Almudena Crooke

List of Publications by Year
in descending order

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39	868	516215 16	500791 28
papers	citations	h-index	g-index

39	39	39	1056
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neutrophils and neutrophil extracellular trap components: Emerging biomarkers and therapeutic targets for age-related eye diseases. Ageing Research Reviews, 2022, 74, 101553.	5.0	17
2	Therapeutic potential of topical administration of siRNAs against HIF-1Î± for corneal neovascularization. Experimental Eye Research, 2022, 219, 109036.	1.2	6
3	Contact Lenses Loaded with Melatonin Analogs: A Promising Therapeutic Tool against Dry Eye Disease. Journal of Clinical Medicine, 2022, 11, 3483.	1.0	6
4	Visual function, ocular surface integrity and symptomatology of a new extended depth-of-focus and a conventional multifocal contact lens. Contact Lens and Anterior Eye, 2021, 44, 101384.	0.8	5
5	Impact of contact lens wear on NLRP3 gene expression: Implications for ocular frailty in middle-aged adults. Experimental Eye Research, 2021, 202, 108356.	1.2	0
6	Optimization of a Rabbit Dry Eye Model Induced by Topical Instillation of Benzalkonium Chloride. Journal of Ophthalmology, 2020, 2020, 1-10.	0.6	11
7	Effect of Melatonin and Its Analogs on Tear Secretion. Journal of Pharmacology and Experimental Therapeutics, 2019, 371, 186-190.	1.3	8
8	Understanding the Presence and Roles of Ap₄A (Diadenosine Tetraphosphate) in the Eye. Journal of Ocular Pharmacology and Therapeutics, 2017, 33, 426-434.	0.6	4
9	The role and therapeutic potential of melatonin in ageâ€related ocular diseases. Journal of Pineal Research, 2017, 63, e12430.	3.4	54
10	Low expression of CD39 and CD73 genes in centenarians compared with octogenarians. Immunity and Ageing, 2017, 14, 11.	1.8	5
11	The role of dinucleoside polyphosphates on the ocular surface and other eye structures. Progress in Retinal and Eye Research, 2016, 55, 182-205.	7.3	12
12	Melatonin Receptors Trigger cAMP Production and Inhibit Chloride Movements in Nonpigmented Ciliary Epithelial Cells. Journal of Pharmacology and Experimental Therapeutics, 2015, 352, 119-128.	1.3	36
13	Signs and Symptoms of Dry Eye in Keratoconus Patients: A Pilot Study. Current Eye Research, 2015, 40, 1088-1094.	0.7	43
14	Effect of Melatonin and Analogues on Corneal Wound Healing: Involvement of Mt₂Melatonin Receptor. Current Eye Research, 2015, 40, 56-65.	0.7	25
15	An update on dry eye disease molecular treatment: advances in drug pipelines. Expert Opinion on Pharmacotherapy, 2014, 15, 1371-1390.	0.9	20
16	Melatonin and Its Analog 5-Methoxycarbonylamino-N-Acetyltryptamine Potentiate Adrenergic Receptor-Mediated Ocular Hypotensive Effects in Rabbits: Significance for Combination Therapy in Glaucoma. Journal of Pharmacology and Experimental Therapeutics, 2013, 346, 138-145.	1.3	27
17	Potential Role of Rho-Associated Protein Kinase Inhibitors for Glaucoma Treatment. Recent Patents on Endocrine, Metabolic & Immune Drug Discovery, 2012, 6, 89-98.	0.7	10
18	Recent Patents and Developments in Glaucoma Biomarkers. Recent Patents on Endocrine, Metabolic & Immune Drug Discovery, 2012, 6, 224-234.	0.7	6

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19	Ocular disorders and the utility of animal models in the discovery of melatoninergic drugs with therapeutic potential. Expert Opinion on Drug Discovery, 2012, 7, 989-1001.	2.5	14
20	Silencing of P2Y₂ receptors reduces intraocular pressure in New Zealand rabbits. British Journal of Pharmacology, 2012, 165, 1163-1172.	2.7	30
21	Involvement of carbonic anhydrases in the ocular hypotensive effect of melatonin analogue 5â€MCAâ€NAT. Journal of Pineal Research, 2012, 52, 265-270.	3.4	16
22	Update in Glaucoma Medicinal Chemistry: Emerging Evidence for the Importance of Melatonin Analogues. Current Medicinal Chemistry, 2012, 19, 3508-3522.	1.2	25
23	Phospholipase C/Protein Kinase C Pathway is Essential for Corneal Re-epithelialization Induced by Ap₄A. Current Eye Research, 2011, 36, 1108-1115.	0.7	11
24	Regulation of ocular adrenoceptor genes expression by 5-MCA-NAT. Pharmacogenetics and Genomics, 2011, 21, 587-589.	0.7	9
25	Realâ€time PCR quantification of haematopoietic chimerism after transplantation: a comparison between TaqMan and hybridization probes technologies. International Journal of Laboratory Hematology, 2010, 32, e17-25.	0.7	6
26	Long-term follow-up of donor chimerism and tolerance after human liver transplantation. Liver Transplantation, 2009, 15, 581-591.	1.3	19
27	5â€MCAâ€NAT does not act through NQO2 to reduce intraocular pressure in Newâ€Zealand white rabbit. Journal of Pineal Research, 2009, 47, 201-209.	3.4	28
28	Silencing of P2Y2 receptor delays Ap4A-corneal re-epithelialization process. Molecular Vision, 2009, 15, 1169-78.	1.1	16
29	Sympathetic nervous system modulates the ocular hypotensive action of MT₂â€melatonin receptors in normotensive rabbits. Journal of Pineal Research, 2008, 45, 468-475.	3.4	33
30	Hypotensive effect of UDP on intraocular pressure in rabbits. European Journal of Pharmacology, 2008, 579, 93-97.	1.7	28
31	Effect of PPADS on achondroplasic chondrocytes: Inhibition of FGF receptor type 3 over-activity. European Journal of Pharmacology, 2008, 584, 72-77.	1.7	5
32	Nucleotides in ocular secretions: Their role in ocular physiology. , 2008, 119, 55-73.		39
33	Corneal Re-epithelialization Stimulated by Diadenosine Polyphosphates Recruits RhoA/ROCK and ERK1/2 Pathways. , 2008, 49, 4982.		30
34	Requirement of intact sympathetic transmission for the ocular hypotensive effects of melatonin and 5-MCA-NAT. Autonomic Neuroscience: Basic and Clinical, 2007, 137, 63-66.	1.4	20
35	Comparison of the MagNA pure LC automated system and the RiboPure-Blood RNA manual method for RNA extraction from multiple myeloma bone marrow samples conserved in an RNA stabilizer. International Journal of Laboratory Hematology, 2007, 29, 139-144.	0.7	7
36	Dinucleoside polyphosphates in the eye: from physiology to therapeutics. Progress in Retinal and Eye Research, 2007, 26, 674-687.	7.3	37

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37	Transient silencing of Plasmodium falciparum bifunctional glucose-6-phosphate dehydrogenase-6-phosphogluconolactonase. FEBS Journal, 2006, 273, 1537-1546.	2.2	28
38	Dual-function stem molecular beacons to assess mRNA expression in AT-rich transcripts of Plasmodium falciparum. BioTechniques, 2004, 36, 488-494.	0.8	13
39	Failure to increase glucose consumption through the pentose-phosphate pathway results in the death of glucose-6-phosphate dehydrogenase gene-deleted mouse embryonic stem cells subjected to oxidative stress. Biochemical Journal, 2003, 370, 935-943.	1.7	159