

Publikationen 2009

Baeuerle,T., Hillengass,J., Fechtner,K., Zechmann,C.M., Grenacher,L., Moehler,T.M., Heiss,C., Wagner-Gund,B., Neben,K., Kauczor,H.U., Goldschmidt,H., Delorme,S.: Multiple Myeloma and Monoclonal Gammopathy of Undetermined Significance: Importance of Whole-Body versus Spinal MR Imaging. *Radiology* 252 (2), 477-485, 2009.

Baeuerle,T., Semmler,W.: Imaging response to systemic therapy for bone metastases. *European Radiology* 19 (10), 2495-+, 2009.

Brix,G., Zwick,S., Kiessling,F., Griebel,J.: Pharmacokinetic analysis of tissue microcirculation using nested models: Multimodel inference and parameter identifiability. *Medical Physics* 36 (7), 2923-2933, 2009.

Cao,L.J., Kriesche,T., Semmler,W., Peter,J.: Geometric Co-Calibration of an Integrated Small Animal SPECT-CT System for Intrinsically Co-Registered Imaging. *IEEE Transactions on Nuclear Science* 56 (5), 2759-2768, 2009.

Daartz,J., Engelsman,M., Paganetti,H., Bussiere,M.R.: Field size dependence of the output factor in passively scattered proton therapy: Influence of range, modulation, air gap, and machine settings. *Medical Physics* 36 (7), 3205-3210, 2009.

Enderlin,M., Kleinmann,E.V., Struyf,S., Buracchi,C., Vecchi,A., Kinscherf,R., Kiessling,F., Paschek,S., Sozzani,S., Rommelaere,J., Cornelis,J.J., Van Damme,J., Dinsart,C.: TNF-alpha and the IFN-gamma-inducible protein 10 (IP-10/CXCL-10) delivered by parvoviral vectors act in synergy to induce antitumor effects in mouse glioblastoma. *Cancer Gene Therapy* 16 (2), 149-160, 2009.

Kiessling,F., Huppert,J., Palmowski,M.: Functional and Molecular Ultrasound Imaging: Concepts and Contrast Agents. *Current Medicinal Chemistry* 16 (5), 627-642, 2009.

Kiessling,F., Huppert,J., Zhang,C.F., Jayapaul,J., Zwick,S., Woenne,E.C., Mueller,M.M., Zentgraf,H., Eisenhut,M., Addadi,Y., Neeman,M., Semmler,W.: RGD-labeled USPIO Inhibits Adhesion and Endocytotic Activity of alpha(v)beta(3)-Integrin-expressing Glioma Cells and Only Accumulates in the Vascular Tumor Compartment. *Radiology* 253 (2), 462-469, 2009.

Laun,F.B., Huff,S., Stieltjes,B.: On the effects of dephasing due to local gradients in diffusion tensor imaging experiments: relevance for diffusion tensor imaging fiber phantoms. *Magnetic Resonance Imaging* 27 (4), 541-548, 2009.

Laun,F.B., Schad,L.R., Klein,J., Stieltjes,B.: How background noise shifts eigenvectors and increases eigenvalues in DTI. *Magnetic Resonance Materials in Physics Biology and Medicine* 22 (3), 151-158, 2009.

Majdani,O., Thews,K., Bartling,S., Leinung,M., Dalchow,C., Labadie,R., Lenarz,T., Heidrich,G.: Temporal Bone Imaging: Comparison of Flat Panel Volume CT and Multisection CT. *American Journal of Neuroradiology* 30 (7), 1419-1424, 2009.

Menze,B.H., Kelm,B.M., Masuch,R., Himmelreich,U., Bachert,P., Petrich,W., Hamprecht,F.A.: A

comparison of random forest and its Gini importance with standard chemometric methods for the feature selection and classification of spectral data. *BMC Bioinformatics* 10, 2009.

Mitha,A.P., Reichardt,B., Grasruck,M., Macklin,E., Bartling,S., Leidecker,C., Schmidt,B., Flohr,T., Brady,T.J., Ogilvy,C.S., Gupta,R.: Dynamic imaging of a model of intracranial saccular aneurysms using ultra-high-resolution flat-panel volumetric computed tomography. *Journal of Neurosurgery* 111 (5), 947-957, 2009.

Pipkorn,R., Waldeck,W., Didinger,B., Koch,M., Mueller,G., Wiessler,M., Braun,K.: Inverse-electron-demand Diels-Alder reaction as a highly efficient chemoselective ligation procedure: Synthesis and function of a BioShuttle for temozolomide transport into prostate cancer cells. *Journal of Peptide Science* 15 (3), 235-241, 2009.

Pipkorn,R., Waldeck,W., Didinger,B., Braun,K.: BioShuttle mediated Plasmid Transfer - a Way to new genetic Intervention. *Peptides for Youth - the Proceedings of the 20Th American Peptide Symposium* 611, 285-286, 2009.

Reiss,Y., Knedla,A., Tal,A., Schmidt,M.H.H., Jugold,M., Kiessling,F., Burger,A.M., Wolburg,H., Deutsch,U., Plate,K.H.: Switching of vascular phenotypes within a murine breast cancer model induced by angiopoietin-2. *Journal of Pathology* 217 (4), 571-580, 2009.

Risse,F., Kuder,T.A., Kauczor,H.U., Semmler,W., Fink,C.: Suppression of pulmonary vasculature in lung perfusion MRI using correlation analysis. *European Radiology* 19 (11), 2569-2575, 2009.

Schulz,J., Korn,M., Woenne,E.C., Umathum,R., Briel,A., Hengerer,A., Semmler,W., Bock,M.: Measurement of R1 Dynamics Using Sliding Window-DESPOT. *Journal of Magnetic Resonance Imaging* 30 (5), 1163-1170, 2009.

Taeger,D., Johnen,G., Wiethage,T., Tapio,S., Mohner,M., Wesch,H., Tannapfel,A., Muller,K.M., Bruning,T., Pesch,B.: Major histopathological patterns of lung cancer related to arsenic exposure in German uranium miners. *International Archives of Occupational and Environmental Health* 82 (7), 867-875, 2009.

Unholtz,D., Semmler,W., Dossel,O., Peter,J.: Image formation with a microlens-based optical detector: a three-dimensional mapping approach. *Applied Optics* 48 (10), D273-D279, 2009.

Palmowski,M., Peschke,P., Huppert,J., Hauff,P., Reinhardt,M., Maurer,M., Karger,C.P., Scholz,M., Semmler,W., Huber,P.E., Kiessling,F.M.: Molecular Ultrasound Imaging of Early Vascular Response in Prostate Tumors Irradiated with Carbon Ions. *Neoplasia* 11 (9), 856-863, 2009.

Braun K, Wiessler M, Ehemann V, Pipkorn R, Spring H, Debus J, Didinger B, Koch M, Mueller G, Waldeck W: Treatment of glioblastoma multiforme cells with temozolomide-BioShuttle ligated by the inverse Diels-Alder ligation chemistry. *Drug Design, Development & Therapy* 2, 289-301, 2009.

Bauman,G., Puderbach,M., Deimling,M., Jellus,V., Chefd'hotel,C., Dinkel,J., Hintze,C., Kauczor,H.U., Schad,L.R.: Non-Contrast-Enhanced Perfusion and Ventilation Assessment of the Human Lung by Means of Fourier Decomposition in Proton MRI. *Magnetic Resonance in Medicine* 62 (3), 656-664, 2009.

Biederer,J., Dinkel,J., Remmert,G., Jetter,S., Nill,S., Moser,T., Bendl,R., Thierfelder,C., Fabel,M., Oelfke,U., Bock,M., Plathow,C., Bolte,H., Welzel,T., Hoffmann,B., Hartmann,G., Schlegel,W., Debus,J., Heller,M., Kauczor,H.U.: 4D-Imaging of the Lung: Reproducibility of Lesion Size and Displacement on Helical Ct, Mri, and Cone Beam Ct in A Ventilated Ex Vivo System. *International Journal of Radiation Oncology Biology Physics* 73 (3), 919-926, 2009.

Laun,F., Stieltjes,B., Schlueter,M., Rupp,R., Schad,L.R.: Reproducible evaluation of spinal cord DTI using an optimized inner volume sequence in combination with probabilistic ROI analysis. *Zeitschrift fuer Medizinische Physik* 19 (1), 11-20, 2009.

Aviv,H., Bartling,S., Kiesling,F., Margel,S.: Radiopaque iodinated copolymeric nanoparticles for X-ray imaging applications. *Biomaterials* 30 (29), 5610-5616, 2009.

Hillengass,J., Zechmann,C., Baeuerle,T., Wagner-Gund,B., Heiss,C., Benner,A., Ho,A., Neben,K., Hose,D., Kauczor,H.U., Goldschmidt,H., Delorme,S., Moehler,T.: Dynamic Contrast-Enhanced Magnetic Resonance Imaging Identifies a Subgroup of Patients with Asymptomatic Monoclonal Plasma Cell Disease and Pathologic Microcirculation. *Clinical Cancer Research* 15 (9), 3118-3125, 2009.

Lemke,A., Laun,F.B., Klau,M., Re,T.J., Simon,D., Delorme,S., Schad,L.R., Stieltjes,B.: Differentiation of Pancreas Carcinoma From Healthy Pancreatic Tissue Using Multiple b-Values: Comparison of Apparent Diffusion Coefficient and Intravoxel Incoherent Motion Derived Parameters. *Investigative Radiology* 44 (12), 769-775, 2009.

Zwick,S., Brix,G., Tofts,P.S., Strecker,R., Kopp-Schneider,A., Laue,H., Semmler,W., Kiessling,F.: Simulation-based comparison of two approaches frequently used for dynamic contrast-enhanced MRI.. *European Radiology* 2009.

Bartling,S.H., Kuntz,J., Semmler,W.: Gating in small-animal cardio-thoracic CT. *Methods* 2009.

Cao,L., Peter,J.: Geometrical Co-Calibration of a Tomographic Optical System with CT for Intrinsically Co-Registered Imaging. *Physics in Medicine and Biology* 2009.

Cisternas,J., Galvez,M., Stieltjes,B., Laun,F.B.: Variational principles in image processing and the regularization of orientation fields. *INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS* 19 (8), 2705-2716, 2009.

Elazar,V., Adwan,H., Baeuerle,T., Rohekar,K., Golomb,G., Berger,M.R.: Sustained delivery and efficacy of polymeric nanoparticles containing osteopontin and bone sialoprotein antisenses in rats with breast cancer bone metastasis. *International Journal of Cancer* 2009.

Hintze,C., Stemmer,A., Bock,M., Kuder,T.A., Risse,F., Dinkel,J., Prum,H., Puderbach,M., Fink,C., Biederer,J., Kauczor,H.U.: A Hybrid Breath Hold and Continued Respiration-Triggered Technique for Time-Resolved 3D MRI Perfusion Studies in Lung Cancer. *Rofo* 2009.

Homagk,A.K., Umatham,R., Korn,M., Weber,M.A., Hallscheidt,P., Semmler,W., Bock,M.: An expandable catheter loop coil for intravascular MRI in larger blood vessels. *Magnetic Resonance in Medicine* 2009.

Lemke,A., Laun,F.B., Klauß,M., Re,T.J., Simon,D., Delorme,S., Schad,L.R., Stieltjes,B.: Differentiation of Pancreas Carcinoma From Healthy Pancreatic Tissue Using Multiple b-Values: Comparison of Apparent Diffusion Coefficient and Intravoxel Incoherent Motion Derived Parameters. *Investigative Radiology* 2009.

Matthies,C., Nagel,A., Schad L.R., Bachert,P.: Reduction of B0 inhomogeneity effects in triple-quantum-filtered sodium MR imaging. *Journal of Magnetic Resonance* 2009.

Nagel,A.M., Laun,F.B., Weber,M.A., Matthies,C., Semmler,W., Schad,L.R.: Sodium MRI using a density-adapted 3D radial acquisition technique. *Magnetic Resonance in Medicine* 62 (6), 1565-1573, 2009.

Neukamm,M., Palmowski,M., Bartling,S., Schawo,S., Rietdorf,U., Meinzer,H.P., Hohenfellner,M., Kauczor,H.U., Hallscheidt,P.: Intrarenal artery delineation with ultra high resolution, flat panel based, volume computerized tomography: outer limits of spatial resolution. *Journal of Urology* 182 (6), 2915-2919 / part 1, 2009.

Baeuerle,T., Bartling,S., Berger,M.R., Schmitt-Graeff,A., Hilbig,H., Kauczor,H.U., Delorme,S., Kiessling,F.: Imaging anti-angiogenic treatment response with DCE-VCT, DCE-MRI and DWI in an animal model of breast cancer bone metastasis. *European Journal of Radiology* 2009.

Dunsch,L., Bock,M., Wiessler,M., Yang,M., Pipkorn,R., Debus,J., Waldeck,W., Braun,K.: Endohedral Nitridcluster-Fullerene-Conjugates As intravital MR-Contrast Agents. *Electrochemical Society* 901, 1246, 2009.

Wiessler,M., Kliem,C., Waldeck,W., Pipkorn,R., Braun,K.: The Diels-Alder-Reaction with inverse Electron Demand, a very efficient Click-Reaction Concept for Ligation of variable molecular Partners. *International Journal of Medical Science* 2009.

Mueller,G., Waldeck,W., Braun,K.: From green to red - more dead?. *Journal of Photochemistry and Photobiology B-Biology* 2009.

Waldeck, W., Mueller, G., Wiessler, M., Brom, M., Tóth, K., Braun, K.: Autofluorescent proteins as photosensitizer in eukaryotes. *International journal of medical sciences* 6 (6), 365-373, 2009.

Waldeck, W., Pipkorn, R., Korn, B., Mueller, G., Schick, M., Toth, K., Wiessler, M., Didinger, B., Braun, K.: Transporter molecules influence the gene expression in HeLa cells. *International journal of medical sciences* 6 (1), 18-27, 2009.

Kirsch,S., Bachert,P.: Visualization of the distant dipolar field: a numerical study. *Concepts in Magnetic Resonance / Part A* 34A (6), 357-364, 2009.

Braun K, Ehemann V, Wiessler M, Pipkorn R, Didinger B, Mueller G, Waldeck W: High-resolution flow cytometry: a suitable tool for monitoring aneuploid prostate cancer cells after TMZ and TMZ-BioShuttle treatment. *International journal of medical sciences* 6 (6), 338-347, 2009.

Komljenovic,D., Sandhoff,R., Teigler,A., Heid,H., Just,W.W., Gorgas,K.: Disruption of blood-testis barrier dynamics in ether-lipid-deficient mice. *Cell and Tissue Research* 337 (2), 281-299, 2009.

Carmona,G., Gottig,S., Orlandi,A., Scheele,J., Bauerle,T., Jugold,M., Kiessling,F., Henschler,R., Zeiher,A.M., Dimmeler,S., Chavakis,E.: Role of the small GTPase Rap1 for integrin activity regulation in endothelial cells and angiogenesis. *Blood* 113 (2), 488-497, 2009.

Weber,M.A., Krakowski-Roosen,H., Schroeder,L., Kinscherf,R., Krix,M., Kopp-Schneider,A., Essig,M., Bachert,P., Kauczor,H.U., Hildebrandt,W.: Morphology, metabolism, microcirculation, and strength of skeletal muscles in cancer-related cachexia. *Acta Oncologica* 48 (1), 116-124, 2009.

Zwick,S., Strecker,R., Kiselev,V., Gall,P., Huppert,J., Palmowski,M., Lederle,W., Woenne,E.C., Hengerer,A., Taupitz,M., Semmler,W., Kiessling,F.: Assessment of Vascular Remodeling Under Antiangiogenic Therapy Using DCE-MRI and Vessel Size Imaging. *Journal of Magnetic Resonance Imaging* 29 (5), 1125-1133, 2009.

Ganten,M.K., Weber,T.F., von Tengg-Kobligk,H., Bockler,D., Stiller,W., Geisbusch,P., Kauffmann,G.W., Delorme,S., Bock,M., Kauczor,H.U.: Motion characterization of aortic wall and intimal flap by ECG-gated CT in patients with chronic B-dissection. *European Journal of Radiology* 72 (1), 146-153, 2009.

Weber,M.A., Hildebrandt,W., Schroder,L., Kinscherf,R., Krix,M., Bachert,P., Delorme,S., Essig,M., Kauczor,H.U., Krakowski-Roosen,H.: Concentric resistance training increases muscle strength without affecting microcirculation. *European Journal of Radiology* 2009.

Hakrroush,S., Moeller,M.J., Theilig,F., Kaissling,B., Sijmonsma,T.P., Jugold,M., Akesson,A.L., Traykova-Brauch,M., Hosser,H., Haehnel,B., Groene,H.J., Koesters,R., Kriz,W.: Effects of increased tubular VEGF on fibrosis, cyst formation and glomerular disease. *American Journal of Pathology* 175 (5), 1883-1895, 2009.

Other Articles

Fritzsche K., Stieltjes B., Laun F.B., Meinzer H-P.+: Towards Reliable Quantification of Fiber Integrity in Q-Ball Imaging. In: DMFC Workshop, MICCAI. Guang-Zhong Yang, David Hawkes, Daniel Rueckert, A, Springer, 2009.

Rata,M., Cotton,F., Paquet,C., Birlea,V., Bock,M., Salomir,R.: Endocavitary phased array applicator of therapeutic ultrasound with an integrated opposed-solenoid coil for high resolution MRI-guided thermotherapy: an in vivo study. In: Proceedings 17th Scientific Meeting, International Society for Magnetic Resonance in Medicine. 2009.

Rauschenberg,J., de Oliveira,A., Maier,F., Semmler,W., Bock,M.: Comparison of Two Real Time Tracking Methods for a Robotic Assistance System. In: Proceedings 17th Scientific Meeting, International Society for Magnetic Resonance in Medicine. 2009.

Rigotti,D., Hovener,J., Amann,M., Bachert,P., Gass,A., Gonen,O.: Whole-Brain N-Acetylaspartate Quantification: Performance Comparison of NAA Versus Lipid Nulling. In: Proceedings 17th Scientific Meeting, International Society for Magnetic Resonance in Medicine. 2009.

Schmitter,S., Mueller,M., Semmler,W., Bock,M.: A VERSE algorithm with additional acoustic noise constraints. In: Proceedings 17th Scientific Meeting, International Society for Magnetic Resonance in Medicine. 2009.

Schmitter,S., Mueller,M., Semmler,W., Bock,M.: Maximum sound pressure levels at 7 Tesla - what's all this fuss about?. In: Proceedings 17th Scientific Meeting, International Society for Magnetic Resonance in Medicine. 2009.

Stafford,R., Krafft,A., McNichols,R., Gowda,A., Bock,M., Hazle,J.: Localized FFT phase-correction algorithm for improved real-time PRF shift thermometry. In: Proceedings 17th Scientific Meeting, International Society for Magnetic Resonance in Medicine. 2009.

Umathum,R., Krafft,A., de Oliveira,A., Bock,M.: Inductively Coupled Coils for Local SNR-Enhancement during MR-guided Prostate Biopsy. In: Proceedings 17th Scientific Meeting, International Society for Magnetic Resonance in Medicine. 2009.

Unholtz,D., Semmler,W., Dössel,O., Peter,J.: Object surface extraction with a microlens-based optical detector. In: Proceedings 4th Int.Conf.on Optical Measurement Techniques for Structures & Systems. 2009.

Alt,S., Umathum,R., Semmler,W., Bock,M.: Active Catheter Tracking in Air Cavities using a Semisolid Signal Source. In: Proceedings 17th Scientific Meeting, International Society for Magnetic Resonance in Medicine. 2009.

Bock,M., Homagk,A., Krafft,A., Maier,F., Schulz,J., Umathum,R., Semmler,W., Hallscheidt,P.: Towards fully MR-guided TACE Procedures: Perfusion MRI and Real-time MRA Protocols. In: Proceedings 17th Scientific Meeting, International Society for Magnetic Resonance in Medicine. 2009.

Cao,L., Semmler,W., Peter,J.: Integration and Co-Calibration of an Optical Tomographic Imaging System into a Single-Gantry SPECT-CT Small Animal Imager. In: Proceedings of the SMI/AMI World Molecular Imaging Conference. 2009.

Essig,M., Giesel,F., Dinkel,J., Bock,M.: Comparison of high temporal resolution 2D time resolved blood bolus tagging MRA and 3D time resolved contrast enhanced MRA for the assessment of hemodynamics in patients with cerebral arteriovenous malformations. In: Proceedings 17th Scientific Meeting, International Society for Magnetic Resonance in Medicine. 2009.

Giesel,F., Bock,M., Gerigk,L., Komm,N., Bergmann,K., Mehndiratta,A., Essig,M.: Optimizing flip angle and injection rate for combined first pass and steady state imaging of the supraaortic vasculature using gadofosveset trisodium at 1.5 T MRI - a volunteer study. In: Proceedings 17th Scientific Meeting, International Society for Magnetic Resonance in Medicine. 2009.

Homagk,A., Umathum,R., Korn,M., Weber,M., Hallscheidt,P., Semmler,W., Bock,M.: An Expandable Catheter Loop Coil for Intravascular MRI in Larger Blood Vessels. In: Proceedings 17th Scientific Meeting, International Society for Magnetic Resonance in Medicine. 2009.

Kirsch,S., Bachert,P.: Numerical study of the distant dipolar field. In: Proceedings 17th Scientific Meeting, International Society for Magnetic Resonance in Medicine. 2009.

Korn,M., Umathum,R., Schulz,J., Krafft,A., Semmler,W., Bock,M.: An Optically Detunable Coil for Improved Self Gating in Small Animals. In: Proceedings 17th Scientific Meeting, International Society for Magnetic Resonance in Medicine. 2009.

Krafft,A., Jenne,J., Maier,F., Krause,M., Martin-Villalba,A., Huber,P., Semmler,W., Bock,M.: Contrast Enhanced MRI Signal Dynamics of FUS-induced BBB Opening in Mouse Brain. In: Proceedings 17th Scientific Meeting, International Society for Magnetic Resonance in Medicine. 2009.

Krafft,A., Maier,F., Zamecnik,P., de Oliveira,A., Jenne,J., Stafford,R., Ahrar,K., Winkel,A., Semmler,W., Bock,M.: Automatic Passive Tracking of an Manually Steerable Instrument Holder for MR-guided Interventions Applied in LITT. In: Proceedings 17th Scientific Meeting, International Society for Magnetic Resonance in Medicine. 2009.

Maier,F., Krafft,A., de Oliveira,A., Semmler,W., Bock,M.: MRPen - 3D Marker Tracking for Percutaneous Interventions. In: Proceedings 17th Scientific Meeting, International Society for Magnetic Resonance in Medicine. 2009

Matthies,C., Nagel,A., Schad,L.R., Bachert,P.: Optimal choice of pulse phases in triple-quantum filtered sodium imaging in the presence of B0 inhomogeneities. In: Proceedings 17th Scientific Meeting, International Society for Magnetic Resonance in Medicine. 2009.

Nagel,A., Schmitter,S., Bock,M., Moser,E., Semmler,W., Schad,L.R.: Parameter Optimization for 7T 23Na-MRI. In: Proceedings 17th Scientific Meeting, International Society for Magnetic Resonance in Medicine. 2009.

Patil,S., Anders,J., Umatham,R., Bock,M., Boero,G., Scheffler,K.: The Interventional Device Tracking Using Miniaturized Micro Coils. In: Proceedings 17th Scientific Meeting, International Society for Magnetic Resonance in Medicine. 2009.

Peter,J.: Instrumentierungskonzepte zur multimodalen optischen Bildgebung im Kleintier. In: Proceedings Deutsche Physikalische Gesellschaft - Frühjahrstagung. 2009.

Rauschenberg,J., Zamecnik,P., Semmler,W., Bock,M.: Outer Volume Suppression for Three Different Steady State Sequences used in Percutaneous Interventions. In: Proceedings 17th Scientific Meeting, International Society for Magnetic Resonance in Medicine. 2009.

Schmitt,B., Amara,C., von Both,I., Bachert,P., Schulze,A.: New Insights into Mouse Brain Maturation as Assessed by 1H MRS at 7 Tesla. In: Proceedings 17th Scientific Meeting, International Society for Magnetic Resonance in Medicine. 2009.

Senkbeil,T., Unholtz,D., Breithaupt,M., Semmler,W., Peter,J.: Experimental Evaluation of a Microlens Array Based Optical Detector. In: Proceedings of the SMI/AMI World Molecular Imaging Conference. 2009.

Snyder,S., Schmitter,S., Nagel,A., Bachert,P.: In vivo Fourier Shifted Two-Dimensional Zero-Quantum Coherence 1H NMR Spectroscopy of Glutamate and Glutamine. In: Proceedings 17th Scientific Meeting, International Society for Magnetic Resonance in Medicine. 2009.

Stafford,R., Fetis,B., Roth,A., Lorenz,C., Krafft,A., Bock,M., Ahrar,K.: Tracking system for real-time MR-guided percutaneous interventions at 1.5T. In: Proceedings 17th Scientific Meeting, International Society for Magnetic Resonance in Medicine. 2009.

Peter,J.: Dual-modality preclinical PET-OI concepts and instrumentation. In: Multimodality Molecular Imaging of Small-Animals: Instrumentation and Applications. Springer, 2009.

Zechmann,C.M., Zamecnik,P., Bachert,P.: V - 2.13.1 Radiologische Diagnostik des Prostatakarzinoms. In: Onkologie - Grundlagen. Diagnostik. Therapie. Entwicklungen. Zeller,W.J., zur Hausen,H., Verlagsgruppe Hüthig Jehle Rehm, 1-23, 2009.