Pharmacotherapies for Glaucoma

Current Molecular Medicine
10, 824-840
DOI: 10.2174/156652410793937778

Citation Report

#	Article	IF	Citations
1	Novel drug delivery systems for glaucoma. Eye, 2011, 25, 578-586.	2.1	134
2	The biology, pathology and therapeutic use of prostaglandins in the eye. Clinical Lipidology, 2011, 6, 577-591.	0.4	9
3	Oral Administration of Forskolin and Rutin Contributes to Intraocular Pressure Control in Primary Open Angle Glaucoma Patients Under Maximum Tolerated Medical Therapy. Journal of Ocular Pharmacology and Therapeutics, 2012, 28, 536-541.	1.4	34
4	Involvement of a non-CB1/CB2 cannabinoid receptor in the aqueous humor outflow-enhancing effects of abnormal-cannabidiol. Experimental Eye Research, 2012, 100, 59-64.	2.6	9
5	Neural Engineering. , 2013, , .		24
6	Early postoperative safety and surgical outcomes after implantation of a suprachoroidal micro-stent for the treatment of open-angle glaucoma concomitant with cataract surgery. Journal of Cataract and Refractive Surgery, 2013, 39, 431-437.	1.5	78
7	Protective effects of the compounds isolated from the seed of Psoralea corylifolia on oxidative stress-induced retinal damage. Toxicology and Applied Pharmacology, 2013, 269, 109-120.	2.8	48
8	Cholesterol and Glycosphingolipids of Human Trabecular Meshwork and Aqueous Humor: Comparative Profiles from Control and Glaucomatous Donors. Current Eye Research, 2013, 38, 1017-1026.	1.5	28
9	Potentiation of the Effect of Thiazide Derivatives by Carbonic Anhydrase Inhibitors: Molecular Mechanisms and Potential Clinical Implications. PLoS ONE, 2013, 8, e79327.	2.5	40
10	The impact of timolol maleate on the ocular tolerability of fixed-combination glaucoma therapies. Clinical Ophthalmology, 2014, 8, 2541.	1.8	15
12	Autonomic drugs in the treatment of canine and feline glaucoma â€“ Part II: Medications that lower intraocular pressure by reducing aqueous humour production. Polish Journal of Veterinary Sciences, 2014, 17, 753-763.	0.2	3
13	IOP-lowering effect of isoquinoline-5-sulfonamide compounds in ocular normotensive monkeys. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 831-834.	2.2	22
14	Neuroprotective effects of C3 exoenzyme in excitotoxic retinopathy. Experimental Eye Research, 2014, 125, 128-134.	2.6	11
15	Bioactive Lysophospholipids: Role in Regulation of Aqueous Humor Outflow and Intraocular Pressure in the Context of Pathobiology and Therapy of Glaucoma. Journal of Ocular Pharmacology and Therapeutics, 2014, 30, 181-190.	1.4	23
16	Anatomic and physiologic rationale to be applied in accessing the suprachoroidal space for management of glaucoma. Journal of Cataract and Refractive Surgery, 2014, 40, 1285-1290.	1.5	6
17	Pharmacotherapy of Glaucoma. Journal of Ocular Pharmacology and Therapeutics, 2015, 31, 63-77.	1.4	121
18	Novel Potential Treatment Modalities for Ocular Hypertension: Focus on Angiotensin and Bradykinin System Axes. Journal of Ocular Pharmacology and Therapeutics, 2015, 31, 131-145.	1.4	13
19	Supraciliary Micro-stent Implantation for Open-Angle Glaucoma Failing Topical Therapy: 1-Year Results of a Multicenter Study. American Journal of Ophthalmology, 2015, 159, 1075-1081.e1.	3.3	97

#	Article	IF	Citations
20	Digoxin derivatives with selectivity for the Î±2Î²3 isoform of Na,K-ATPase potently reduce intraocular pressure. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13723-13728.	7.1	24
21	Benefits of Tafluprost and Timolol Fixed-Dose Combination for the Treatment of Glaucoma Are Confirmed by Studies on Experimental Animal Models. Journal of Ocular Pharmacology and Therapeutics, 2015, 31, 518-524.	1.4	3
22	The Potential of Human Stem Cells for the Study and Treatment of Glaucoma. , 2016, 57, ORSFi1.		51
23	Initial Clinical Experience With the CyPass Micro-Stent. Journal of Glaucoma, 2016, 25, 106-112.	1.6	85
24	Aqueous humour dynamics and biometrics in the ageing Chinese eye. British Journal of Ophthalmology, 2017, 101, 1290-1296.	3.9	7
25	Characterization of ocular biometrics and aqueous humor dynamics in primary angle closure suspects. Medicine (United States), 2017, 96, e6096.	1.0	2
26	Innovative alternatives in the surgical management of glaucoma with cataract surgery. Expert Review of Ophthalmology, 2017, 12, 403-419.	0.6	3
27	Steroid-induced ocular hypertension/glaucoma: Focus on pharmacogenomics and implications for precision medicine. Progress in Retinal and Eye Research, 2017, 56, 58-83.	15.5	103
28	Cannabinoid Regulation of Intraocular Pressure: Human and Animal Studies, Cellular and Molecular Targets. , 2017, , 748-759.		1
29	ATP-sensitive potassium (KATP) channel openers diazoxide and nicorandil lower intraocular pressure by activating the Erk1/2 signaling pathway. PLoS ONE, 2017, 12, e0179345.	2.5	11
30	iDrugs andiDevices Discovery Research: Preclinical Assays, Techniques, and Animal Model Studies for Ocular Hypotensives and Neuroprotectants. Journal of Ocular Pharmacology and Therapeutics, 2018, 34, 7-39.	1.4	32
31	Active Lymphatic Drainage From the Eye Measured by Noninvasive Photoacoustic Imaging of Near-Infrared Nanoparticles. , 2018, 59, 2699.		24
32	Effects of a Novel Selective EP2 Receptor Agonist, Omidenepag Isopropyl, on Aqueous Humor Dynamics in Laser-Induced Ocular Hypertensive Monkeys. Journal of Ocular Pharmacology and Therapeutics, 2018, 34, 531-537.	1.4	72
33	Targeting Serotonin 2A and Adrenergic Î±1 Receptors for Ocular Antihypertensive Agents: Discovery of 3,4-Dihydropyrazino[1,2-b]indazol-1(2H)-one Derivatives. ChemMedChem, 2018, 13, 1597-1607.	3.2	12
34	The Intraocular Pressure-Lowering Effect of Persimmon leaves (Diospyros kaki) in a Mouse Model of Glaucoma. International Journal of Molecular Sciences, 2019, 20, 5268.	4.1	8
35	Lentiviral Vector-Mediated Expression of Exoenzyme C3 Transferase Lowers Intraocular Pressure in Monkeys. Molecular Therapy, 2019, 27, 1327-1338.	8.2	21
36	Ocular Fluid Dynamics. Modeling and Simulation in Science, Engineering and Technology, 2019, , .	0.6	9
37	Crosstalk between EP2 and PPARÎ± Modulates Hypoxic Signaling and Myopia Development in Guinea Pigs. , 2020, 61, 44.		9

#	Article	IF	Citations
38	Current and emerging fixed combination therapies in glaucoma: a safety and tolerability review. Expert Opinion on Drug Safety, 2020, 19, 1445-1460.	2.4	10
39	Microinvasive glaucoma surgery: a review and classification of implantâ€dependent procedures and techniques. Acta Ophthalmologica, 2022, 100, .	1.1	18
40	Additive Intraocular Pressure-Lowering Effects of a Novel Selective EP2 Receptor Agonist, Omidenepag Isopropyl, Combined with Existing Antiglaucoma Agents in Conscious Ocular Normotensive Monkeys. Journal of Ocular Pharmacology and Therapeutics, 2021, 37, 223-229.	1.4	14
41	The CyPass Suprachoroidal Micro-Stent. , 2014, , 229-233.		1
42	Resonant magnetoelastic microstructures for wireless actuation of liquid flow on 3D surfaces and use in glaucoma drainage implants. Microsystems and Nanoengineering, 2015, 1, .	7.0	13
43	Autotaxin-Lysophosphatidic Acid Axis Is a Novel Molecular Target for Lowering Intraocular Pressure. PLoS ONE, 2012, 7, e42627.	2.5	60
44	Recent Patents on Ophthalmic Nanoformulations and Therapeutic Implications. Recent Patents on Drug Delivery and Formulation, 2014, 8, 193-201.	2.1	35
45	Nanoemulsions as Ophthalmic Drug Delivery Systems. Turkish Journal of Pharmaceutical Sciences, 2021, 18, 652-664.	1.4	24
46	Retinal Bioengineering. , 2013, , 565-634.		0
47	Absolute Glaucoma. , 2014, , 51-85.		0
48	Bimatoprost/timolol fixed combination (BTFC) in patients with primary open angle glaucoma or ocular hypertension in Greece. International Journal of Ophthalmology, 2016, 9, 69-75.	1.1	2
49	Aqueous Humor Dynamics and Its Influence on Glaucoma. Modeling and Simulation in Science, Engineering and Technology, 2019, , 191-213.	0.6	2
50	Retinal Bioengineering. , 2020, , 581-637.		0
52	Dorzolamide Loaded Niosomal Vesicles: Comparison of Passive and Remote Loading Methods. Iranian Journal of Pharmaceutical Research, 2017, 16, 413-422.	0.5	8
53	The Effects of Cannabidiol on Aqueous Humor Outflow and Trabecular Meshwork Cell Signaling. Cells, 2022, 11, 3006.	4.1	3
54	The emerging roles of GPR158 in the regulation of the endocrine system. Frontiers in Cell and Developmental Biology, 0, 10, .	3.7	2
55	Sustained release ocular drug delivery systems for glaucoma therapy. Expert Opinion on Drug Delivery, 2023, 20, 905-919.	5.0	5
56	Investigation into the usefulness of cynomolgus monkeys with spontaneously elevated intraocular pressure as a model for glaucoma treatment research. Journal of Pharmacological Sciences, 2024, 154, 52-60.	2.5	0