

Publikationen PD Dr. Gerhard H. Simon

Stand 10/2012

Publication List: First authorship

1. **Simon GH**, Nitzsche EU, Laubenberger JJ, Einert A, Moser E.
PET Imaging of Recurrent Medullary Thyroid Cancer.
Nuklearmedizin (1996) 35(3):102-104 (1.95 IF)
2. **Simon GH**, Lakritz P, Freeman LM.
Partial ablation of mediastinal parathyroid adenoma by angiography: Documentation with Tc-99m sestamibi scintigraphy.
Clin Nucl Med 1998; 23(3):174-176 (1.58 IF)
3. **Simon G**, Daldrup HE, Rummeny EJ: MR Imaging of Hepatic Metastases. *Clinical Radiology; Imaging Decisions* 1: 19-28, 2003 (noch nicht gelistet)
4. **Simon G**, Link TM, Woertler K, Doebereiner F, Schulte-Frohlinde E, Daldrup-Link HE, Settles M, Rummeny EJ: Detection of hepatocellular carcinoma: comparison of Gd-DTPA- and ferumoxides-enhanced MR imaging.
Eur Radiol. 2005 May;15(5):895-903. (2.36 IF)
5. **Simon GH**, Fu Y, Berejnoi K, Fournier LS, Lucidi V, Yeh B, Shames DM, Brasch RC: Initial computed tomography imaging experience using a new macromolecular iodinated contrast medium in experimental breast cancer.
Invest Radiol. 2005 Sep;40(9):614-20. (2.32 IF)
6. **Simon GH**, Raatschen HJ, Wendland M, von Vopelius-Feldt J, Fu Y, Chen MH, Daldrup-Link HE: Ultrasmall superparamagnetic iron-oxide-enhanced MR imaging of normal bone marrow in rodents: original research original research.
Acad Radiol. 2005 Sep;12(9):1190-7. (1.47 IF)
7. **Simon GH**, Bauer J, Saborovski O, Fu Y, Corot C, Wendland MF, Daldrup-Link HE: T1 and T2 relaxivity of intracellular and extracellular USPIO at 1.5T and 3T clinical MR scanning.
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8. **Simon GH**, von Vopelius-Feldt J, Fu Y, Schlegel J, Piontek G, Wendland MF, Chen MH, Daldrup-Link HE: Ultrasmall Supraparamagnetic Iron Oxide-Enhanced Magnetic Resonance Imaging of Antigen-Induced Arthritis: A Comparative Study Between SHU 555 C, Ferumoxtran-10, and Ferumoxytol.
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9. **Simon GH**, Daldrup-Link HE, von Vopelius-Feldt J, Wendland M, Fu Y, Schlegel J, Rummeny E: MRT der Arthritis mit dem USPIO SH U 555 C: Optimierung des T1-Enhancements.
Fortschr. Röntgenstr. 2006 Feb;178(2):200-2006 (1.786 IF)
10. **Simon GH**, von Vopelius-Feldt J, Wendland MF, Fu Y, Piontek G, Schlegel J, Chen MH, Daldrup-Link HE: MR Imaging of Arthritis: Comparison of Ultrasmall Superparamagnetic Iron Oxide versus Gd-DTPA.
JMRI. 2006 Mar 23(5):720-727 (2.94 IF)
11. **Simon GH**, Daldrup-Link HE, Kau J, Metz S, Piontek G, Schlegel J, Saborowski O, Demos S, Duyster J, Pichler B: Optical Imaging of Experimental Arthritis using Allogeneous Leukocytes Labeled with a Near-Infrared Fluorescent Probe
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12. **Simon GH**, Daldrup-Link HE, Rummeny EJ
[Macrophage specific MRI imaging for antigen induced arthritides : A potential new strategy for the diagnosis of rheumatoid arthritis.]
Radiologe. 2007 Jan;47(1):43-52.

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1. Kinne R, Becker W, **Simon G**, Paganelli G, Palombo-Kinne E, Wolsky A, Bloch S, Schwarz A, Wolf F, Emmerich F.
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2. Einert A, Bonnaire F, **Simon GH**, Kuner E, Moser E.
3-Phasen-Skelettszintigraphie: Perfusion und Vitalität des Hüftkopfes nach medialer Schenkelhalsfraktur und Osteosynthese.
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3. Otte A, Ettl TM, Nitzsche EU, Wachter K, Hoegerle S, **Simon GH**, Fierz L, Moser E, Mueller-Brand J.
PET and SPECT in whiplash syndrome: A new approach to a forgotten brain?
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4. Hoegerle S, Nitzsche EU, Stumpf A, **Simon GH**, Otte A, Schwarzkopf G, Moser E.
Incidental appendix carcinoid: Value of somatostatin receptor imaging.
Clin Nucl Med. 1997; 22(7):467-469 (1.58 IF)
5. Daldrup-Link HE, Rudelius M, Oostendorp RA, Jacobs VR, **Simon GH**, Gooding C, Rummeny EJ:
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6. Daldrup-Link HE, **Simon G**, Brasch RC: Imaging of Tumor Angiogenesis. Current Approaches and Future Prospects.
Curr Pharm Des. 2006;12(21):2661-72. Review. (5.38 IF)
7. Fu Y, Nitecki D, Maltby D, **Simon G**, Berejnoi K, Raatschen H-J, Yeh B, Shames D, Brasch R:
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8. Saborowski O, **Simon GH**, Raatschen HJ, Wendland MF, Fu Y, Knudsen M, Baehner R, Corot C, Chen MH, Daldrup-Link HE: MR imaging of antigen-induced arthritis with the new, folate-receptor targeted contrast agent P866.
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9. Raatschen HJ, **Simon GH**, Fu Y, Sennino B, Shames DM, Wendland MF, McDonald DM, Brasch RC. Vascular permeability during antiangiogenesis treatment: MR imaging assay results as biomarker for subsequent tumor growth in rats.
Radiology. 2008 May;247(2):391-9.

Book Chapters

Kinne R, Becker W, Schwab J, **Simon G**, Schwarz A, Wolf F, Kalden J, Burmester G, Emmerich F. Imaging of Arthritic Joints with Technetium-88-m Labeled Immunoglobulins. Müller-Peddinghaus R (Editor), Leukotriens and Vascular Phenomena of Inflammation Related to Rheumatoid Arthritis. Eular Publishers, Basel (1992): 161-174

Published Abstracts of oral Presentations: First authorship

1. **Simon GH**, Nitzsche EU, Martin J, Barth I, Geibel A, Beyersdorf F, Moser E. Diagnosis of left ventricular aneurysm using MIBI SPECT- FDG PET: Comparison with echocardiography and ventriculography. Eur J Nucl Med (1996) 73: 508 (P)
2. **Simon GH**, Nitzsche EU, Martin J, Barth I, Geibel A, Beyersdorf F, Moser E. Diagnostik des linksventrikulären Myocard mittels FDG-PET bei Patienten mit fortgeschrittener Herzinsuffizienz: Vergleich mit Echokardiographie und Lävoventrikulographie. Nuklearmedizin (1996) 35 14(P)
3. **Simon GH**, Nitzsche EU, Krautmann F, Hoegerle S, Reinhardt MJ, Imdahl A, Otte A, Moser E: Ist FDG- PET trotz CT-Diagnose einer entzündlichen bzw. tumorösen Pankreaserkrankung indiziert? Nuklearmedizin (1997) 25:176 (P)
4. **Simon GH**, Link TM, Doebereiner F, Rummeny EJ. Detektion maligner Läsionen in zirrhotischem und nicht zirrhotischem Leberparenchym: Vergleich von Gadolinium- und Endorem-verstärkter MRT im gleichen Patienten. 55. Jahrestagung der Bayerischen Röntgengesellschaft e.V., München, 11-13.10.02
5. **Simon GH**, Link TM, Doebereiner F, Becker I, Rummeny EJ. Detection of Hepatocellular Carcinoma in Cirrhotic Livers and Detection of Liver Metastases in Noncirrhotic Livers: Comparison of Gadolinium- and Ferumoxides-Enhanced MR Imaging. RSNA 2002, Radiology Supplement 1, S 300: 250(P), 2002
6. **Simon GH**, von Vopelius-Feldt JF, Fu Y, Berejnoi K, WendlandMF, Daldrup-Link HE: Detection and characterization of antigen-induced arthritis using USPIO-enhanced MR imaging. RSNA 2004, Radiology Supplement 1, S305, 2004
7. **Simon GH**, von Vopelius-Feldt JF, WendlandMF, Fu Y, Berejnoi K, Daldrup-Link HE: Comparison of ferumoxtran-10 and ferumoxytol for MR imaging of experimental arthritis. ECR 2005, Eur Radiol Supplement 1 to Vol 15, S298, 2005
8. **Simon GH**, von Vopelius-Feldt JF, Fu Y, WendlandMF, Chen M, Daldrup-Link HE: MRT der Antigen-induzierten Arthritis im Tiermodell: Vergleich von SHU 555 C und Gd-DTPA. Deutscher Röntgenkongreß 2005. Fortschr. Röntgenstr. 177, Supplement 1: S216
9. **Simon GH**, Wendland MF, Fu Y, Daldrup-Link HE: Ultrasmall Superparamagnetic Iron-Oxide-enhanced MR Imaging of Normal Bone Marrow. RSNA 2005, Radiology Supplement 1, S451, 2005
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11. **Simon GH**, Kau J, Saborowski O, Metz S, Demos S, Pichler BJ, Daldrup-Link HE: Optical imaging of experimental arthritis using allogeneic leukocytes labeled with a near-infrared fluorescent probe. Eur Radiol Supplement 1, 2006.
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1. Nitzsche EU, Middelkauf H, **Simon GH**, Otte A, Hoh C, Schelbert H, Moser E. Evidence for a neuroexcitatory role for adenosin in humans. Eur J Nucl Med (1996) 26: 173 (P)
2. Barth IC, Schöffler J, **Simon GH**, Nitzsche EU, Moser E: Bildüberlagerung von Transmissions- und Emissionsdaten in der Positronen-Emissions-Tomographie (PET). Nuklearmedizin (1996) 35: 54 (P)
3. Schöffler J, Barth IC, **Simon GH**, Nitzsche EU, Moser E: Rechnerische dreidimensionale Normalisierung in der Positronen-Emissions-Tomographie (PET). Nuklearmedizin (1996) 35: 56 (P)
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6. Woertler K, Martinek V, Rechl H, Röttinger M, **Simon G**, Rummeny EJ. MR-arthrography in assessment of cartilage lesions of the knee: Value of delayed imaging after Gd-DTPA diffusion. ECR 2003, Eur Radiol 2003 (13), Supplement 1: S 132
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11. Daldrup-Link HE, Saborowski O, **Simon GH**, Corot C et al: Proof-of-concept of folate-receptor targeted MR Imaging of antigen-induced arthritis. CMR Contrast Media Research 2005, Evian France 11-16.10.2005, session 4, 2005, Contrast Media and Molecular Imaging, 2006.

12. Daldrup-Link HE, **Simon GH**, Saborowski O et al: Optical imaging of experimental arthritis before and after cortisone treatment. CMR Contrast Media Research 2005, Evian France 11-16.10.2005, session 5, 2005, Contrast Media and Molecular Imaging, 2006.

13. Saborowski O, Raatschen HJ, **Simon GH**, Fu Y, Corot C, Daldrup-Link HE: MR der Antigen-induzierten Arthritis mit dem neuen Folat-Rezeptor-spezifischen Kontrastmittel P866. Fortschr Röntgenstr, Suppl. 1.

Published Abstracts of Poster Presentations

Simon GH, Link TM, Döbereiner F, Rummeny EJ: Detektion maligner Läsionen im zirrhotischem und nicht zirrhotischen Leberparenchym: Vergleich von Gadolinium und Ferumoxid-verstärkter MRT im gleichen Patienten. Deutscher Röntgenkongress, Fortschr. Röntgenstr. Suppl. 1, 2003

Invited Presentations

1. **Simon GH**, Nitzsche EU
FDG PET in der Onkologie
Münster Freiburg Symposium 1996

2. **Simon GH**, Woertler K.
MR-Arthrography, Refresher Course
Strategien in der MR Diagnostik, München 16-17.11.2001

3. **Simon GH**
Hepatozelluläres Karzinom und EndoremMRT-Dialog an der Universität Leipzig, Abteilung Radiologie, Leipzig, 2003