

My publications

Name - Hasler Pascal Willy

Date : 01.06.2024

No	Publication	Classification
1	Stefan Futterknecht; Alexandra Steinemann-Inauen; Simon Rothenbühler; Pascal W. Hasler; Hanna Camenzind-Zuche Solar Eclipse Maculopathy in an 11-Year-Old Boy (2024):	NA
2	Maloca PM;Williams EA;Mushtaq F;Rueppel A;Müller PL;Lange C;de Carvalho ER;Inglin N; Reich M;Egan C; Hasler PW ;Tufail A;Scholl HPN;Cattin PC Feasibility and tolerability of ophthalmic virtual reality as a medical communication tool in children and young people. (2022): Acta ophthalmologica, 100,e588-e597	F.1.1
3	Maloca PM;de Carvalho ER; Hasler PW ;Balaskas K;Inglin N;Petzold A;Egan C;Tufail A; Scholl HPN;Valmaggia P Dynamic volume-rendered optical coherence tomography pupillometry. (2022): Acta ophthalmologica, 100,654-664	F.1.1
4	Sokolenko E;Hilken G;Denk N;Wyss F;Wenker C; Hasler PW ;Meyer P The Eyes of an African Penguin (Spheniscus demersus): General Morphology and Ophthalmopathology. (2022): Klinische Monatsblätter für Augenheilkunde, 239,94-98	F.1.1
5	Tuerksever C;Somfai GM;Oesch S;Machewitz T; Hasler PW ;Zweifel S Hypothetical Switch of Anti-Vascular Endothelial Growth Factor in Neovascular Age-Related Macular Degeneration: An ARIES Post Hoc Analysis. (2022): Ophthalmology and therapy, 11,613-627	F.1.1
6	Maloca PM;Valmaggia P;Hartmann T;Juedes M; Hasler PW ;Scholl HPN;Denk N Volumetric subfield analysis of cynomolgus monkey's choroid derived from hybrid machine learning optical coherence tomography segmentation. (2022): PloS one, 17,e0275050	F.1.1
7	Bollinger, Olivia; Gugleta, Konstantin; Schmetterer, L.; Hasler, Pascal W.; Min, Jacqueline Chua Yu; Kee, Damon Wong Wing Retrospective Analysis of Prognostic Value of Optical Coherence Tomography Angiography for the Development of Glaucomatous Damage - One Year Follow-Up Retrospektive Beobachtungsstudie über den prognostischen Wert der optischen Kohärenztomografie-Angiografie für die Entwicklung von Glaukomschäden - retrospektive Kohortenanalyse über 1 Jahr Follow-up (2022): Klinische Monatsblätter für Augenheilkunde, 240,472-477	F.1.1
8	Mackert M;Muth DR;Vounotrypidis E;Deger C;Goldblum D;Shajari M; Hasler PW ; Priglinger S;Wolf A Analysis of opacification patterns in intraocular lenses (IOL). (2021): BMJ open ophthalmology, 6,e000589	F.1.1
9	Maloca PM;Müller PL;Lee AY;Tufail A;Balaskas K;Niklaus S;Kaiser P;Suter S;Zarranz-Ventura J;Egan C;Scholl HPN;Schnitzer TK;Singer T; Hasler PW ;Denk N Unraveling the deep learning gearbox in optical coherence tomography image segmentation towards explainable artificial intelligence. (2021): Communications biology, 4,170	F.1.1
10	Cedro L; Hasler PW ;Meier C;Povazay B;Burri C;Mooser M;Kaiser P;Rothenbuehler SP; Müller PL;Zarranz-Ventura J;Egan C;Tufail A;Scholl HPN;Maloca PM Feasibility and Safety of a Coaxial Dual-Wavelength Optical Coherence Tomography Apparatus. (2021): Ophthalmic research, 64,55-61	F.1.1
11	Bossong O;Goldblum D;Schartau PJ;Wellner F;Rosenthal R;Steiner LA; Hasler PW ;Dell-Kuster S [Prospective Cohort Study of In-Hospital Patients Undergoing Ophthalmic Surgery for the Validation of ClassIntra: Classification of Intraoperative Adverse Events]. (2021): Klinische Monatsblätter für Augenheilkunde, 238,510-520	F.1.1

12	Maloca PM;Seeger C;Booler H;Valmaggia P;Kawamoto K;Kaba Q;Inglin N;Balaskas K; Egan C;Tufail A;Scholl HPN; Hasler PW ;Denk N Uncovering of intraspecies macular heterogeneity in cynomolgus monkeys using hybrid machine learning optical coherence tomography image segmentation. (2021): Scientific reports, 11,20647	F.1.1
13	Maloca PM;Faludi B;Zelechowski M;Jud C;Vollmar T;Hug S;Müller PL;de Carvalho ER; Zarranz-Ventura J;Reich M;Lange C;Egan C;Tufail A; Hasler PW ;Scholl HPN;Cattin PC Validation of virtual reality orbitometry bridges digital and physical worlds. (2020): Scientific reports, 10,11815	F.1.1
14	Denk N;Maloca PM;Steiner G;Booler H;Freichel C;Niklaus S;Schnitzer TK; Hasler PW Retinal Features in Cynomolgus Macaques (<i>Macaca fascicularis</i>) Assessed by Using Scanning Laser Ophthalmoscopy and Spectral Domain Optical Coherence Tomography. (2020): Comparative medicine, 70,145-151	F.1.1
15	Niklaus S; Hasler PW ;Bryant T;Desgent S;Vezina M;Schnitzer TK;Maloca PM;Denk N A 3D model to evaluate retinal nerve fiber layer thickness deviations caused by the displacement of optical coherence tomography circular scans in cynomolgus monkeys (<i>Macaca fascicularis</i>). (2020): PloS one, 15,e0237858	F.1.1
16	Maloca PM;Tufail A; Hasler PW ;Rothenbuehler S;Egan C;Ramos de Carvalho JE;Spaide RF 3D printing of the choroidal vessels and tumours based on optical coherence tomography. (2019): Acta ophthalmologica, 97,e313-e316	F.1.1
17	Maloca PM;Spaide RF;Rothenbuehler S;Scholl HPN;Heeren T;Ramos de Carvalho JE; Okada M; Hasler PW ;Egan C;Tufail A Enhanced resolution and speckle-free three-dimensional printing of macular optical coherence tomography angiography. (2019): Acta ophthalmologica, 97,e317-e319	F.1.1
18	Böni C;Al-Sheikh M;Hasse B;Eberhard R;Kohler P; Hasler P ;Erb S;Hoffmann M; Barthelmes D;Zweifel SA MULTIMODAL IMAGING OF CHOROIDAL LESIONS IN DISSEMINATED MYCOBACTERIUM CHIMAERA INFECTION AFTER CARDIOTHORACIC SURGERY. (2019): Retina (Philadelphia, Pa.), 39,452-464	F.1.1
19	Quellec G;Kowal J; Hasler PW ;Scholl HPN;Zweifel S;Konstantinos B;de Carvalho JER; Heeren T;Egan C;Tufail A;Maloca PM Feasibility of support vector machine learning in age-related macular degeneration using small sample yielding sparse optical coherence tomography data. (2019): Acta ophthalmologica, 97,e719-e728	F.1.1
20	Maloca PM;Lee AY;de Carvalho ER;Okada M;Fasler K;Leung I;Hörmann B;Kaiser P;Suter S; Hasler PW ;Zarranz-Ventura J;Egan C;Heeren TFC;Balaskas K;Tufail A;Scholl HPN Validation of automated artificial intelligence segmentation of optical coherence tomography images. (2019): PloS one, 14,e0220063	F.1.1
21	Denk N;Maloca P;Steiner G;Freichel C;Bassett S;Schnitzer TK; Hasler PW Macular thickness measurements of healthy, naïve cynomolgus monkeys assessed with spectral-domain optical coherence tomography (SD-OCT). (2019): PloS one, 14,e0222850	F.1.1
22	Eggenschwiler L; Hasler PW ;Gatzioufas Z;Waldmann N;Berg I;Kunz C;Brockhaus L; Goldblum D Nonstandard Treatment of Endophthalmitis after Osteo-Odonto Keratoprothesis. (2019): Klinische Monatsblätter für Augenheilkunde, 236,382-383	F.1.1
23	Jüttner, Josephine;Szabo, Arnold;Gross-Scherf, Brigitte;Morikawa, Rei K.;Rompani, Santiago B.;Hantz, Peter;Szikra, Tamas;Esposti, Federico;Cowan, Cameron S.;Bharioke, Arjun;Patino-Alvarez, Claudia P.;Keles, Özkan;Kusnyerik, Akos;Azoulay, Thierry;Hartl, Dominik;Krebs, Arnaud R.;Schübeler, Dirk;Hajdu, Rozina I.;Lukats, Akos;Nemeth, Janos; Nagy, Zoltan Z.;Wu, Kun-Chao;Wu, Rong-Han;Xiang, Lue;Fang, Xiao-Long;Jin, Zi-Bing; Goldblum, David; Hasler, Pascal W. ;Scholl, Hendrik P. N.;Krol, Jacek;Roska, Botond Targeting neuronal and glial cell types with synthetic promoter AAVs in mice, non-human primates and humans (2019): Nature Neuroscience, 22,1345-1356	F.1.1

24	Lazdinyte S;Orgül S; Hasler PW ;Goldblum D Use of Autologous Oral Mucosa Transplant to Treat Conjunctival Necrosis and Leakage after Trabeculectomy. (2019): Klinische Monatsblätter für Augenheilkunde, 236,415-416	F.1.1
25	Gunzinger JM;Fasler K;Barthelmes D;Maloca P; Hasler PW ;Böni C;Zweifel SA En Face Optical Coherence Tomography Imaging Ellipsoid Zone Regeneration in Laser-Induced and Solar Maculopathies. (2019): 2019,3849871	F.5.1
26	Tschopp M;Krueger J;Conedera FM;Todorova MG; Hasler PW ;Tappeiner C A Rare Case of Postoperative Iris Pigment Epithelium Detachment. (2018): Klinische Monatsblätter für Augenheilkunde	F.1.1
27	Ebrahimi F;Giaglis S;Hahn S;Blum CA;Baumgartner C;Kutz A;van Breda SV;Mueller B;Schuetz P;Christ-Crain M; Hasler P Markers of neutrophil extracellular traps predict adverse outcome in community-acquired pneumonia: secondary analysis of a randomised controlled trial. (2018): The European respiratory journal, 51	F.1.1
28	Maloca PM;Studer HP;Ambrósio R Jr;Goldblum D;Rothenbuehler S;Barthelmes D;Zweifel S;Scholl HPN;Balaskas K;Tufail A; Hasler PW Interdevice variability of central corneal thickness measurement. (2018): PloS one, 13,e0203884	F.1.1
29	Maloca PM;de Carvalho JER;Heeren T; Hasler PW ;Mushtaq F;Mon-Williams M;Scholl HPN;Balaskas K;Egan C;Tufail A;Witthauer L;Cattin PC High-Performance Virtual Reality Volume Rendering of Original Optical Coherence Tomography Point-Cloud Data Enhanced With Real-Time Ray Casting. (2018): Translational vision science & technology, 7,2	F.1.1
30	Maloca P; Hasler PW ;Barthelmes D;Arnold P;Matthias M;Scholl HPN;Gerding H;Garweg J;Heeren T;Balaskas K;de Carvalho JER;Egan C;Tufail A;Zweifel SA Safety and Feasibility of a Novel Sparse Optical Coherence Tomography Device for Patient-Delivered Retina Home Monitoring. (2018): Translational vision science & technology, 7,8	F.1.1
31	Rothenbuehler SP;Maloca P;Scholl HPN;Gyger C;Schoetzau A;Kuske L;Mosimann N;Zweifel SA;Barthelmes D;Tufail A; Hasler PW THREE-DIMENSIONAL ANALYSIS OF SUBMACULAR PERFORATING SCLERAL VESSELS BY ENHANCED DEPTH IMAGING OPTICAL COHERENCE TOMOGRAPHY. (2018): Retina (Philadelphia, Pa.), 38,1231-1237	F.1.1
32	Maloca P.M.;Tufail A.;Egan C.;Zweifel S.; Hasler P.W. ;Petzold A.;Ramos de Carvalho J.E. Volume rendering of superficial optic disc drusen: A possible new imaging technique using optical coherence tomography angiography Volumengraphik oberflächlicher Drusenpapillen: Ein mögliches neues Bildgebungsverfahren mittels optischer Kohärenztomographie-Angiographie (2017): Spektrum der Augenheilkunde, 31,288-293	F.1.1
33	Hasler PW ;Soliman W;Sander B;Haamann P;Larsen M The grey fovea sign of macular oedema or subfoveal fluid on non-stereoscopic fundus photographs. (2017): Acta ophthalmologica, 95,48-51	F.1.1
34	Maloca P;Gyger C;Schoetzau A; Hasler PW Inter-device size variation of small choroidal nevi measured using stereographic projection ultra-widefield imaging and optical coherence tomography. (2016): Graefe's archive for clinical and experimental ophthalmology = Albrecht von Graefes Archiv für klinische und experimentelle Ophthalmologie, 254,797-808	F.1.1
35	Maloca P;Gyger C; Hasler PW A pilot study to compartmentalize small melanocytic choroidal tumors and choroidal vessels with speckle-noise free 1050 nm swept source optical coherence tomography (OCT choroidal "tumoropsy"). (2016): Graefe's archive for clinical and experimental ophthalmology = Albrecht von Graefes Archiv für klinische und experimentelle Ophthalmologie, 254,1211-9	F.1.1
36	Maloca P;Gyger C; Hasler PW A pilot study to image the vascular network of small melanocytic choroidal tumors with speckle noise-free 1050-nm swept source optical coherence tomography (OCT choroidal angiography). (2016): Graefe's archive for clinical and experimental ophthalmology = Albrecht von Graefes Archiv für klinische und experimentelle Ophthalmologie, 254,1201-10	F.1.1

37	Hasler, Pascal W. ;Brandi Bloch, Sara;Villumsen, Jorgen;Fuchs, Josefine;Lund-Andersen, Henrik;Larsen, Michael Safety study of 38 503 intravitreal ranibizumab injections performed mainly by physicians in training and nurses in a hospital setting (2015): ACTA OPHTHALMOLOGICA, 93,122-125	F.1.1
38	Maloca P;Gyger C;Schoetzau A; Hasler PW Ultra-Short-Term Reproducibility of Speckle-Noise Freed Fluid and Tissue Compartmentalization of the Choroid Analyzed by Standard OCT. (2015): Translational vision science & technology, 4,3	F.1.1
39	Hübner S; Hasler P ;Meyer P;Marchiondi S;Goldblum D;Flammer J [Dysphotopsia due to a manufacturing error in an intraocular lens]. (2014): Klinische Monatsblätter für Augenheilkunde, 231,313-4	F.1.1
40	Gyger C.;Cattin R.; Hasler P.W. ;Maloca P. Three-dimensional speckle reduction in optical coherence tomography through structural guided filtering (2014): Optical Engineering, 53	F.1.1
41	Hasler,PW Essential Principles of Phacoemulsifikation (2013): all,1-109	F.2.2
42	Starnawska AJ;Schneider U; Hasler PW [Comparison of laser treatment of patients with the replace with "computer-based laser" between experienced and unexperienced operators]. (2012): Klinische Monatsblätter für Augenheilkunde, 229,1223-6	F.1.1
43	Soliman W; Hasler P ;Sander B;Larsen M Local retinal sensitivity in relation to specific retinopathy lesions in diabetic macular oedema. (2012): Acta ophthalmologica, 90,248-53	F.1.1
44	Cybulska-Heinrich AK;Todorova MG; Hasler PW [Traumatic proptosis]. (2012): Der Ophthalmologe : Zeitschrift der Deutschen Ophthalmologischen Gesellschaft, 109,710-2	F.1.1
45	Kofoed PK; Hasler PW ;Sander B;Jansen EC;Klemp K;Larsen M Delayed response of the retina after hyperbaric oxygen exposure. (2011): Acta ophthalmologica, 89,774-8	F.1.1
46	Hasler PW ;Flammer J Predictive, preventive and personalised medicine for age-related macular degeneration. (2010): The EPMA journal, 1,245-51	F.1.1
47	Gassmann, K; Hasler, P W; Braun, B; Prünke, C Early postoperative recovery of idiopathic macular hole in a young adult (2008): Klinische Monatsblätter für Augenheilkunde, 225,479-81	F.3.7
48	Hasler, P W ; Prünke, C Early foveal recovery after macular hole surgery (2008): British journal of ophthalmology, 92,645-9	F.3.7
49	Wang,M; Munch,IC; Hasler,PW; Prünke,C; Larsen,M Central serous chorioretinopathy (2008): Acta ophthalmologica, 86,126-145	F.3.7
50	Soliman W;Sander B; Hasler PW ;Larsen M Correlation between intraretinal changes in diabetic macular oedema seen in fluorescein angiography and optical coherence tomography. (2008): Acta ophthalmologica, 86,34-9	F.1.1
51	Hasler,PW ;Christensen,SR PASCAL® Photocoagulator, en nyskabelse inden for retinal laser (2008): oftalmolog juni 2008,19-21	F.3.6
52	Hasler,PW ;Thomsen,J;Sander,B Den nye generation af OCT (2008): Oftalmolog März 2008,22-25	F.3.6
53	Braun B;Schneider U; Hasler P ;Prünke C Combination therapy of PDT and triamcinolone in CNV associated with fundus flavimaculatus. (2007): Klinische Monatsblätter für Augenheilkunde, 224,353-5	F.1.1

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55	Hasler,PW Autofluorescence of the macula (2007): oftalmolog marts 2007,22-24	<i>F.3.6</i>
56	Hasler,PW Microperimetrie- a method which combines perimetry and macular topography (2007): Oftalmolog Dezember 20017,3-6	<i>F.3.6</i>
57	Hetzel PG;Glanzmann R; Hasler PW ;Ladewick A;Bührer C Coumarin embryopathy in an extremely low birth weight infant associated with neonatal hepatitis and ocular malformations. (2006): European journal of pediatrics, 165,358-60	<i>F.1.1</i>
58	Gugleta K;Orgül S; Hasler P ;Flammer J Circulatory response to blood gas perturbations in vasospasm. (2005): Investigative ophthalmology & visual science, 46,3288-94	<i>F.1.1</i>
59	Hasler,PW ;Orgül,S Medikamentöse Therapie des Normaldruckglaukoms (2004): , 1-3	<i>F.3.6</i>
60	Gugleta K;Orgül S; Hasler PW ;Picornell T;Gherghel D;Flammer J Choroidal vascular reaction to hand-grip stress in subjects with vasospasm and its relevance in glaucoma. (2003): Investigative ophthalmology & visual science, 44,1573-80	<i>F.1.1</i>
61	Hasler PW ;Orgül S;Gugleta K;Vogten H;Zhao X;Gherghel D;Flammer J Vascular dysregulation in the choroid of subjects with acral vasospasm. (2002): Archives of ophthalmology (Chicago, Ill. : 1960), 120,302-7	<i>F.1.1</i>