

My publications

Name - Maloca Peter

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No	Publication	Classification
1	Bruè, Claudia; Maloca, Peter M. ;Cukras, Cathy;Valmaggia, Philippe;Denk, Nora Regional differences in foveal avascular zone morphology in cynomolgus macaques using a normative OCTA database (2026): Scientific Reports, 16	F.1.1
2	Gabathuler, Felix;Cozzi, Mariano;Fasler, Katrin; Maloca, Peter M. ;Blaser, Frank;Zweifel, Sandrine Real-World Case Series of Intravitreal Pegcetacoplan for Geographic Atrophy Secondary to Age-related Macular Degeneration in Switzerland (2026): Klinische Monatsblätter Fur Augenheilkunde, 243,461-464	F.1.1
3	De Salvo, Gabriella; Maloca, Peter M. Epiretinal Hyperproliferative Complex (2026): JAMA Ophthalmology, 144,194	F.1.1
4	Valmaggia, Philippe;Ansari, Georg;Inglin, Nadja;Schärer, Nils;Zuche, Hanna;Gabrani, Chrysoula;Yahya, Faady;Cattaneo, Marco;Pfau, Kristina;Giani, Andrea;Esmaelpour, Marieh;Yamaguchi, Taffeta Chingning;Prünke, Christian;Scholl, Hendrik P. N.;Feltgen, Nicolas;Schmetterer, Leopold;Pfau, Maximilian; Maloca, Peter M. The optical coherence tomography and microperimetry biomarker evaluation in patients with geographic atrophy (OMEGA) study: Geographic atrophy progression in fundus autofluorescence - OMEGA report 3 (2026): Acta Ophthalmologica	F.1.1
5	Näther, Sophia;Zweifel, Sandrine;Gabathuler, Felix;Blaser, Frank; Maloca, Peter ;Fasler, Katrin Macular Edema Without Vascular Leakage - The Diagnostic Challenge of SNIFR and its Differential Diagnoses (2026): Klinische Monatsblätter Fur Augenheilkunde	F.1.1
6	Maloca, Peter M. ;Valmaggia, Philippe Imaging: new techniques for imaging of the vitreous body (2026): Ophthalmologie	F.1.3
7	Valmaggia, Philippe;Wolleb, Julia;Bieder, Florentin;Scholl, Hendrik P. N.;Cattin, Philippe C.; Maloca, Peter M. Heart-retina time analysis using electrocardiogram-coupled time-resolved dynamic optical coherence tomography (2025): Scientific Reports, 15	F.1.1
8	Ansari, Georg;Schärer, Nils;Pfau, Kristina;Valmaggia, Philippe;Gabrani, Chrysoula;Zuche, Hanna;Giani, Andrea;Esmaelpour, Marieh;Yamaguchi, Taffeta Chingning;Feltgen, Nicolas; Maloca, Peter M. ;Schmetterer, Leopold;Scholl, Hendrik P.N.;Pfau, Maximilian Evaluating the Progression of Retinal Sensitivity Loss in Geographic Atrophy Using Machine-Learning-Based Structure-Function Correlation (OMEGA 2) (2025): Investigative Ophthalmology and Visual Science, 66	F.1.1
9	Santos, Elisa; Maloca, Peter M. ;Kawasaki, Aki Hyperreflective Dots (HRDs) in Two Patients with Nonarteritic Anterior Ischemic Optic Neuropathy (NAION) (2025): Klinische Monatsblätter fur Augenheilkunde, 242,471-474	F.1.1
10	Grobshäuser, Ellen;Cunha Vaz Martinho, Antonio;Gatzioufas, Zisis;Hasler, Pascal; Maloca, Peter ;Gugleta, Konstantin Investigation of Endothelial Cell Density after PreserFlo Implantation Compared to Contralateral Eyes without PreserFlo Implantation-A Retrospective Analysis (2025): Klinische Monatsblätter fur Augenheilkunde, 242,392-397	F.1.1
11	Valmaggia, Philippe Eye and Heart Synchronisation: Development of Time-Resolved Optical Coherence Tomography with Electrocardiographic Coupling (2025): ,xii, 142	F.3.6

12	Sarrocchio, Simone;Cattin, Philippe C; Maloca, Peter M ;Friedrich, Paul;Valmaggia, Philippe Deep Generative Models for Enhanced Vitreous OCT Imaging (2025): ,43	F.3.12
13	Feu-Basilio, Silvia; Maloca, Peter M. ;Hasler, Pascal;Scholl, Hendrik P. N.;Marin-Martinez, Sara;Rosinés-Fonoll, Josep;Suarez-Valero, Xavier;Reich, Michael;Lange, Clemens;Egan, Catherine;Zweifel, Sandrine;Tufail, Adnan;Spaide, Richard F.;Zarranz-Ventura, Javier Retinal vessel volume reference database derived from volume-rendered optical coherence tomography angiography (2024): Scientific Reports, 14	F.1.1
14	Fröhlich, Jacqueline;Cattaneo, Marco;Valmaggia, Philippe; Maloca, Peter M. ;Gugleta, Konstantin;Schmetterer, Leopold;Scholl, Hendrik P. N.;Calzetti, Giacomo Factors Associated With Ocular Perfusion Measurements as Obtained With Laser Speckle Contrast Imaging (2024): Translational Vision Science and Technology, 13	F.1.1
15	Kunz, Julia Madlaina; Maloca, Peter ;Allemann, Andreas;Fasler, David;Soysal, Savas;Däster, Silvio;Kraljevi, Marko;Syeda, Gulbahar;Weixler, Benjamin;Nebiker, Christian;Ochs, Vincent;Droeser, Raoul;Walker, Harriet Louise;Bolli, Martin;Müller, Beat;Cattin, Philippe;Staubli, Sebastian Manuel Assessment of resectability of pancreatic cancer using novel immersive high-performance virtual reality rendering of abdominal computed tomography and magnetic resonance imaging (2024): International Journal of Computer Assisted Radiology and Surgery, 19,1677-1687	F.1.1
16	Valmaggia, Philippe;Wolleb, Julia;Bieder, Florentin;Scholl, Hendrik P.N.;Cattin, Philippe C.; Maloca, Peter M. Heart-retina time analysis using electrocardiogram-coupled time-resolved dynamic optical coherence tomography (2024): ,32	F.3.2
17	Laich, Yannik;Farassat, Navid;Grewing, Viviane;Boehringer, Daniel;Bucher, Felicitas; Maloca, Peter M. ;Reinhard, Thomas;Lang, Stefan J.;Agostini, Hansjuergen;Reich, Michael Optical Coherence Tomography Angiography–Navigated Laser Photocoagulation of Retinal Hemangioblastomas in Patients With von Hippel–Lindau Disease (2024): Translational Vision Science and Technology, 13	F.1.1
18	Valmaggia, Philippe;Cattin, Philippe C.;Sandkühler, Robin;Inglin, Nadja;Otto, Tilman P.;Aumann, Silke;Teussink, Michel M.;Spaide, Richard F.;Scholl, Hendrik P.N.; Maloca, Peter M. Time-Resolved Dynamic Optical Coherence Tomography for Retinal Blood Flow Analysis (2024): Investigative Ophthalmology and Visual Science, 65	F.1.1
19	Lang, Stefan J.;Dreesbach, Michelle;Laich, Yannik;Glatz, Andreas;Boehringer, Daniel;Grewing, Viviane;Fritz, Marianne;Bucher, Felicitas;Lagrèze, Wolf A.; Maloca, Peter M. ;Reinhard, Thomas;Lange, Clemens;Agostini, Hansjuergen;Reich, Michael ZEISS PLEX Elite 9000 Widefield Optical Coherence Tomography Angiography as Screening Method for Early Detection of Retinal Hemangioblastomas in von Hippel–Lindau Disease (2024): Translational Vision Science and Technology, 13,8	F.1.1
20	Maloca, Peter M. ;Pfau, Maximilian;Janeschitz-Kriegl, Lucas;Reich, Michael;Goerdts, Lukas;Holz, Frank G.;Müller, Philipp L.;Valmaggia, Philippe;Fasler, Katrin;Keane, Pearse A.;Zarranz-Ventura, Javier;Zweifel, Sandrine;Wiesendanger, Jonas;Kaiser, Pascal;Enz, Tim J.;Rothenbuehler, Simon P.;Hasler, Pascal W.;Juedes, Marlene;Freichel, Christian;Egan, Catherine;Tufail, Adnan;Scholl, Hendrik P. N.;Denk, Nora Human selection bias drives the linear nature of the more ground truth effect in explainable deep learning optical coherence tomography image segmentation (2024): Journal of Biophotonics, 17	F.1.1
21	Maloca, Peter M. ;Zarranz-Ventura, Javier;Valmaggia, Philippe;Faludi, Balázs;Zelechowski, Marek;Tufail, Adnan;Zentai, Norbert Z.;Scholl, Hendrik P. N.;Cattin, Philippe C. Validation of collaborative cyberspace virtual reality oculometry enhanced with near real-time spatial audio (2023): Scientific Reports, 13	F.1.1

22	Denk, Nora;Freichel, Christian;Valmaggia, Philippe;Inglin, Nadja;Scholl, Hendrik P. N.; Kaiser, Pascal;Wise, Sylvie;Vezina, Marc; Maloca, Peter M. Cynomolgus monkey's retina volume reference database based on hybrid deep learning optical coherence tomography segmentation (2023): Scientific Reports, 13	F.1.1
23	Ansari, Georg;Schärer, Nils;Camenzind Zuche, Hanna;Gabrani, Chrysoula;Anders, Philipp;Pfau, Kristina;Valmaggia, Philippe;Giani, Andrea;Esmaeelpour, Marieh;Chingning Yamaguchi, Taffeta;Prünke, Christian F.; Maloca, Peter M. ;Schmetterer, Leopold;Scholl, Hendrik P.N.;Pfau, Maximilian The Optical Coherence Tomography and Microperimetry Biomarker Evaluation in Patients with Geographic Atrophy (OMEGA) Study: Design and Baseline Characteristics - OMEGA Report 1 (2023): Ophthalmic Research, 66,1392-1401	F.1.1
24	Bjerager, Jakob;Hasler, Pascal W.; Maloca, Peter M. ;Rothenbuehler, Simon P. Laser-Induced Chorioretinal Anastomosis in Neurofibromatosis Type 1 (2023): JAMA Ophthalmology, 141,1083-1085	F.1.1
25	Valmaggia, Philippe; Cattin, Philippe C.; Sandkühler, Robin; Inglin, Nadja; Otto, Tilman P.; Aumann, Silke; Teussink, Michel M.; Spaide, Richard F.; Scholl, Hendrik P. N.; Maloca, Peter M. Time-resolved dynamic optical coherence tomography for retinal blood flow analysis (2023):	F.3.2
26	Faes L; Maloca PM ;Hatz K;Wolfensberger TJ;Munk MR;Sim DA;Bachmann LM;Schmid MK Transforming ophthalmology in the digital century—new care models with added value for patients (2023): Eye (Basingstoke), 37,2172-2175	F.1.3
27	Hangartner K;Bajka A;Wiest MRJ;Sidhu S;Toro MD; Maloca PM ;Zweifel SA Assessment of Retinal Vessel Tortuosity Index in Patients with Fabry Disease Using Optical Coherence Tomography Angiography (OCTA) (2023): Diagnostics, 13	F.1.1
28	Hartmann J.; Maloca P. ;Huwyler C.;Melchior M.;Suter S. Comparative Deep Learning Architectures to Detect Tiny Features in Ophthalmic Imaging (2023): ,112-119	F.1.2
29	Enz TJ; Maloca PM ;Tschopp M;Menke MN;Tribble JR;Williams PA;Inglin N;Steitz U;Scholl HPN;Papazoglou A Volume-rendered optical coherence tomography angiography during ocular interventions: Advocating for noninvasive intraoperative retinal perfusion monitoring (2022): Journal of Biophotonics, 15,e202200169	F.1.1
30	Maloca PM ;Feu-Basilio S;Schottenhamml J;Valmaggia P;Scholl HPN;Rosinés-Fonoll J; Marin-Martinez S;Inglin N;Reich M;Lange C;Egan C;Zweifel S;Tufail A;Spaide RF;Zarranz-Ventura J Reference database of total retinal vessel surface area derived from volume-rendered optical coherence tomography angiography (2022): Scientific Reports, 12,3695	F.1.1
31	Maloca PM ;Freichel C;Hänsli C;Valmaggia P;Müller PL;Zweifel S;Seeger C;Inglin N; Scholl HPN;Denk N Cynomolgus monkey's choroid reference database derived from hybrid deep learning optical coherence tomography segmentation (2022): Scientific Reports, 12,13276	F.1.1
32	Valmaggia, Philippe;Inglin, Nadja;Kaiser, Pascal;Scholl, Hendrik P. N.; Maloca, Peter M. Iris Color Matters—A Contractility Analysis With Dynamic Volume-Rendered Optical Coherence Tomography Pupillometry (2022): Translational Vision Science and Technology, 11	F.1.1
33	Rothenbuehler SP;Malmqvist L;Belmouhand M;Bjerager J; Maloca PM ;Larsen M;Hamann S Comparison of Spectral-Domain OCT versus Swept-Source OCT for the Detection of Deep Optic Disc Drusen (2022): Diagnostics, 12	F.1.1
34	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

35	Valmaggia P;Friedli P;Hörmann B;Kaiser P;Scholl HPN;Cattin PC;Sandkühler R; Maloca PM Feasibility of Automated Segmentation of Pigmented Choroidal Lesions in OCT Data With Deep Learning (2022): Translational Vision Science and Technology, 11,25	F.1.1
36	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
37	Kelbsch C; Maloca PM ;Wilhelm H;Bartz-Schmidt KU;Kernstock C Unilateral Retinal Ischemia (2022): Klinische Monatsblätter für Augenheilkunde, 239,1013-1015	F.1.1
38	Staubli, Sebastian M.; Maloca, Peter ;Kuemmerli, Christoph;Kunz, Julia;Dimberger, Amanda S.;Allemann, Andreas;Gehweiler, Julian;Soysal, Savas;Droeser, Raoul;Däster, Silvio;Hess, Gabriel;Raptis, Dimitri;Kollmar, Otto;von Flüe, Markus;Bolli, Martin;Cattin, Philippe Magnetic resonance cholangiopancreatography enhanced by virtual reality as a novel tool to improve the understanding of biliary anatomy and the teaching of surgical trainees (2022): Frontiers in Surgery, 9	F.1.1
39	Spaide RF;Valmaggia P; Maloca PM ;Scholl HPN;Otto TP;Caujolle S Imaging the vitreous with a novel boosted optical coherence tomography technique: Vitreous degeneration and cisterns (2022): Retina, 42,1433-1441	F.1.1
40	Spaide RF;Valmaggia P; Maloca PM IMAGING the VITREOUS with A NOVEL BOOSTED OPTICAL COHERENCE TOMOGRAPHY TECHNIQUE: Posterior Vitreous Detachment (2022): Retina, 42,1425-1432	F.1.1
41	Jurkute N;Tufail A;Keane PA;Webster AR;Yu-Wai-Man P; Maloca PM Vessel Volume Rendering Quantifies Disease Conversion and Progression in Leber Hereditary Optic Neuropathy (2022): Journal of Neuro-Ophthalmology, 42,E331-E334	F.1.1
42	Okada M;Egan CA;Heeren TF;Valmaggia P;Tufail A; Maloca PM State of the art spatial visualization of the response of neovascularisation to anti-vascular endothelial growth factor therapy (2022): American Journal of Ophthalmology Case Reports, 25,101267	F.5.1
43	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
44	Spaide RF;Gemmy Cheung CM;Matsumoto H;Kishi S;Boon CJF;van Dijk EHC;Mauget-Fayssse M;Behar-Cohen F;Hartnett ME;Sivaprasad S;Iida T;Brown DM;Chhablani J; Maloca PM Venous overload choroidopathy: A hypothetical framework for central serous chorioretinopathy and allied disorders (2022): Progress in Retinal and Eye Research, 86,100973	F.1.1
45	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
46	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
47	Rothenbuehler SP; Maloca PM ;Belmouhand M;Hamann S;Larsen M Branch retinal vein occlusion precipitated by compression between a major retinal artery and underlying optic disc drusen (2021): Acta Ophthalmologica, 99,931-933	F.1.1

48	Reich M;Dreesbach M;Boehringer D;Schottenhamml J;Gehring E;Scholl HPN;Inglin N; Agostini H;Reinhard T;Lagrèze WA;Spaide RF;Lange C; Maloca PM NEGATIVE VESSEL REMODELING IN STARGARDT DISEASE QUANTIFIED WITH VOLUME- RENDERED OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY (2021): Retina, 41,1948-1957	F.1.1
49	Zweifel SA;Wiest MRJ;Toro MD;Hasler P; Maloca P ;Hasse B;Khanna N;Rejda R Long-term clinical and multimodal imaging findings in patients with disseminated mycobacterium chimaera infection (2021): Journal of Clinical Medicine, 10	F.1.1
50	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
51	Amon, Tabea;Goldblum, David;Meyer, Peter; Maloca, Peter M. ;Garweg, Justus;Pruente, Christian;Sachers, Frank;Signer, Theo;Thumann, Gabriele;Hasler, Pascal W. 674 Cases of Late Postoperative Intraocular Lens Opacification of a Hydrophilic- Hydrophobic Acryl Intraocular Lens in Switzerland and Retrospective Opacification Risk Factor Assessment of 212 Cases (2021): Klinische Monatsblätter für Augenheilkunde, 240,440-445	F.1.1
52	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
53	Müller PL; Maloca P ;Webster A;Egan C;Tufail A Structural Features Associated With the Development and Progression of RORA Secondary to Maternally Inherited Diabetes and Deafness (2020): American Journal of Ophthalmology, 218,136-147	F.1.1
54	Pfau M;Walther G;von der Emde L;Berens P;Faes L;Fleckenstein M;Heeren TFC;Kortüm K;Künzel SH;Müller PL; Maloca PM ;Waldstein SM;Wintergerst MWM;Schmitz- Valckenberg S;Finger RP;Holz FG [Artificial intelligence in ophthalmology : Guidelines for physicians for the critical evaluation of studies]. (2020): Der Ophthalmologe : Zeitschrift der Deutschen Ophthalmologischen Gesellschaft, 117,973-988	F.1.1
55	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 (Macaca fascicularis) (2020): PLoS ONE, 15,e0237858	F.1.1
56	Reich M;Glatz A;Boehringer D;Evers C;Daniel M;Bucher F;Ludwig F;Nuessle S;Lagrèze WA; Maloca PM ;Lange C;Reinhard T;Agostini H;Lang SJ Comparison of current optical coherence tomography angiography methods in imaging retinal hemangioblastomas (2020): Translational Vision Science and Technology, 9,1-9	F.1.1
57	De Carvalho, Emanuel R.; Maloca, Peter M. Overview of optical coherence tomography in neuro-ophthalmology (2020): Annals of Eye Science, 5	F.1.3
58	Gruber M;Wolf J;Stahl A;Ness T;Scholl H;Agostini H; Maloca P ;Lange C Novel insights into retinal neovascularization secondary to central serous chorioretinopathy using 3D optical coherence tomography angiography (2020): American Journal of Ophthalmology Case Reports, 18,100609	F.5.1
59	Müller, Philipp L.;Treis, Tim;Pfau, Maximilian;Esposti, Simona Degli;Alsaedi, Abdulrahman; Maloca, Peter ;Balaskas, Konstantinos;Webster, Andrew;Egan, Catherine; Tufail, Adnan Progression of Retinopathy Secondary to Maternally Inherited Diabetes and Deafness – Evaluation of Predicting Parameters (2020): American Journal of Ophthalmology, 213,134-144	F.1.1
60	Denk N; Maloca PM ;Steiner G;Booler H;Freichel C;Niklaus S;Schnitzer TK;Hasler PW Retinal features in cynomolgus macaques (macaca fascicularis) assessed by using scanning laser ophthalmoscopy and spectral domain optical coherence tomography (2020): Comparative Medicine, 70,145-151	F.1.1

61	Maloca PM ;Spaide RF;de Carvalho ER;Studer HP;W Hasler P;Scholl HPN;Heeren TFC; Schottenhamml J;Balaskas K;Tufail A;Egan C;IOB study group Novel biomarker of sphericity and cylindricity indices in volume-rendering optical coherence tomography angiography in normal and diabetic eyes: a preliminary study (2020): Graefe's Archive for Clinical and Experimental Ophthalmology, 258,711-723	F.1.1
62	Della Volpe-Waizel M;Traber GL; Maloca P ;Zinkernagel M;Schmidt-Erfurth U;Rubin G; Roska B;Otto T;Weleber RG;Scholl HPN New Technologies for Outcome Measures in Retinal Disease: Review from the European Vision Institute Special Interest Focus Group (2020): Ophthalmic Research, 63,77-87	F.1.1
63	Traber GL;Della Volpe-Waizel M; Maloca P ;Schmidt-Erfurth U;Rubin G;Roska B;Cordeiro MF;Otto T;Weleber R;Lesmes LA;Arleo A;Scholl HPN New Technologies for Outcome Measures in Glaucoma: Review by the European Vision Institute Special Interest Focus Group (2020): Ophthalmic Research, 63,88-96	F.1.1
64	Streese, Lukas;Brawand, Lukas Y.;Gugleta, Konstantin; Maloca, Peter M. ;Vilser, Walthard;Hanssen, Henner New Frontiers in Noninvasive Analysis of Retinal Wall-to-Lumen Ratio by Retinal Vessel Wall Analysis (2020): Translational Vision Science & Technology, 9,7	F.1.1
65	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
66	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
67	Soukup P; Maloca P ;Altmann B;Festag M;Atzpodien EA;Pot S Interspecies variation of outer retina and choriocapillaris imaged with optical coherence tomography (2019): Investigative Ophthalmology and Visual Science, 60,3332-3342	F.1.1
68	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
69	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
70	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
71	Ronchetti T;Jud C; Maloca PM ;Orgül S;Giger AT;Meier C;Scholl HPN;Chun RKM;Liu Q;To CH;Považay B;Cattin PC Statistical framework for validation without ground truth of choroidal thickness changes detection (2019): PLoS ONE, 14,e0218776	F.1.1
72	Okada M;Heeren TFC;Mulholland PJ; Maloca PM ;Cilkova M;Rocco V;Fruttiger M;Egan CA; Anderson RS;Tufail A High-resolution in vivo fundus angiography using a nonadaptive optics imaging system (2019): Translational Vision Science and Technology, 8,54	F.1.1
73	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

74	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
75	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 and Technology, 7,8	F.1.1
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77	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 and Technology, 7,2	F.1.1
78	Rothenbuehler SP; Maloca P ;Scholl HPN;Gyger C;Schoetza 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, 38,1231-1237	F.1.1
79	Spaide RF;Yannuzzi LA; Maloca PM Retinal-choroidal anastomosis in macular telangiectasia type 2 (2018): Retina, 38,1920-1929	F.1.1
80	Okada M;Egan CA;Heeren TFC;Tufail A;Fruttiger M; Maloca PM MACULAR TELANGIECTASIA TYPE 2 Quantitative Analysis of a Novel Phenotype and Implications for the Pathobiology of the Disease (2018): Retina, 38,S97-S104	F.1.1
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