

My publications

Name - Rothenbühler Simon

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No	Publication	Classification
1	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.2.1
2	Futterknecht, Stefan;Steinemann-Inauen, Alexandra; Rothenbühler, Simon ;Hasler, Pascal W.;Camenzind-Zuche, Hanna Solar Eclipse Maculopathy in an 11-Year-Old Boy (2024): Klinische Monatsblätter für Augenheilkunde, 241,496-497	F.2.1
3	Carstensen, Christopher Voigt;Bjerager, Jakob;Belmouhand, Mohamed;Eckmann-Hansen, Christina; Rothenbuehler, Simon P. ;Dabbah, Sami;Dalgård, Christine; Laigaard, Poul;Larsen, Michael Ocular and systemic associations and heritability of retinal arterial wall-to-lumen ratios in a twin cohort (2024): Acta Ophthalmologica, 102,e493-e499	F.2.1
4	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.2.1
5	Bjerager J;Dabbah S;Belmouhand M;Kessel L;Hougaard JL; Rothenbuehler SP ;Sander B; Larsen M Long-term development of lens fluorescence in a twin cohort: Heritability and effects of age and lifestyle. (2022): PloS one, 17,e0268458	F.1.1
6	Belmouhand M; Rothenbuehler SP ;Hjelmberg JB;Dabbah S;Bjerager J;Sander BA; Dalgård C;Larsen M Heritability of retinal drusen in the Copenhagen Twin Cohort Eye Study. (2022): Acta ophthalmologica, 100,e1561-e1568	F.1.1
7	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 (Basel, Switzerland), 12	F.1.1
8	Belmouhand M; Rothenbuehler SP ;Bjerager J;Dabbah S;Hjelmberg JB;Munch IC;Dalgård C;Larsen M Heritability and Risk Factors of Incident Small and Large Drusen in the Copenhagen Twin Cohort Eye Study: A 20-Year Follow-Up. (2022): Ophthalmologica. Journal international d'ophtalmologie. International journal of ophthalmology. Zeitschrift für Augenheilkunde, 245,421-430	F.1.1
9	Belmouhand, Mohamed; Rothenbuehler, Simon P. ;Dabbah, Sami;Bjerager, Jakob; Sander, Birgit;Hjelmberg, Jacob B.;Dalgård, Christine;Jensen, Rasmus;Larsen, Michael Small hard drusen and associated factors in early seniority (2022): PLoS ONE, 17	F.2.1
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	Dai A;Malmqvist L; Rothenbuehler SP ;Hamann S OCT based interpretation of the optic nerve head anatomy in young adults with retinal vascular occlusions and ischemic optic neuropathy. (2021): European journal of ophthalmology, 31,2563-2570	F.1.1

12	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
13	Bjerager J;Dabbah S;Belmouhand M; Rothenbuehler SP ;Sander B;Larsen M Lens fluorescence and skin fluorescence in the Copenhagen Twin Cohort Eye Study: Covariates and heritability. (2021): PloS one, 16,e0256975	F.1.1
14	Costello F; Rothenbuehler SP ;Sibony PA;Hamann S;Optic Disc Drusen Studies Consortium Diagnosing Optic Disc Drusen in the Modern Imaging Era: A Practical Approach. (2021): Neuro-ophthalmology (Aeolus Press), 45,1-16	F.1.1
15	Willerslev A;Larsen M; Rothenbuehler SP ;Sørensen TL;Hammer T;Paques M;Munch IC Spectral-domain optical coherence tomography of retinal vessels in Waldenström's macroglobulinemia. (2020): Acta ophthalmologica, 98,153-157	F.1.1
16	Torm MEW;Belmouhand M;Munch IC;Larsen M; Rothenbuehler SP Migration of an outer retinal element in a healthy child followed by longitudinal multimodal imaging. (2020): 18,100637	F.5.1
17	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
18	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
19	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
20	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
21	Rothenbuehler SP ;Obermann EC;Itin PH;Goldblum D Subkutanes Granuloma anulare am Orbitarand kann eine Dermoidzyste imitieren. (2016): Klinische Monatsblätter für Augenheilkunde, 233,409-10	F.1.1
22	Rothenbuehler, S.P. ;Palmowski-Wolfe, A.M.;Passweg, J.R.;Hollbach, N. Bilateral optic disc swelling, vitreous haemorrhage and Roths spots in chronic myeloid leukemia (2016): Tumor Diagnostik und Therapie, 37,36-38	F.2.1
23	Rothenbuehler S.P. ;Palmowski-Wolfe A.M.;Passweg J.R.;Hollbach N. Bilateral optic disc swelling, vitreous haemorrhage and roth's spots in chronic myeloid leukemia Bilaterale Papillenschwellung, Glaskörperblutung und Roth-Flecken bei chronisch myeloischer Leukämie (2015): Klinische Monatsblätter für Augenheilkunde, 232,564-565	F.1.1
24	Jegerlehner S; Rothenbuehler SP ;Pabst T [Vision impairment at diagnosis of cancer - choroidal metastasis]. (2014): Praxis, 103,641-7	F.1.1
25	Wolf-Schnurbusch UE;Ghanem R; Rothenbuehler SP ;Enzmann V;Framme C;Wolf S Predictors of short-term visual outcome after anti-VEGF therapy of macular edema due to central retinal vein occlusion. (2011): Investigative ophthalmology & visual science, 52,3334-7	F.3.2
26	Rothenbuehler SP ;Wolf-Schnurbusch UE;Wolf S Macular pigment density at the site of altered fundus autofluorescence. (2011): Graefe's archive for clinical and experimental ophthalmology = Albrecht von Graefes Archiv für klinische und experimentelle Ophthalmologie, 249,499-504	F.3.2

27	<p>Broehan AM;Tappeiner C;Rothenbuehler SP;Rudolph T;Amstutz CA;Kowal JH Multimodal registration procedure for the initial spatial alignment of a retinal video sequence to a retinal composite image. (2010): IEEE transactions on bio-medical engineering, 57,1991-2000</p>	<i>F.1.1</i>
28	<p>Wolf-Schnurrbusch UE;Ceklic L;Brinkmann CK;Iliev ME;Frey M;Rothenbuehler SP; Enzmann V;Wolf S Macular thickness measurements in healthy eyes using six different optical coherence tomography instruments. (2009): Investigative ophthalmology & visual science, 50,3432-7</p>	<i>F.1.1</i>
29	<p>Rothenbuehler SP;Waeber D;Brinkmann CK;Wolf S;Wolf-Schnurrbusch UE Effects of ranibizumab in patients with subfoveal choroidal neovascularization attributable to age-related macular degeneration. (2009): American journal of ophthalmology, 147,831-7</p>	<i>F.1.1</i>