



Philippe C Cattin

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Publications (11)

Greselin M, Lu P, Melie-Garcia L, Ocampo-Pineda M, Galbusera R, Cagol A, Weigel M, de Oliveira Siebenborn N, Ruberte E, Benkert P, Müller S, Finkener S, Vehoff J, Giulio D, Findling O, Chan A, Salmen A, Pot C, Bridel C, Zecca C, Derfuss T, Lieb J, Diepers M, Wagner F, Vargas M, Du Pasquier R, Lalive P, Pravata E, Weber J, Gobbi C, Leppert D, Kim O, Cattin P, Hoepner R, Roth P, Kappos L, Kuhle J, Granziera C. Contrast-Enhancing Lesion Segmentation in Multiple Sclerosis: A Deep Learning Approach Validated in a Multicentric Cohort. *Bioengineering (Basel)* 2024; 11

Cagol A, Benkert P, Melie-Garcia L, Schaedelin S, Leber S, Tsagkas C, Barakovic M, Galbusera R, Lu P, Weigel M, Ruberte E, Radue E, Yaldizli O, Oechtering J, Lorscheider J, D'Souza M, Fischer-Barnicol B, Müller S, Achtnichts L, Vehoff J, Giulio D, Findling O, Chan A, Salmen A, Pot C, Bridel C, Zecca C, Derfuss T, Lieb J, Remonda L, Wagner F, Vargas M, Du Pasquier R, Lalive P, Pravata E, Weber J, Cattin P, Absinta M, Gobbi C, Leppert D, Kappos L, Kuhle J, Granziera C. Association of Spinal Cord Atrophy and Brain Paramagnetic Rim Lesions With Progression Independent of Relapse Activity in People With MS. *Neurology* 2023; 102:e207768.

Cagol A, Schaedelin S, Barakovic M, Benkert P, Todea R, Rahmzadeh R, Galbusera R, Lu P, Weigel M, Melie-Garcia L, Ruberte E, Siebenborn N, Battaglini M, Radue E, Yaldizli O, Oechtering J, Sinnecker T, Lorscheider J, Fischer-Barnicol B, Müller S, Achtnichts L, Vehoff J, Giulio D, Findling O, Chan A, Salmen A, Pot C, Bridel C, Zecca C, Derfuss T, Lieb J, Remonda L, Wagner F, Vargas M, Du Pasquier R, Lalive P, Pravata E, Weber J, Cattin P, Gobbi C, Leppert D, Kappos L, Kuhle J, Granziera C. Association of Brain Atrophy With Disease Progression Independent of Relapse Activity in Patients With Relapsing Multiple Sclerosis. *JAMA Neurol* 2022; 79:682-692.

Henrich P, Valmaggia C, Lang C, Cattin P. The price for reduced light toxicity: Do endoilluminator spectral filters decrease color contrast during Brilliant Blue G-assisted chromovitrectomy?. *Graefes Arch Clin Exp Ophthalmol* 2013

Henrich P, Valmaggia C, Lang C, Priglinger S, Haritoglou C, Strauss R, Cattin P. Contrast recognizability during brilliant blue G - and heavier-than-water brilliant blue G-assisted chromovitrectomy: a quantitative analysis. *Acta Ophthalmol* 2012; 91:e120-4.

Olgac U, Knight J, Poulidakos D, Saur S, Alkadhi H, Desbiolles L, Cattin P, Kurtcuoglu V. Computed high concentrations of low-density lipoprotein correlate with plaque locations in human coronary arteries. *J Biomech* 2011; 44:2466-71.

Saur S, Székely G, Fuchs T, Desbiolles L, Scheffel H, Leschka S, Baumüller S, Stolzmann P, Alkadhi H, Cattin P. Effect of reader experience on variability, evaluation time and accuracy of coronary plaque detection with computed tomography coronary angiography. *Eur Radiol* 2010; 20:1599-606.

Saur S, Cattin P, Desbiolles L, Fuchs T, Székely G, Alkadhi H. Prediction rules for the detection of coronary artery plaques: evidence from cardiac CT. *Invest Radiol* 2009; 44:483-90.

Saur S, Alkadhi H, Desbiolles L, Fuchs T, Székely G, Cattin P. Guided review by frequent itemset mining: additional evidence for plaque detection. *Int J Comput Assist Radiol Surg* 2009; 4:263-71.

Saur S, Alkadhi H, Desbiolles L, Székely G, Cattin P. ACCURATUM: improved calcium volume scoring using a mesh-based algorithm--a phantom study. *Eur Radiol* 2008; 19:591-8.

Saur S, Alkadhi H, Desbiolles L, Székely G, Cattin P. Automatic detection of calcified coronary plaques in computed tomography data sets. *Med Image Comput Comput Assist Interv* 2008; 11:170-7.

Projects (0)

No results found.

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