Ursula SchlÃ¶tzer-Schrehardt

List of Publications by Year
in descending order

75 papers	4,005 citations	147566 31 h-index	143772 57 g-index
77 all docs	77 docs citations	77 times ranked	4327 citing authors

#	ARTICLE	IF	CITATIONS
1	Ocular and Systemic Pseudoexfoliation Syndrome. American Journal of Ophthalmology, 2006, 141, 921-937.e2.	1.7	515
2	Matrix Metalloproteinases and Their Inhibitors in Aqueous Humor of Patients with Pseudoexfoliation Syndrome/Glaucoma and Primary Open-Angle Glaucoma. , 2003, 44, 1117.		196
3	Î±-Synuclein oligomers induce early axonal dysfunction in human iPSC-based models of synucleinopathies. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7813-7818.	3.3	168
4	Electron-microscopic Identification of Pseudoexfoliation Material in Extrabulbar Tissue. JAMA Ophthalmology, 1991, 109, 565.	2.6	159
5	The Pathogenesis of Floppy Eyelid SyndromeInvolvement of matrix metalloproteinases in elastic fiber degradation. Ophthalmology, 2005, 112, 694-704.	2.5	141
6	Proinflammatory Cytokines Are Involved in the Initiation of the Abnormal Matrix Process in Pseudoexfoliation Syndrome/Glaucoma. American Journal of Pathology, 2010, 176, 2868-2879.	1.9	135
7	Elevated homocysteine levels in aqueous humor of patients with pseudoexfoliation glaucoma. American Journal of Ophthalmology, 2004, 138, 162-164.	1.7	121
8	Genotype-Correlated Expression of Lysyl Oxidase-Like 1 in Ocular Tissues of Patients with Pseudoexfoliation Syndrome/Glaucoma and Normal Patients. American Journal of Pathology, 2008, 173, 1724-1735.	1.9	118
9	Molecular pathology of pseudoexfoliation syndrome/glaucoma â€“ New insights from LOXL1 gene associations. Experimental Eye Research, 2009, 88, 776-785.	1.2	115
10	Genetic association study of exfoliation syndrome identifies a protective rare variant at LOXL1 and five new susceptibility loci. Nature Genetics, 2017, 49, 993-1004.	9.4	114
11	FoxO Function Is Essential for Maintenance of Autophagic Flux and Neuronal Morphogenesis in Adult Neurogenesis. Neuron, 2018, 99, 1188-1203.e6.	3.8	107
12	Expression and localization of FP and EP prostanoid receptor subtypes in human ocular tissues. Investigative Ophthalmology and Visual Science, 2002, 43, 1475-87.	3.3	104
13	Graft Adhesion in Descemet Membrane Endothelial Keratoplasty Dependent on Size of Removal of Hostâ€™s Descemet Membrane. JAMA Ophthalmology, 2014, 132, 155.	1.4	95
14	LOXL1 Deficiency in the Lamina Cribrosa as Candidate Susceptibility Factor for a Pseudoexfoliation-Specific Risk of Glaucoma. Ophthalmology, 2012, 119, 1832-1843.	2.5	90
15	Reproducibility of Graft Preparations in Descemet's Membrane Endothelial Keratoplasty. Ophthalmology, 2013, 120, 1769-1777.	2.5	80
16	Characterization of the Cleavage Plane in Descemet's Membrane Endothelial Keratoplasty. Ophthalmology, 2011, 118, 1950-1957.	2.5	77
17	Regulation of Lysyl Oxidase-like 1 (LOXL1) and Elastin-Related Genes by Pathogenic Factors Associated with Pseudoexfoliation Syndrome. , 2011, 52, 8488.		77
18	Involvement of ZEB1 and Snail1 in excessive production of extracellular matrix in Fuchs endothelial corneal dystrophy. Laboratory Investigation, 2015, 95, 1291-1304.	1.7	73

#	Article	IF	Citations
19	Genetics and genomics of pseudoexfoliation syndrome/glaucoma. Middle East African Journal of Ophthalmology, 2011, 18, 30.	0.5	68
20	Selective Upregulation of the A3 Adenosine Receptor in Eyes with Pseudoexfoliation Syndrome and Glaucoma. , 2005, 46, 2023.		63
21	Laminin-511 and -521 Enable Efficient In Vitro Expansion of Human Corneal Endothelial Cells. , 2015, 56, 2933.		62
22	Ultrastructure of the Posterior Corneal Stroma. Ophthalmology, 2015, 122, 693-699.	2.5	62
23	Transforming and insulin-like growth factors in the aqueous humour of patients with exfoliation syndrome. Graefe's Archive for Clinical and Experimental Ophthalmology, 2001, 239, 482-487.	1.0	59
24	Pseudoexfoliation syndrome-associated genetic variants affect transcription factor binding and alternative splicing of LOXL1. Nature Communications, 2017, 8, 15466.	5.8	57
25	Genome-wide association study with DNA pooling identifies variants at CNTNAP2 associated with pseudoexfoliation syndrome. European Journal of Human Genetics, 2011, 19, 186-193.	1.4	56
26	Mitochondrial and Morphologic Alterations in Native Human Corneal Endothelial Cells Associated With Diabetes Mellitus. , 2017, 58, 2130.		54
27	Immunolocalisation of thrombospondin 1 in human, bovine and rabbit cornea. Cell and Tissue Research, 1997, 289, 307-310.	1.5	51
28	Activation of TGF-Î² signaling induces cell death via the unfolded protein response in Fuchs endothelial corneal dystrophy. Scientific Reports, 2017, 7, 6801.	1.6	50
29	The AP-1 transcription factor Fra1 inhibits follicular B cell differentiation into plasma cells. Journal of Experimental Medicine, 2014, 211, 2199-2212.	4.2	45
30	Potential Functional Restoration of Corneal Endothelial Cells in Fuchs Endothelial Corneal Dystrophy by ROCK Inhibitor (Ripasudil). American Journal of Ophthalmology, 2021, 224, 185-199.	1.7	44
31	Immunolocalization of growth factors in the human ciliary body epithelium. Current Eye Research, 1993, 12, 893-905.	0.7	43
32	Laminin-511 and -521-based matrices for efficient ex vivo-expansion of human limbal epithelial progenitor cells. Scientific Reports, 2017, 7, 5152.	1.6	42
33	Feasibility of cell-based therapy combined with descemetorhexis for treating Fuchs endothelial corneal dystrophy in rabbit model. PLoS ONE, 2018, 13, e0191306.	1.1	42
34	Transcription factor profiling identifies Sox9 as regulator of proliferation and differentiation in corneal epithelial stem/progenitor cells. Scientific Reports, 2018, 8, 10268.	1.6	39
35	Sustained Activation of the Unfolded Protein Response Induces Cell Death in Fuchs' Endothelial Corneal Dystrophy. , 2017, 58, 3697.		38
36	Case Report: Neutralization of Autoantibodies Targeting G-Protein-Coupled Receptors Improves Capillary Impairment and Fatigue Symptoms After COVID-19 Infection. Frontiers in Medicine, 2021, 8, 754667.	1.2	38

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37	Occurrence of pseudoexfoliative material in parabulbar structures in pseudoexfoliation syndrome. Acta Ophthalmologica, 1991, 69, 124-130.	0.6	36
38	Aggregated neutrophil extracellular traps occlude Meibomian glands during ocular surface inflammation. Ocular Surface, 2021, 20, 1-12.	2.2	36
39	Posttranslational modification and mutation of histidine 50 trigger alpha synuclein aggregation and toxicity. Molecular Neurodegeneration, 2015, 10, 8.	4.4	34
40	ER stress and basement membrane defects combine to cause glomerular and tubular renal disease resulting from Col4a1 mutations in mice. DMM Disease Models and Mechanisms, 2016, 9, 165-176.	1.2	34
41	Analysis of aqueous humour proteins of eyes with and without pseudoexfoliation syndrome. Graefe's Archive for Clinical and Experimental Ophthalmology, 2001, 239, 743-746.	1.0	32
42	Energy-filtering transmission electron microscopy (EFTEM) in the elemental analysis of pseudoexfoliative material. Current Eye Research, 2001, 22, 154-162.	0.7	31
43	The role of lysyl oxidase-like 1 (LOXL1) in exfoliation syndrome and glaucoma. Experimental Eye Research, 2019, 189, 107818.	1.2	30
44	Dual Functional States of R406W-Desmin Assembly Complexes Cause Cardiomyopathy With Severe Intercalated Disc Derangement in Humans and in Knock-In Mice. Circulation, 2020, 142, 2155-2171.	1.6	27
45	Retinal Microcirculation as a Correlate of a Systemic Capillary Impairment After Severe Acute Respiratory Syndrome Coronavirus 2 Infection. Frontiers in Medicine, 2021, 8, 676554.	1.2	24
46	Molecular Biology of Exfoliation Syndrome. Journal of Glaucoma, 2018, 27, S32-S37.	0.8	23
47	The protective variant rs7173049 at LOXL1 locus impacts on retinoic acid signaling pathway in pseudoexfoliation syndrome. Human Molecular Genetics, 2019, 28, 2531-2548.	1.4	22
48	Tideglusib Rescues Neurite Pathology of SPG11 iPSC Derived Cortical Neurons. Frontiers in Neuroscience, 2018, 12, 914.	1.4	21
49	Posttranscriptional Regulation of LOXL1 Expression Via Alternative Splicing and Nonsense-Mediated mRNA Decay as an Adaptive Stress Response. , 2017, 58, 5930.		20
50	Integrin: Basement membrane adhesion by corneal epithelial and endothelial cells. Experimental Eye Research, 2020, 198, 108138.	1.2	20
51	Loss of fibulin-4 results in abnormal collagen fibril assembly in bone, caused by impaired lysyl oxidase processing and collagen cross-linking. Matrix Biology, 2016, 50, 53-66.	1.5	18
52	Dysfunction of the limbal epithelial stem cell niche in aniridia-associated keratopathy. Ocular Surface, 2021, 21, 160-173.	2.2	18
53	Association of Rare CYP39A1 Variants With Exfoliation Syndrome Involving the Anterior Chamber of the Eye. JAMA - Journal of the American Medical Association, 2021, 325, 753.	3.8	16
54	The Hematologic Definition of Monoclonal Gammopathy of Undetermined Significance in Relation to Paraproteinemic Keratopathy (An American Ophthalmological Society Thesis). Transactions of the American Ophthalmological Society, 2016, 114, T7.	1.4	15

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55	Ocular findings in Fryns syndrome. Acta Ophthalmologica, 2000, 78, 710-713.	0.4	14
56	Effect of Trinucleotide Repeat Expansion on the Expression ofTCF4mRNA in Fuchs' Endothelial Corneal Dystrophy. , 2019, 60, 779.		14
57	Pseudoexfoliation syndrome: the puzzle continues. Journal of Ophthalmic and Vision Research, 2012, 7, 187-9.	0.7	13
58	Association of rs613872 and Trinucleotide Repeat Expansion in the TCF4 Gene of German Patients With Fuchs Endothelial Corneal Dystrophy. Cornea, 2019, 38, 799-805.	0.9	12
59	Persisting retinal ganglion cell axons in blind atrophic human eyes. , 2001, 239, 158-164.		10
60	Yield and Viability of Human Limbal Stem Cells From Fresh and Stored Tissue. , 2016, 57, 3708.		9
61	Unilateral Meesmann's dystrophy. International Ophthalmology, 1997, 21, 117-120.	0.6	8
62	Dysregulated Retinoic Acid Signaling in the Pathogenesis of Pseudoexfoliation Syndrome. International Journal of Molecular Sciences, 2022, 23, 5977.	1.8	8
63	Hair Follicle Stem Cell Isolation and Expansion. Bio-protocol, 2018, 8, .	0.2	7
64	Ocular changes in nephropathic cystinosis: The course of the gold-dust. International Ophthalmology, 2019, 39, 1413-1418.	0.6	7
65	Transgenic lysyl oxidase homolog 1 overexpression in the mouse eye results in the formation and release of protein aggregates. Experimental Eye Research, 2019, 179, 115-124.	1.2	7
66	Axon-Specific Mitochondrial Pathology in SPG11 Alpha Motor Neurons. Frontiers in Neuroscience, 2021, 15, 680572.	1.4	7
67	Ultrastructural findings in graft failure after Descemet membrane endothelial keratoplasty (DMEK) and new triple procedure. Medicine (United States), 2019, 98, e15493.	0.4	6
68	Splitting of the Recipient's Descemet Membrane in Descemet Membrane Endothelial Keratoplastyâ€"Ultrastructure and Clinical Relevance. American Journal of Ophthalmology, 2016, 172, 1-6.	1.7	5
69	Transient expression of Wnt5a elicits ocular features of pseudoexfoliation syndrome in mice. PLoS ONE, 2019, 14, e0212569.	1.1	5
70	Isolation and ex vivo Expansion of Human Limbal Epithelial Progenitor Cells. Bio-protocol, 2020, 10, e3754.	0.2	4
71	Morphological characterization and clinical effects of stromal alterations after intracorneal ring segment implantation in keratoconus. Graefe's Archive for Clinical and Experimental Ophthalmology, 2022, 260, 2299-2308.	1.0	4
72	Identification, Isolation, and Characterization of Melanocyte Precursor Cells in the Human Limbal Stroma. International Journal of Molecular Sciences, 2022, 23, 3756.	1.8	4

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73	Clonal Analysis of Limbal Epithelial Stem Cell Populations. Methods in Molecular Biology, 2013, 1014, 55-64.	0.4	3
74	Transcorneal freezing and topical Rho-kinase inhibitor treatment in Fuchs endothelial corneal dystrophy. Eye, 2021, , .	1.1	3
75	Recurrence of macular corneal dystrophy on the graft 50 years after penetrating keratoplasty. GMS Ophthalmology Cases, 2020, 10, Doc34.	0.1	0