

Kai Januschowski

List of Publications by Year in descending order

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58
papers

882
citations

471509
17
h-index

552781
26
g-index

62
all docs

62
docs citations

62
times ranked

962
citing authors

#	ARTICLE	IF	CITATIONS
1	The Cross-linked Biopolymer Hyaluronic Acid as an Artificial Vitreous Substitute. , 2012, 53, 613.		87
2	Comparative toxicity and proliferation testing of aflibercept, bevacizumab and ranibizumab on different ocular cells. British Journal of Ophthalmology, 2013, 97, 917-923.	3.9	55
3	Electrophysiological effects of Brilliant Blue G in the model of the isolated perfused vertebrate retina. Graefe's Archive for Clinical and Experimental Ophthalmology, 2008, 246, 817-822.	1.9	43
4	Rate and timing of spontaneous resolution in a vitreomacular traction group: Should the role of watchful waiting be re-evaluated as an alternative to Ocriplasmin therapy?. British Journal of Ophthalmology, 2015, 99, 350-353.	3.9	41
5	The retinal tolerance to bevacizumab in co-application with a recombinant tissue plasminogen activator. British Journal of Ophthalmology, 2007, 91, 1077-1082.	3.9	39
6	Efficacy of two different thiol-modified crosslinked hyaluronate formulations as vitreous replacement compared to silicone oil in a model of retinal detachment. PLoS ONE, 2017, 12, e0172895.	2.5	39
7	Novel liquid bubble dissection technique for DMEK lenticule preparation. Graefe's Archive for Clinical and Experimental Ophthalmology, 2016, 254, 1819-1823.	1.9	35
8	Retinal Toxicity of Medical Devices Used during Vitreoretinal Surgery: A Critical Overview. Ophthalmologica, 2018, 240, 236-243.	1.9	34
9	Mycophenolic acid in the treatment of birdshot chorioretinopathy: long-term follow-up. British Journal of Ophthalmology, 2015, 99, 87-91.	3.9	31
10	Investigation of a novel implantable suprachoroidal pressure transducer for telemetric intraocular pressure monitoring. Experimental Eye Research, 2016, 151, 54-60.	2.6	29
11	Micro-invasive 360-degree suture trabeculotomy after successful canaloplasty â€œ one year results. Graefe's Archive for Clinical and Experimental Ophthalmology, 2016, 254, 155-159.	1.9	28
12	Ex vivo biophysical characterization of a hydrogel-based artificial vitreous substitute. PLoS ONE, 2019, 14, e0209217.	2.5	28
13	Evaluating retinal toxicity of a new heavy intraocular dye, using a model of perfused and isolated retinal cultures of bovine and human origin. Graefe's Archive for Clinical and Experimental Ophthalmology, 2012, 250, 1013-1022.	1.9	27
14	Alginate- and Hyaluronic Acidâ€œBased Hydrogels as Vitreous Substitutes: An In Vitro Evaluation. Translational Vision Science and Technology, 2020, 9, 34.	2.2	26
15	Investigating the biocompatibility of two new heavy intraocular dyes for vitreoretinal surgery with an isolated perfused vertebrate retina organ culture model and a retinal ganglion cell line. Graefe's Archive for Clinical and Experimental Ophthalmology, 2012, 250, 533-545.	1.9	23
16	Modified canaloplasty with suprachoroidal drainage versus conventional canaloplastyâ€œ1-year results. Graefe's Archive for Clinical and Experimental Ophthalmology, 2016, 254, 1591-1597.	1.9	22
17	The effects of triamcinolone crystals on retinal function in a model of isolated perfused vertebrate retina. Experimental Eye Research, 2008, 87, 22-29.	2.6	21
18	Optical coherence tomography shows progressive local nerve fiber loss after disc hemorrhages in glaucoma patients. Graefe's Archive for Clinical and Experimental Ophthalmology, 2012, 250, 583-587.	1.9	21

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19	The effects of the intraocular dye brilliant blue G (BBG) mixed with varying concentrations of glucose on retinal function in an isolated perfused vertebrate retina. Graefe's Archive for Clinical and Experimental Ophthalmology, 2011, 249, 483-489.	1.9	14
20	Novel vitreous substitutes: the next frontier in vitreoretinal surgery. Current Opinion in Ophthalmology, 2021, 32, 288-293.	2.9	14
21	Electrophysiological toxicity testing of <scp>VEGF</scp> Trapâ€Eye in an isolated perfused vertebrate retina organ culture model. Acta Ophthalmologica, 2014, 92, e305-11.	1.1	13
22	Glutamate and Hypoxia as a Stress Model for the Isolated Perfused Vertebrate Retina. Journal of Visualized Experiments, 2015, , .	0.3	13
23	Ex-vivo -examination of ultrastructural changes in organotypic retina culture using near-infrared imaging and optical coherence tomography. Experimental Eye Research, 2016, 147, 31-36.	2.6	13
24	Negative Effects of Acid Violet-17 and MBB Dual <i>In Vitro</i> on Different Ocular Cell Lines. Current Eye Research, 2017, 42, 1209-1214.	1.5	12
25	Impact of 10% SF₆ Gas Compared to 100% Air Tamponade in Descemetâ€™s Membrane Endothelial Keratoplasty. Current Eye Research, 2018, 43, 482-486.	1.5	12
26	Predictive factors for functional improvement following intravitreal bevacizumab injections after central retinal vein occlusion. Graefe's Archive for Clinical and Experimental Ophthalmology, 2017, 255, 457-462.	1.9	11
27	Clinical Comparison of Two Methods of Graft Preparation in Descemet Membrane Endothelial Keratoplasty. Current Eye Research, 2018, 43, 12-17.	1.5	11
28	Feasibility of monitoring compliance with intermittent occlusion therapy glasses for amblyopia treatment. Journal of AAPOS, 2019, 23, 205.e1-205.e5.	0.3	10
29	Is trabeculectomy really superior to canaloplasty?. Acta Ophthalmologica, 2016, 94, e666-e667.	1.1	9
30	The effect of canaloplasty with suprachoroidal drainage combined with cataract surgery â€“ 1â€year results. Acta Ophthalmologica, 2018, 96, e74-e78.	1.1	9
31	Testing the Biocompatibility of a Glutathione-containing Intraocular Irrigation Solution by Using an Isolated Perfused Bovine Retina Organ Culture Model â€” an Alternative to Animal Testing. ATLA Alternatives To Laboratory Animals, 2012, 40, 23-32.	1.0	8
32	Investigating retinal toxicity of tempol in a model of isolated and perfused bovine retina. Graefe's Archive for Clinical and Experimental Ophthalmology, 2014, 252, 935-941.	1.9	8
33	Characterization of a Standardized Ex-vivo Porcine Model to Assess Short Term Intraocular Pressure Changes and Trabecular Meshwork Vitality After Pars Plana Vitrectomy with Different Silicone Oil and BSS Tamponades. Current Eye Research, 2017, 42, 1130-1135.	1.5	8
34	An Unusual Case of DMEK Graft Loss into the Vitreous and Its Successful Retrieval and Survival. Case Reports in Ophthalmology, 2018, 9, 381-387.	0.7	8
35	NEUROPROTECTIVE EFFECTS OF A TAURINE-CONTAINING IRRIGATION SOLUTION FOR VITRECTOMY. Retina, 2012, 32, 1343-1349.	1.7	7
36	Dulbeccoâ€™s Modified Eagle Medium is neuroprotective when compared to standard vitrectomy irrigation solution. Graefe's Archive for Clinical and Experimental Ophthalmology, 2013, 251, 1613-1619.	1.9	7

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37	Injection scheme for intravitreal bevacizumab therapy for macular oedema due to central retinal vein occlusion: results of a multicenter study. <i>Acta Ophthalmologica</i> , 2015, 93, e400-e402.	1.1	7
38	Implantation and testing of a novel episcleral pressure transducer: A new approach to telemetric intraocular pressure monitoring. <i>Experimental Eye Research</i> , 2018, 166, 84-90.	2.6	7
39	Canaloplasty with Suprachoroidal Drainage in Patients with Pseudoexfoliation Glaucoma – Four Years Results. <i>Current Eye Research</i> , 2021, 46, 217-223.	1.5	7
40	Long-Term Biocompatibility of a Highly Viscously Thiol-Modified Cross-Linked Hyaluronate as a Novel Vitreous Body Substitute. <i>Frontiers in Pharmacology</i> , 2022, 13, 817353.	3.5	6
41	Comparison of Different Cell Culture Media in the Model of the Isolated and Superfused Bovine Retina: Investigating the Limits of More Physiological Perfusion Solutions. <i>Current Eye Research</i> , 2018, 43, 232-243.	1.5	5
42	Favourable outcome after late reorientation of an upside-down Descemet Membrane Endothelial Keratoplasty (DMEK) graft: a case report. <i>BMC Ophthalmology</i> , 2019, 19, 163.	1.4	4
43	NEGATIVE EFFECTS OF VITAL DYES AFTER UNEVENTFUL VITREOMACULAR SURGERY. <i>Retina</i> , 2019, 39, 1772-1778.	1.7	4
44	Functional and structural outcome after vitrectomy combined with subretinal rtPA Injection with or without additional intravitreal Bevacizumab injection for submacular hemorrhages. <i>PLoS ONE</i> , 2021, 16, e0250587.	2.5	4
45	Comparative cytotoxic and antiproliferative profile of methotrexate and fluorouracil on different ocular cells. <i>Acta Ophthalmologica</i> , 2021, 99, e1070-e1076.	1.1	4
46	Progression of Eales' disease post-partum and long-term follow-up: a case report. <i>Journal of Medical Case Reports</i> , 2018, 12, 310.	0.8	3
47	Significant differences between specular microscopy and corneal bank endothelial cell counts – a pilot study. <i>Acta Ophthalmologica</i> , 2019, 97, e1077-e1081.	1.1	3
48	The safety profile of alkylphosphocholines in the model of the isolated perfused vertebrate retina. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2010, 248, 511-518.	1.9	2
49	Comparing the Effects of Two Different Irrigation Solutions on an Isolated Perfused Vertebrate Retina. <i>Ophthalmic Research</i> , 2012, 48, 59-66.	1.9	2
50	Investigating short-term toxicity of melphalan in a model of an isolated and superfused bovine retina. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2016, 254, 91-96.	1.9	2
51	Real-life experience with intravitreal ocriplasmin on vitreomacular traction and full-thickness macular holes. <i>Acta Ophthalmologica</i> , 2018, 96, e890-e891.	1.1	2
52	Predictive factors for functional improvement following intravitreal bevacizumab injections after central retinal vein occlusion. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 1045-1046.	1.9	1
53	Investigating retinal toxicity of a lutein-based dye in a model of isolated and perfused bovine retina. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2019, 257, 961-966.	1.9	1
54	Influence of the scleral indentation technique on the re-detachment rate following retinal detachment surgery. <i>International Journal of Retina and Vitreous</i> , 2022, 8, 12.	1.9	1

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55	Morphometric Optic Nerve Head Analysis in Glaucoma Patients: A Comparison between the Simultaneous Nonmydriatic Stereoscopic Fundus Camera (Kowa Nonmyd WX3D) and the Heidelberg Scanning Laser Ophthalmoscope (HRT III). Journal of Ophthalmology, 2016, 2016, 1-6.	1.3	0
56	Surgical Treatment of Massive Subretinal Hemorrhage. , 2018, , 61-71.		0
57	Effect of Ocriplasmin on objectively assessed retinal function after treatment of vitreomacular diseases. Acta Ophthalmologica, 2019, 97, e700-e705.	1.1	0
58	Assessment of Macular Function Following Internal Limiting Membrane Peeling With ILM Blue. Cureus, 2020, 12, e11873.	0.5	0