

Publikationsverzeichnis Prof. Dr. med. Stefan Förster **(Auswahl)**

h-Index (Google Scholar): 41

Erst-und Letztautorenschaften (jeweils mit Impact Factor (IF))

Originalarbeiten

Zhang R, Hohenforst-Schmidt W, Steppert C, Sziklavari Z, Schmidkonz C, Atzinger A, Kuwert T, Klink T, Sterlacci W, Hartmann A, Vieth M, **Förster S.**

Standardized 18F-FDG PET/CT radiomic features provide information on PD-L1 expression status in treatment-naïve patients with non-small cell lung cancer

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Riederer I, Bohn KP, Preibisch C, Wiedemann E, Zimmer C, Alexopoulos P, **Förster S.**

Alzheimer Disease and Mild Cognitive Impairment: Integrated Pulsed Arterial Spin-Labeling MRI and ¹⁸F-FDG PET.

Radiology. 2018 May 15:170575. doi: 10.1148/radiol.2018170575. [Epub ahead of print]

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Preibisch C, Shi K, Kluge A, Lukas M, Wiestler B, Göttler J, Gempt J, Ringel F, Al Jaber M, Schlegel J, Meyer B, Zimmer C, Pyka T, **Förster S.**

Characterizing hypoxia in human glioma: A simultaneous multimodal MRI and PET study.

NMR Biomed. 2017 Aug 14. doi: 10.1002/nbm.3775. [Epub ahead of print]

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Zhang H, Wu P, Ziegler SI, Guan Y, Wang Y, Ge J, Schwaiger M, Huang SC, Zuo C, **Förster S*, Shi K*.**

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Neuroimage. 2016 Sep 28. pii: S1053-8119(16)30491-8. Doi:

10.1016/j.neuroimage.2016.09.031. [Epub ahead of print] PMID: 27693611

* equal contribution

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Pyka T, Gempt J, Hiob D, Ringel F, Schlegel J, Bette S, Wester HJ, Meyer B, **Förster S**.
Textural analysis of pre-therapeutic [18F]-FET-PET and its correlation with tumor grade and patient survival in high-grade gliomas.

Eur J Nucl Med Mol Imaging. 2016 Jan;43(1):133-41. doi: 10.1007/s00259-015-3140-4. Epub 2015 Jul 29. PMID: 26219871

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Klupp E, Grimmer T, Tahmasian M, Sorg C, Yakushev I, Yousefi BH, Drzezga A, **Förster S**.
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Prediction of glioma recurrence using dynamic ¹⁸F-fluoroethyltyrosine PET.

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In Alzheimer's disease, hypometabolism in low-amyloid brain regions may be a functional consequence of pathologies in connected brain regions.

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Eur J Nucl Med Mol Imaging. 2012 Dec;39(12):1927-36. doi: 10.1007/s00259-012-2230-9. Epub 2012 Aug 28. PubMed PMID: 22926714.

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Förster S, Buschert VC, Buchholz HG, Teipel SJ, Friese U, Zach C, la Fougere C, Rominger A, Drzezga A, Hampel H, Bartenstein P, Bürger.

Effects of a 6-Month Cognitive Intervention Program on Brain Metabolism in Amnesic Mild Cognitive Impairment and Mild Alzheimer's Disease.

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Functional representation of olfactory impairment in early Alzheimer's disease.

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Int J Cardiovasc Imaging. 2010 Feb;26(2):203-13.

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Journal of Alzheimer's Disease. 2009 Mar;16 (3):635–647.

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Reviews

Buchert R , Förster S

Update FDG PET in der Demenzdiagnostik

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Positron emission tomography and magnetic resonance spectroscopy in cerebral gliomas

Clinical and Translational Imaging. 2017; 5:151-158.

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The Role of FDG PET in the Differential Diagnosis of Neurodegenerative Dementias

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Amyloid-Imaging for Diagnosis of Dementia

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**Förster S, Buschert VC, Buchholz HG, Teipel SJ, Friese U, Hampel H, Bartenstein P, Bürger K.
Effects of a 6-month cognitive intervention on brain metabolism in amnestic MCI and mild
Alzheimer´s disease.**

J Alzheimers Dis. 2011;26 Suppl 3:337-48 Handbooks of Alzheimer´s Disease

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Coautorenschaften (jeweils mit Impact Factor (IF))

Originalarbeiten

Lu J, Wang M, Wu P, Yakushev I, Zhang H, Ziegler S, Jiang J, Förster S, Wang J, Schwaiger M, Rominger A, Huang SC, Liu F, Zuo C, Shi C.

Adjustment for age- and gender-related metabolic changes improves the differential diagnosis of parkinsonism

Phenomics. 2022 Oct 25;3(1):50-63. doi: 10.1007/s43657-022-00079-6.

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Agaimy A, Förster S, Hansen T, Kalla J, Stacher-Priehse E, Titze U, Vieth M

Paravertebral fibrous pseudotumor: Four cases of a distinctive tumefactive lesion overlapping with eosinophilic angiocentric fibrosis and tumoral erythema elevatum diutinum

Ann Diagn Pathol. 2023 Feb;62:152073. doi: 10.1016/j.anndiagpath.2022.152073.

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Rinscheid A, Janzen T, Alikhani B, Beer AJ, Braune A, Eberhardt N, Fechner D, Förster S, Freesmeyer M, Furth C, Grunert M, Hellwig D, Costa PF, Kühnel C, Lange C, Linke R, Razlaw N, Sack T, Schmidt D, Schütze C, Starke A, Tondera L, Wengenmair H, Zöphel K, Burchert W, Lapa C.

Radiation doses from low-dose CT scans in SPECT/CT and PET/CT examinations: A survey in Germany

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The congruency of neuropsychological and F18-FDG brain PET/CT diagnostics of Alzheimer's Disease (AD) in routine clinical practice: insights from a mixed neurological patient cohort.

BMC Neurol. 2022 Mar 9;22(1):83. doi: 10.1186/s12883-022-02614-4. PMID: 35264143

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Jansen WJ, Janssen O, Tijms BM, Vos SJB, Ossenkoppele R, Visser PJ; Amyloid Biomarker Study Group, Aarsland D, Alcolea D, Altomare D, von Arnim C, Baiardi S, Baldeiras I, Barthel H, Bateman RJ, Van Berckel B, Binette AP, Blennow K, Boada M, Boecker H, Bottlaender M, den Braber A, Brooks DJ, Van Buchem MA, Camus V, Carill JM, Cerman J, Chen K, Chételat G, Chipi E, Cohen AD, Daniels A, Delarue M, Didic M, Drzezga A, Dubois B, Eckerström M, Ekblad LL, Engelborghs S, Epelbaum S, Fagan AM, Fan Y, Fladby T, Fleisher AS, Van der Flier WM, **Förster S**, Fortea J, Frederiksen KS, Freund-Levi Y, Frings L, Frisoni GB, Fröhlich L, Gabryelewicz T, Gertz HJ, Gill KD, Gkatzima O, Gómez-Tortosa E, Grimmer T, Guedj E, Habeck CG, Hampel H, Handels R, Hansson O, Hausner L, Hellwig S, Heneka MT, Herukka SK, Hildebrandt H, Hodges J, Hort J, Huang CC, Iriondo AJ, Itoh Y, Ivanoiu A, Jagust WJ, Jessen F, Johannsen P, Johnson KA, Kandimalla R, Kapaki EN, Kern S, Kilander L, Klimkowitz Mrowiec A, Klunk WE, Koglin N, Kornhuber J, Kramberger MG, Kuo HC, Van Laere K, Landau SM, Landeau B, Lee DY, de Leon M, Leyton CE, Lin KJ, Lleó A, Löwenmark M, Madsen K, Maier W, Marcusson J, Marquié M, Martinez-Lage P, Maserejian N, Mattsson N, de Mendonça A, Meyer PT, Miller BL, Minatani S, Mintun MA, Mok VCT, Molinuevo JL, Morbelli SD, Morris JC, Mroczko B, Na DL, Newberg A, Nobili F, Nordberg A, Olde Rikkert MGM, de Oliveira CR, Olivieri P, Orellana A, Paraskevas G, Parchi P, Pardini M, Parnetti L, Peters O, Poirier J, Popp J, Prabhakar S, Rabinovici GD, Ramakers IH, Rami L, Reiman EM, Rinne JO, Rodrigue KM, Rodríguez-Rodríguez E, Roe CM, Rosa-Neto P, Rosen HJ, Rot U, Rowe CC, Rütger E, Ruiz A, Sabri O, Sakhardande J, Sánchez-Juan P, Sando SB, Santana I, Sarazin M, Scheltens P, Schröder J, Selnes P, Seo SW, Silva D, Skoog I, Snyder PJ, Soininen H, Sollberger M, Sperling RA, Spuru L, Stern Y, Stomrud E, Takeda A, Teichmann M, Teunissen CE, Thompson LI, Tomassen J, Tsolaki M, Vandenberghe R, Verbeek MM, Verhey FRJ, Villemagne V, Villeneuve S, Vogelgsang J, Waldemar G, Wallin A, Wallin ÅK, Wiltfang J, Wolk DA, Yen TC, Zboch M, Zetterberg H.

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Association of Cerebral Amyloid- β Aggregation With Cognitive Functioning in Persons Without Dementia.

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Progressively Disrupted Intrinsic Functional Connectivity of Basolateral Amygdala in Very

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Correction: Quantitative Amyloid Imaging in Autosomal Dominant Alzheimer's Disease: Results from the DIAN Study Group.

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White matter hyperintensities are a core feature of Alzheimer's disease: Evidence from the dominantly inherited Alzheimer network.

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Quantitative Amyloid Imaging in Autosomal Dominant Alzheimer's Disease: Results from the DIAN Study Group.

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Tahmasian M, Shao J, Meng C, Grimmer T, Diehl-Schmid J, Yousefi BH, **Förster S**, Riedl V, Drzezga A, Sorg C.

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Grimmer T, Wutz C, Alexopoulos P, Drzezga A, **Förster S**, Förstl H, Goldhardt O, Ortner M, Sorg C, Kurz A.

Visual Versus Fully Automated Analyses of 18F-FDG and Amyloid PET for Prediction of Dementia Due to Alzheimer Disease in Mild Cognitive Impairment.

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Cerebral amyloidosis associated with cognitive decline in autosomal dominant Alzheimer disease.

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