

David A Ammar

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

772
citations

471509

17
h-index

526287

27
g-index

31
all docs

31
docs citations

31
times ranked

813
citing authors

#	ARTICLE	IF	CITATIONS
1	Preclinical Investigation of Ab Interno Trabeculectomy Using a Novel Dual-Blade Device. American Journal of Ophthalmology, 2013, 155, 524-529.e2.	3.3	140
2	Effects of benzalkonium chloride- and polyquad-preserved combination glaucoma medications on cultured human ocular surface cells. Advances in Therapy, 2011, 28, 501-510.	2.9	58
3	Aldose reductase expression as a risk factor for cataract. Chemico-Biological Interactions, 2015, 234, 247-253.	4.0	54
4	Silibinin, dexamethasone, and doxycycline as potential therapeutic agents for treating vesicant-inflicted ocular injuries. Toxicology and Applied Pharmacology, 2012, 264, 23-31.	2.8	45
5	Therapeutic potential of $\hat{\pm}$ -crystallin. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 252-257.	2.4	42
6	Nitrogen Mustard-Induced Corneal Injury Involves DNA Damage and Pathways Related to Inflammation, Epithelial-Stromal Separation, and Neovascularization. Cornea, 2016, 35, 257-266.	1.7	41
7	Effects of glaucoma medications and preservatives on cultured human trabecular meshwork and non-pigmented ciliary epithelial cell lines. British Journal of Ophthalmology, 2011, 95, 1466-1469.	3.9	40
8	Effects of benzalkonium chloride- or polyquad-preserved fixed combination glaucoma medications on human trabecular meshwork cells. Molecular Vision, 2011, 17, 1806-13.	1.1	40
9	Aldose Reductase Inhibition Prevents Development of Posterior Capsular Opacification in an In Vivo Model of Cataract Surgery. , 2018, 59, 3591.		27
10	Characterization of Emodin as a Therapeutic Agent for Diabetic Cataract. Journal of Natural Products, 2016, 79, 1439-1444.	3.0	26
11	Acute corneal injury in rabbits following nitrogen mustard ocular exposure. Experimental and Molecular Pathology, 2019, 110, 104275.	2.1	26
12	THE EFFECTS OF AFLIBERCEPT ON THE VIABILITY AND METABOLISM OF OCULAR CELLS IN VITRO. Retina, 2013, 33, 1056-1061.	1.7	24
13	Two-photon imaging of the trabecular meshwork. Molecular Vision, 2010, 16, 935-44.	1.1	24
14	The effects of combination glaucoma medications on ocular surface epithelial cells. Advances in Therapy, 2009, 26, 970-975.	2.9	22
15	Histopathologic Examination of Trabecular Meshwork Changes After Trabecular Bypass Stent Implantation. Journal of Glaucoma, 2018, 27, 606-609.	1.6	22
16	Histopathological and Molecular Changes in the Rabbit Cornea From Arsenical Vesicant Lewisite Exposure. Toxicological Sciences, 2017, 160, 420-428.	3.1	20
17	Ultrastructural Changes in Human Trabecular Meshwork Tissue after Laser Trabeculoplasty. Journal of Ophthalmology, 2015, 2015, 1-5.	1.3	19
18	Trans-scleral imaging of the human trabecular meshwork by two-photon microscopy. Molecular Vision, 2011, 17, 583-90.	1.1	18

#	ARTICLE	IF	CITATIONS
19	Toxic consequences and oxidative protein carbonylation from chloropicrin exposure in human corneal epithelial cells. <i>Toxicology Letters</i> , 2020, 322, 1-11.	0.8	17
20	Effect of dexamethasone treatment at variable therapeutic windows in reversing nitrogen mustard-induced corneal injuries in rabbit ocular in vivo model. <i>Toxicology and Applied Pharmacology</i> , 2022, 437, 115904.	2.8	12
21	Imaging the Intact Mouse Cornea Using Coherent Anti-Stokes Raman scattering (CARS)., 2013, 54, 5258.		11
22	<p>Preclinical Investigation of Goniotomy Using Four Different Techniques</p>. <i>Clinical Ophthalmology</i> , 2020, Volume 14, 3519-3525.	1.8	11
23	Third harmonic generation microscopy of a mouse retina. <i>Molecular Vision</i> , 2015, 21, 538-47.	1.1	7
24	Pilot study supporting the existence of novel lymphatic channels within the canine anterior uveal tract using Lyveél and CD31. <i>Veterinary Ophthalmology</i> , 2021, 24, 354-360.	1.0	5
25	Diabetes-Independent Retinal Phenotypes in an Aldose Reductase Transgenic Mouse Model. <i>Metabolites</i> , 2021, 11, 450.	2.9	5
26	Impact of Subunit Composition on the Uptake of β -Crystallin by Lens and Retina. <i>PLoS ONE</i> , 2015, 10, e0137659.	2.5	4
27	In vitro effects of verteporfin on ocular cells. <i>Molecular Vision</i> , 2013, 19, 424-9.	1.1	4
28	A Supersaturated Oxygen Emulsion for the Topical Treatment of Ocular Trauma. <i>Military Medicine</i> , 2020, 185, e466-e472.	0.8	3
29	Effect of supersaturated oxygen emulsion treatment on chloropicrin-induced chemical injury in ex vivo rabbit cornea. <i>Toxicology Letters</i> , 2021, 349, 124-133.	0.8	3
30	Trans-scleral cyclophotocoagulation: a tale of two probes. <i>International Journal of Ophthalmology</i> , 2019, 12, 161-164.	1.1	1
31	Intraocular Pressure Measurement with Pneumatometry and a Tonometer Tip Cover During Negative Pressure Application. <i>Clinical Ophthalmology</i> , 2022, Volume 16, 1289-1300.	1.8	1