proteomic Analysis of Tears and Conjunctival Cells Collected with Schirmer Strips Using timsTOF Pro: Preanalytical Considerations. <i>Metabolites</i> , 2022, 12, 2.	1.3	16
4	Comparison of Two Experimental Mouse Dry Eye Models through Inflammatory Gene Set Enrichment Analysis Based on a Multiplexed Transcriptomic Approach. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10770.	1.8	4
5	Novel in situ gelling ophthalmic drug delivery system based on gellan gum and hydroxyethylcellulose: Innovative rheological characterization, in vitro and in vivo evidence of a sustained precorneal retention time. <i>International Journal of Pharmaceutics</i> , 2020, 574, 118734.	2.6	38
6	Lipid Annotation by Combination of UHPLC-HRMS (MS), Molecular Networking, and Retention Time Prediction: Application to a Lipidomic Study of In Vitro Models of Dry Eye Disease. <i>Metabolites</i> , 2020, 10, 225.	1.3	16
7	In Situ Gelling Ophthalmic Drug Delivery System for the Optimization of Diagnostic and Preoperative Mydriasis: In Vitro Drug Release, Cytotoxicity and Mydriasis Pharmacodynamics. <i>Pharmaceutics</i> , 2020, 12, 360.	2.0	14
8	Lipidomic analysis of epithelial corneal cells following hyperosmolarity and benzalkonium chloride exposure: New insights in dry eye disease. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158728.	1.2	14
9	Correlation of clinical symptoms and signs with conjunctival gene expression in primary Sjögren syndrome dry eye patients. <i>Ocular Surface</i> , 2019, 17, 516-525.	2.2	21
10	Conjunctival Inflammatory Gene Expression Profiling in Dry Eye Disease: Correlations With HLA-DRA and HLA-DRB1. <i>Frontiers in Immunology</i> , 2018, 9, 2271.	2.2	27
11	Effect of benzalkonium chloride on trabecular meshwork cells in a new in vitro 3D trabecular meshwork model for glaucoma. <i>Toxicology in Vitro</i> , 2017, 41, 21-29.	1.1	36
12	Hyperosmolarity and Benzalkonium Chloride Differently Stimulate Inflammatory Markers in Conjunctiva-Derived Epithelial Cells in vitro. <i>Ophthalmic Research</i> , 2017, 58, 40-48.	1.0	27
13	Neuroglobin Can Prevent or Reverse Glaucomatous Progression in DBA/2J Mice. <i>Molecular Therapy - Methods and Clinical Development</i> , 2017, 5, 200-220.	1.8	30
14	Correlation Between the Inflammatory Marker HLA-DR and Signs and Symptoms in Moderate to Severe Dry Eye Disease. , 2017, 58, 2438.		36
15	The Eye Drop Preservative Benzalkonium Chloride Potently Induces Mitochondrial Dysfunction and Preferentially Affects LHON Mutant Cells. , 2017, 58, 2406.		79
16	Evaluation of a new concept of immune-enhancing diet in a model of head-injured rat with infectious complications: A proof of concept study. <i>Clinical Nutrition</i> , 2016, 35, 1291-1300.	2.3	6
17	In Vitro Inhibition of NFAT5-Mediated Induction of CCL2 in Hyperosmotic Conditions by Cyclosporine and Dexamethasone on Human HeLa-Modified Conjunctiva-Derived Cells. <i>PLoS ONE</i> , 2016, 11, e0159983.	1.1	22
18	Intraocular pressure reduction and neuroprotection conferred by bone marrow-derived mesenchymal stem cells in an animal model of glaucoma. <i>Stem Cell Research and Therapy</i> , 2015, 6, 177.	2.4	70

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19	Increased Extracellular Matrix Metalloproteinase Inducer (EMMPRIN) Expression in the Conjunctival Epithelium Exposed to Antiglaucoma Treatments. <i>Current Eye Research</i> , 2015, 40, 40-47.	0.7	7
20	Ocular surface assessment in soft contact lens wearers; the contribution of tear osmolarity among other tests. <i>Acta Ophthalmologica</i> , 2014, 92, 364-369.	0.6	20
21	Localisation and quantification of benzalkonium chloride in eye tissue by TOF-SIMS imaging and liquid chromatography mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 4039-4049.	1.9	47
22	A new technique of endothelial graft: the femtosecond and excimer lasers-assisted endothelial keratoplasty (FELEK). <i>Acta Ophthalmologica</i> , 2013, 91, e497-e499.	0.6	2
23	Reduced in vivo Ocular Surface Toxicity with Polyquad-Preserved Travoprost versus Benzalkonium-Preserved Travoprost or Latanoprost Ophthalmic Solutions. <i>Ophthalmic Research</i> , 2012, 48, 89-101.	1.0	49
24	In Vitro and In Vivo Evaluation of a Preservative-Free Cationic Emulsion of Latanoprost in Corneal Wound Healing Models. <i>Cornea</i> , 2012, 31, 1319-1329.	0.9	31
25	A New Safety Concern for Glaucoma Treatment Demonstrated by Mass Spectrometry Imaging of Benzalkonium Chloride Distribution in the Eye, an Experimental Study in Rabbits. <i>PLoS ONE</i> , 2012, 7, e50180.	1.1	92
26	In Vitro and In Vivo Comparative Toxicological Study of a New Preservative-Free Latanoprost Formulation. , 2012, 53, 8172.		39
27	In Vitro Interactions between Peripheral Blood Lymphocytes and the Wong-Kilbourne Derivative of Chang Conjunctival Cells. , 2012, 53, 1492.		0
28	Conjunctiva-Associated Lymphoid Tissue (CALT) Reactions to Antiglaucoma Prostaglandins with or without BAK-Preservative in Rabbit Acute Toxicity Study. <i>PLoS ONE</i> , 2012, 7, e33913.	1.1	31
29	CXCR3 Antagonism of SDF-1(5-67) Restores Trabecular Function and Prevents Retinal Neurodegeneration in a Rat Model of Ocular Hypertension. <i>PLoS ONE</i> , 2012, 7, e37873.	1.1	26
30	Hyperosmolarity potentiates toxic effects of benzalkonium chloride on conjunctival epithelial cells in vitro. <i>Molecular Vision</i> , 2012, 18, 851-63.	1.1	60
31	Comparative<i> In Vitro</i> Toxicology Study of Travoprost Polyquad-preserved, Travoprost BAK-preserved, and Latanoprost BAK-preserved Ophthalmic Solutions on Human Conjunctival Epithelial Cells. <i>Current Eye Research</i> , 2011, 36, 979-988.	0.7	29
32	<i> In Vitro</i> Comparative Toxicology of Polyquad-Preserved and Benzalkonium Chloride-Preserved Travoprost/Timolol Fixed Combination and Latanoprost/Timolol Fixed Combination. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2011, 27, 273-280.	0.6	32
33	Spectrofluorometry assays for oxidative stress and apoptosis, with cell viability on the same microplates: A multiparametric analysis and quality control. <i>Toxicology in Vitro</i> , 2011, 25, 1089-1096.	1.1	11
34	A multicentre, double-masked, randomized, controlled trial assessing the effect of oral supplementation of omega-3 and omega-6 fatty acids on a conjunctival inflammatory marker in dry eye patients. <i>Acta Ophthalmologica</i> , 2011, 89, e591-e597.	0.6	115
35	Polyquad-preserved travoprost/timolol, benzalkonium chloride (BAK)-preserved travoprost/timolol, and latanoprost/timolol in fixed combinations: a rabbit ocular surface study. <i>Advances in Therapy</i> , 2011, 28, 311-325.	1.3	40
36	Toxicological evaluation of preservative-containing and preservative-free topical prostaglandin analogues on a three-dimensional-reconstituted corneal epithelium system. <i>British Journal of Ophthalmology</i> , 2011, 95, 869-875.	2.1	75

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37	Switching from a preserved to a preservative-free prostaglandin preparation in topical glaucoma medication. <i>Acta Ophthalmologica</i> , 2010, 88, 329-336.	0.6	124
38	An In Vivo Confocal Microscopy and Impression Cytology Evaluation of Pterygium Activity. <i>Cornea</i> , 2010, 29, 392-399.	0.9	23
39	Preservatives in eyedrops: The good, the bad and the ugly. <i>Progress in Retinal and Eye Research</i> , 2010, 29, 312-334.	7.3	787
40	Live Conjunctiva-Associated Lymphoid Tissue Analysis in Rabbit under Inflammatory Stimuli Using In Vivo Confocal Microscopy. , 2010, 51, 1008.		24
41	Multiple Endpoint Analysis of the 3D-Reconstituted Corneal Epithelium after Treatment with Benzalkonium Chloride: Early Detection of Toxic Damage. , 2009, 50, 1644.		111
42	The Ocular Surface of Glaucoma Patients Treated over the Long Term Expresses Inflammatory Markers Related to Both T-Helper 1 and T-Helper 2 Pathways. <i>Ophthalmology</i> , 2008, 115, 109-115.	2.5	179
43	In Vivo Confocal Microscopic Grading System for Standardized Corneal Evaluation: Application to Toxic-Induced Damage in Rat. <i>Current Eye Research</i> , 2008, 33, 826-838.	0.7	10
44	<i>In Vitro</i> Effects of Preservative-Free Tafluprost and Preserved Latanoprost, Travoprost, and Bimatoprost in a Conjunctival Epithelial Cell Line. <i>Current Eye Research</i> , 2008, 33, 303-312.	0.7	86
45	In Vitro Studies of Antiglaucomatous Prostaglandin Analogues: Travoprost with and without Benzalkonium Chloride and Preserved Latanoprost. , 2007, 48, 4123.		111
46	Th1 and Th2 Responses on the Ocular Surface in Uveitis Identified by CCR4 and CCR5 Conjunctival Expression. <i>American Journal of Ophthalmology</i> , 2007, 144, 580-585.e2.	1.7	16
47	New Tools for the Evaluation of Toxic Ocular Surface Changes in the Rat. , 2007, 48, 5473.		107
48	Comparative study of topical anti-allergic eye drops on human conjunctiva-derived cells: responses to histamine and IFN γ and toxicological profiles. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2007, 245, 534-546.	1.0	22
49	Comparison of Toxicological Profiles of Benzalkonium Chloride and Polyquaternium-1: An Experimental Study. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2006, 22, 267-278.	0.6	109
50	Fluoroquinolone Eye Drop-Induced Cytotoxicity: Role of Preservative in P2X7 Cell Death Receptor Activation and Apoptosis. , 2006, 47, 2812.		54
51	Comparative Anatomy of Laboratory Animal Corneas with a New-Generation High-Resolution In Vivo Confocal Microscope. <i>Current Eye Research</i> , 2006, 31, 501-509.	0.7	55
52	Efficacy and safety of 0.18% sodium hyaluronate in patients with moderate dry eye syndrome and superficial keratitis. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2005, 243, 531-538.	1.0	81
53	In Vitro Comparison of Cytoprotective and Antioxidative Effects of Latanoprost, Travoprost, and Bimatoprost on Conjunctiva-Derived Epithelial Cells. , 2005, 46, 4594.		98
54	In Vitro Study of Inflammatory Potential and Toxicity Profile of Latanoprost, Travoprost, and Bimatoprost in Conjunctiva-Derived Epithelial Cells. , 2005, 46, 2444.		162

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55	CCR4 and CCR5 expression in conjunctival specimens as differential markers of TH1/ TH2 in ocular surface disorders. <i>Journal of Allergy and Clinical Immunology</i> , 2005, 116, 614-619.	1.5	70
56	Conjunctival Proinflammatory and Proapoptotic Effects of Latanoprost and Preserved and Unpreserved Timolol: An Ex Vivo and In Vitro Study. <i>Investigative Ophthalmology and Visual Science</i> , 2004, 45, 1360-1368.	3.3	250
57	Flow cytometry in conjunctival impression cytology: a new tool for exploring ocular surface pathologies. <i>Experimental Eye Research</i> , 2004, 78, 473-481.	1.2	78
58	Conjunctival epithelial cell expression of interleukins and inflammatory markers in glaucoma patients treated over the long term. <i>Ophthalmology</i> , 2004, 111, 2186-2192.	2.5	185
59	In vitro effects of preserved and unpreserved antiglaucoma drugs on apoptotic marker expression by human trabecular cells. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2003, 241, 1037-1043.	1.0	71
60	Clinical and biologic features of CD4+CD56+ malignancies. <i>Blood</i> , 2002, 99, 1556-1563.	0.6	404
61	Ocular Surface Changes Induced by Contact Lens Wear. <i>Cornea</i> , 2001, 20, 820-825.	0.9	86
62	Flow cytometric analysis of conjunctival epithelium in ocular rosacea and keratoconjunctivitis sicca. <i>Ophthalmology</i> , 2000, 107, 1841-1849.	2.5	155
63	Expression of Fas-Fas Ligand Antigens and Apoptotic Marker APO2.7 by the Human Conjunctival Epithelium. Positive Correlation with Class II HLA DR Expression in Inflammatory Ocular Surface Disorders. <i>Experimental Eye Research</i> , 1998, 67, 687-697.	1.2	70
64	Immunophenotyping of human dendriform cells from the conjunctival epithelium. <i>Current Eye Research</i> , 1997, 16, 475-481.	0.7	28
65	Growth Factors in Vitreous and Subretinal Fluid Cells from Patients with Proliferative Vitreoretinopathy. <i>Ophthalmic Research</i> , 1993, 25, 52-59.	1.0	90