John M Marshall

List of Publications by Year
in descending order

32 papers	910 citations	687363 13 h-index	580821 25 g-index
32 all docs	32 docs citations	32 times ranked	1000 citing authors

#	Article	IF	Citations
1	Correlation between Biochemical Composition and Fluorescein Binding of Deposits in Bruch's Membrane. Ophthalmology, 1992, 99, 1548-1553.	5.2	165
2	Postoperative Efficacy, Predictability, Safety, and Visual Quality of Laser Corneal Refractive Surgery: A Network Meta-analysis. American Journal of Ophthalmology, 2017, 178, 65-78.	3.3	101
3	Corneal Haze after Excimer Laser Refractive Surgery: Objective Measurements and Functional Implications. European Journal of Ophthalmology, 1991, 1, 173-180.	1.3	96
4	Age-dependent variation in metalloproteinase activity of isolated human Bruch's membrane and choroid. Investigative Ophthalmology and Visual Science, 1999, 40, 2676-82.	3.3	79
5	Disturbed Matrix Metalloproteinase Activity of Bruch's Membrane in Age-Related Macular Degeneration. , 2011, 52, 4459.		72
6	Laser-Mediated Activation of Human Retinal Pigment Epithelial Cells and Concomitant Release of Matrix Metalloproteinases. , 2012, 53, 2928.		40
7	Increased Sequestration of Matrix Metalloproteinases in Ageing Human Bruch's Membrane: Implications for ECM Turnover. , 2010, 51, 2664.		34
8	Twenty-Year Follow-Up of a Randomized Prospective Clinical Trial of Excimer Laser Photorefractive Keratectomy. American Journal of Ophthalmology, 2014, 158, 651-663.e1.	3.3	32
9	Personalised genome editing â€“ The future for corneal dystrophies. Progress in Retinal and Eye Research, 2018, 65, 147-165.	15.5	31
10	Eighteen-year follow-up of excimer laser photorefractive keratectomy. Journal of Cataract and Refractive Surgery, 2015, 41, 23-32.	1.5	26
11	Eye hazards of laser â€˜pointersâ€™ in perspective. British Journal of Ophthalmology, 2016, 100, 583-584.	3.9	24
12	The 2014 Bowman Lectureâ€”Bowmanâ€™s and Bruchâ€™s: a tale of two membranes during the laser revolution. Eye, 2015, 29, 46-64.	2.1	20
13	High Molecular-Weight Gelatinase Species of Human Bruch's Membrane: Compositional Analyses and Age-Related Changes. , 2010, 51, 2363.		19
14	Modulating the Transport Characteristics of Bruch's Membrane With Steroidal Glycosides and its Relevance to Age-Related Macular Degeneration (AMD). , 2015, 56, 8403.		15
15	Disturbed Matrix Metalloproteinase Pathway in Both Age-Related Macular Degeneration and Alzheimerâ€™s Disease. Journal of Neurodegenerative Diseases, 2017, 2017, 1-13.	1.1	15
16	Survival of structure and function in postmortem rat and human retinas: rhodopsin regeneration, cGMP and the ERG. Current Eye Research, 1990, 9, 151-162.	1.5	14
17	Light in manâ€™s environment. Eye, 2016, 30, 211-214.	2.1	14
18	Post-LASIK exacerbation of granular corneal dystrophy type 2 in members of a chinese family. Eye, 2018, 32, 39-43.	2.1	14

#	Article	IF	Citations
19	An interferometric ex vivo study of corneal biomechanics under physiologically representative loading, highlighting the role of the limbus in pressure compensation. Eye and Vision (London,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.0	14
20	Mutation-Independent Allele-Specific Editing by CRISPR-Cas9, a Novel Approach to Treat Autosomal Dominant Disease. Molecular Therapy, 2020, 28, 1846-1857.	8.2	13
21	Understanding the complexity of the matrix metalloproteinase system and its relevance to age-related diseases: Age-related macular degeneration and Alzheimer's disease. Progress in Retinal and Eye Research, 2020, 74, 100775.	15.5	12
22	The role of light in measuring ocular biomechanics. Eye, 2016, 30, 234-240.	2.1	10
23	Characterization of the Gelatinase System of the Laminar Human Optic Nerve, and Surrounding Annulus of Bruch's Membrane, Choroid, and Sclera. , 2014, 55, 2358.		9
24	Doyne honeycomb retinal dystrophy â€“ functional improvement following subthreshold nanopulse laser treatment: a case report. Journal of Medical Case Reports, 2019, 13, 5.	0.8	7
25	TGFBI Gene Mutation Analysis of Clinically Diagnosed Granular Corneal Dystrophy Patients Prior to PTK: A Pilot Study from Eastern China. Scientific Reports, 2017, 7, 596.	3.3	6
26	Surgical efficiency in femtosecond laser cataract surgery compared with phacoemulsification cataract surgery: a caseâ€“control study. BMJ Open, 2018, 8, e018478.	1.9	6
27	The Difference between Approval Processes for Medicinal Products and Medical Devices in Europe. Ophthalmologica, 2021, 244, 368-378.	1.9	6
28	Osmotically induced removal of lens epithelial cells to prevent PCO after pediatric cataract surgery: Pilot study to assess feasibility. Journal of Cataract and Refractive Surgery, 2019, 45, 1480-1489.	1.5	5
29	Biomechanical Evaluation of Decellularized and Crosslinked Corneal Implants Manufactured From Porcine Corneas as a Treatment Option for Advanced Keratoconus. Frontiers in Bioengineering and Biotechnology, 2022, 10, 862969.	4.1	5
30	Survival of cone responses in postmortem human retina. Documenta Ophthalmologica, 1993, 83, 91-96.	2.2	4
31	An Analysis of Some Behavioural Characteristics of Normal and Dystrophic Human RPE Cells in Tissue Culture. Ophthalmic Paediatrics and Genetics, 1985, 6, 157-162.	0.4	2
32	Re: Rosenfeld etÂal.: Warning: do not treat intermediate AMD with laser therapy (Ophthalmology.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	5.2	0