Elisabeth M Messmer

List of Publications by Year
in descending order

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47 papers	3,460 citations	201385 27 h-index	253896 43 g-index
53 all docs	53 docs citations	53 times ranked	2854 citing authors

#	Article	IF	Citations
1	Role of Hyperosmolarity in the Pathogenesis and Management of Dry Eye Disease: Proceedings of the OCEAN Group Meeting. Ocular Surface, 2013, 11, 246-258.	2.2	359
2	Revisiting the vicious circle of dry eye disease: a focus on the pathophysiology of meibomian gland dysfunction. British Journal of Ophthalmology, 2016, 100, 300-306.	2.1	332
3	The Pathophysiology, Diagnosis, and Treatment of Dry Eye Disease. Deutsches Ärzteblatt International, 2015, 112, 71-81; quiz 82.	0.6	300
4	Correlations between commonly used objective signs and symptoms for the diagnosis of dry eye disease: clinical implications. Acta Ophthalmologica, 2014, 92, 161-166.	0.6	280
5	Neurotrophic keratopathy. Progress in Retinal and Eye Research, 2018, 66, 107-131.	7.3	250
6	Vasculitic Peripheral Ulcerative Keratitis. Survey of Ophthalmology, 1999, 43, 379-396.	1.7	191
7	Inflammation in Glaucoma: From the back to the front of the eye, and beyond. Progress in Retinal and Eye Research, 2021, 83, 100916.	7.3	183
8	Matrix Metalloproteinase 9 Testing in Dry Eye Disease Using a Commercially Available Point-of-Care Immunoassay. Ophthalmology, 2016, 123, 2300-2308.	2.5	123
9	Defining Dry Eye from a Clinical Perspective. International Journal of Molecular Sciences, 2020, 21, 9271.	1.8	118
10	Emerging strategies for the diagnosis and treatment of meibomian gland dysfunction: Proceedings of the OCEAN group meeting. Ocular Surface, 2017, 15, 179-192.	2.2	107
11	In vivo confocal microscopy of corneal small fiber damage in diabetes mellitus. Graefe's Archive for Clinical and Experimental Ophthalmology, 2010, 248, 1307-1312.	1.0	101
12	Clinical impact of inflammation in dry eye disease: proceedings of the <scp>ODISSEY</scp> group meeting. Acta Ophthalmologica, 2018, 96, 111-119.	0.6	100
13	In Vivo Confocal Microscopy of Normal Conjunctiva and Conjunctivitis. Cornea, 2006, 25, 781-788.	0.9	95
14	In Vivo Confocal Microscopy of Filtering Blebs After Trabeculectomy. JAMA Ophthalmology, 2006, 124, 1095.	2.6	83
15	Distribution of Antigen Presenting Cells in the Human Cornea: Correlation of In Vivo Confocal Microscopy and Immunohistochemistry in Different Pathologic Entities. Current Eye Research, 2012, 37, 1012-1018.	0.7	78
16	Reconsidering the central role of mucins in dry eye and ocular surface diseases. Progress in Retinal and Eye Research, 2019, 71, 68-87.	7.3	78
17	A Randomized Study of the Efficacy and Safety of 0.1% Cyclosporine a Cationic Emulsion in Treatment of Moderate to Severe Dry Eye. European Journal of Ophthalmology, 2017, 27, 520-530.	0.7	65
18	Morphological and Immunohistochemical Changes After Corneal Cross-Linking. Cornea, 2013, 32, 111-117.	0.9	58

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19	Visual acuity and quality of life in dry eye disease: Proceedings of the OCEAN group meeting. Ocular Surface, 2017, 15, 169-178.	2.2	57
20	The ocular microbiome and microbiota and their effects on ocular surface pathophysiology and disorders. Survey of Ophthalmology, 2021, 66, 907-925.	1.7	56
21	In vivo confocal microscopy of pigmented conjunctival tumors. Graefe's Archive for Clinical and Experimental Ophthalmology, 2006, 244, 1437-1445.	1.0	51
22	Toxic eosinophil granule protein deposition in corneal ulcerations and scars associated with atopic keratoconjunctivitis. American Journal of Ophthalmology, 2002, 134, 816-821.	1.7	50
23	Prospective, randomized, double-blind trial to investigate the efficacy and safety of corneal cross-linking to halt the progression of keratoconus. BMC Ophthalmology, 2015, 15, 78.	0.6	47
24	Semifluorinated Alkane Eye Drops for Treatment of Dry Eye Disease Due to Meibomian Gland Disease. Journal of Ocular Pharmacology and Therapeutics, 2017, 33, 678-685.	0.6	42
25	The role of systemic and topical fatty acids for dry eye treatment. Progress in Retinal and Eye Research, 2017, 61, 23-34.	7.3	40
26	Donor-Related Risk Factors and Preoperative Recipient-Related Risk Factors for Graft Failure. Cornea, 2014, 33, 1149-1156.	0.9	36
27	Efficacy and safety of 0.1% ciclosporin A cationic emulsion in dry eye disease: a pooled analysis of two double-masked, randomised, vehicle-controlled phase III clinical studies. British Journal of Ophthalmology, 2019, 103, 125-131.	2.1	35
28	Controlled Adverse Environment Chambers in Dry Eye Research. Current Eye Research, 2018, 43, 445-450.	0.7	20
29	Perioperative and postoperative risk factors for corneal graft failure. Clinical Ophthalmology, 2014, 8, 1641.	0.9	18
30	Pathophysiology of dry eye disease and novel therapeutic targets. Experimental Eye Research, 2022, 217, 108944.	1.2	12
31	Comparing the needs and preferences of patients with moderate and severe dry eye symptoms across four countries. BMJ Open Ophthalmology, 2019, 4, e000360.	0.8	11
32	TFOS European Ambassador meeting: Unmet needs and future scientific and clinical solutions for ocular surface diseases. Ocular Surface, 2020, 18, 936-962.	2.2	11
33	Histological Corneal Alterations in Keratoconus After Crosslinkingâ€"Expansion of Findings. Cornea, 2020, 39, 333-341.	0.9	10
34	Expression of matrix metalloproteinase-1, -9, -13, and tissue inhibitor of metalloproteinases-1 in basal cell carcinomas of the eyelid. Graefe's Archive for Clinical and Experimental Ophthalmology, 2012, 250, 425-431.	1.0	9
35	Defining the needs and preferences of patients with dry eye disease. BMJ Open Ophthalmology, 2019, 4, e000315.	0.8	9
36	Bilateral Recurrent Calcareous Degeneration of the Cornea. Cornea, 2005, 24, 498-502.	0.9	7

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37	ADenoVirus Initiative Study in Epidemiology (ADVISE)â€"results of a multicenter epidemiology study in Germany. Graefe's Archive for Clinical and Experimental Ophthalmology, 2019, 257, 249-251.	1.0	7
38	Confocal microscopy: when is it helpful to diagnose corneal and conjunctival disease?. Expert Review of Ophthalmology, 2008, 3, 177-192.	0.3	6
39	Differences in basement membrane zone components of normal conjunctiva, conjunctiva in glaucoma and normal skin. Acta Ophthalmologica, 2012, 90, e476-81.	0.6	4
40	Cornea. , 2015, , 79-154.		4
41	Conjunctival Granulomatosis in Churg-Strauss Syndrome. JAMA Ophthalmology, 2012, 130, 1228.	2.6	3
42	Update on corneal cross-linking for keratoconus. Oman Journal of Ophthalmology, 2013, 6, 8.	0.2	3
43	Effect of IPL in Patients with Meibomian Gland Dysfunction. Klinische Monatsblatter Fur Augenheilkunde, 2021, 238, 893-898.	0.3	3
44	Penetrating keratoplasty after complicated small incision lenticule extraction a case report. American Journal of Ophthalmology Case Reports, 2020, 19, 100730.	0.4	0
45	The Enduring Experience in Dry Eye Diagnosis: A Non-Interventional Study Comparing the Experiences of Patients Living With and Without SjÃ¶grenâ€™s Syndrome. Ophthalmology and Therapy, 2021, 10, 321-335.	1.0	0
46	Funktionelle SehschÃrfe beim Trockenen Auge. Spektrum Der Augenheilkunde, 2021, 35, 143-149.	0.2	0
47	In Vivo Confocal Microscopy in Healthy Conjunctiva, Conjunctivitis, and Conjunctival Tumors. , 2008, , 217-227.		0