

## My publications

Name - Valmaggia Philippe

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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.; <b>Valmaggia, Philippe</b> ;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	Denk, Nora;Freichel, Christian; <b>Valmaggia, Philippe</b> ;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
3	Maloca, Peter M.;Zarranz-Ventura, Javier; <b>Valmaggia, Philippe</b> ;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
4	<b>Valmaggia, Philippe</b> ; 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):	NA
5	Ansari, Georg;Schärer, Nils;Camenzind Zuche, Hanna;Gabrani, Chrysoula;Anders, Philipp;Pfau, Kristina; <b>Valmaggia, Philippe</b> ;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
6	Maloca PM;de Carvalho ER;Hasler PW;Balaskas K;Inglin N;Petzold A;Egan C;Tufail A; Scholl HPN; <b>Valmaggia P</b> Dynamic volume-rendered optical coherence tomography pupillometry. (2022): Acta ophthalmologica, 100,654-664	F.1.1
7	Spaide RF; <b>Valmaggia P</b> ;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 (Philadelphia, Pa.), 42,1433-1441	F.1.1
8	Okada M;Egan CA;Heeren TF; <b>Valmaggia P</b> ;Tufail A;Maloca PM State of the art spatial visualization of the response of neovascularisation to anti-vascular endothelial growth factor therapy. (2022): 25,101267	F.5.1
9	Maloca PM;Freichel C;Hänsli C; <b>Valmaggia P</b> ;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
10	Maloca PM;Feu-Basilio S;Schottenhamml J; <b>Valmaggia P</b> ;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

11	Spaide RF; <b>Valmaggia P</b> ;Maloca PM IMAGING THE VITREOUS WITH A NOVEL BOOSTED OPTICAL COHERENCE TOMOGRAPHY TECHNIQUE: Posterior Vitreous Detachment. (2022): Retina (Philadelphia, Pa.), 42,1425-1432	F.1.1
12	Maloca PM; <b>Valmaggia P</b> ;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
13	<b>Valmaggia P</b> ;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 & technology, 11,25	F.1.1
14	<b>Valmaggia, Philippe</b> ;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
15	Julia Wolleb;Robin Sandkuehler;Florentin Bieder; <b>Philippe Valmaggia</b> ;Philippe C. Cattin Diffusion Models for Implicit Image Segmentation Ensembles (2022):	F.3.3
16	Maloca PM;Seeger C;Booler H; <b>Valmaggia P</b> ;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
17	Bourqui A;Niang EAB;Graz B;Diop EA;Dahaba M;Thiaw I;Soumare K; <b>Valmaggia P</b> ; Nogueira RC;Cavin AL;Al-Anbaki M;Seck SM Hypertension treatment with Combretum micranthum or Hibiscus sabdariffa, as decoction or tablet: a randomized clinical trial. (2021): Journal of human hypertension, 35,800-808	F.1.1