

1.	Vera Flocke , Katja Wegener, Tamara Straub, Maria Grandoch, Ulrich Flögel <i>MR-based phenotyping reveals early lipodystrophy in diet-induced obesity</i>
2.	Anna Bar , Brygida Marczyk, Anna Grochot-Przęczek, Stefan Chłopicki <i>MRI-based in vivo detection of the early changes in vascular phenotype in murine models</i>
3.	Barbara Sitek , Anna Bar, Stefan Chłopicki <i>Resolution of endothelial dysfunction in the course of endotoxemia in young and aged mice measured by MRI in vivo</i>
4.	Zofia Schneider , Agnieszka Słowik, Artur T. Krzyżak <i>Multiple sclerosis disrupts natural age-related changes in the brain - a DTI study</i>
5.	David Červený , Zuzana Berková, František Saudek, Kateřina Sulková, Dominik Havlíček, Vilém Neděla, Daniel Jirák <i>Visualisation of Pancreatic Islets transplanted into the greater omentum using an ECM skeleton as a supportive structure</i>
6.	Nicolas Stumpe , Tuba Güden-Silber, Rebekka Schneckmann, Katharina Wolters, Maria Grandoch, Ulrich Flögel <i>Non-invasive determination of oxygen partial pressure in ischemic tissue by ¹⁹F MR relaxometry</i>
7.	Pia Pötschner , Anja Nitzsche, Felix Schoknecht, Philipp Boehm-Sturm, Peter Vajkoczy, Ran Xu <i>PFCE in CX3Cr1 mice with Chronic Cranial Window after experimental Subarachnoid Hemorrhage</i>
8.	Armita Dash, Fong-Yu Cheng, Krzysztof Jasinski, David MacDonald, Boguslaw Tomanek, Frank C. J. M. van Veggel, Barbara Błasiak <i>Molecular Magnetic Resonance Imaging of Prostate Cancer using Targeted Core/Shell Nanoparticles</i>
9.	David MacDonald, Armita Dash, Frank C.J.M.van Veggel, BoguslawTomanek, Barbara Błasiak <i>Contrast Enhancement in MRI Using Combined Double Action Contrast Agents and Image Post-Processing in the Breast Cancer Model</i>
10.	Alvja Mali , Navya U. Nayak, Jessie van Doesburg, Remco Fokkink, N. Koen van Riessen, Robbin de Kruijf, Mangala Srinivas <i>Polymeric Particles Entrapping Perfluorocarbons: A Six-Year Stability Study</i>
11.	Dominik Havlíček , Vyshakh M. Panakkal, Ondrej Sedlacek, Daniel Jirak <i>Fluorinated Nanoparticles as Theranostic Platform for ¹⁹F MRI</i>
12.	Michał Wieteska , Lucyna Matuszewicz, Aleksander Czogalla, Grzegorz Domański, Piotr Bogorodzki <i>Innovative Liposomal Contrast Agent for Advanced MRI Diagnostics</i>
13.	Natalia Łopuszyńska , Krzysztof Szczepanowicz, Marta Szczęch, Krzysztof Jasiński, Kamil Stachurski, Katarzyna Kalita, Piotr Warszyński, Władysław P. Węglarz <i>Gadolinium labeled polyelectrolyte nanocapsules for drug delivery and MRI detection – MR investigation of the influence of shell composition on contrasting properties</i>
14.	Natalia Łopuszyńska , Kamil Stachurski, Terje Didriksen, Juan Yang, Anna Lind, Sacha Muller, Magdalena Regulska, Monika Leśkiewicz, Magdalena Prochner, Krzysztof Jasiński, Władysław Lasoń, Piotr Warszyński, Władysław P. Węglarz <i>Contrasting properties of hybrid nanosilica and cerium oxide nanoparticles for potential theranostic applications</i>
15.	Joachim Friske , Silvester J. Bartsch, Daniela Laimer-Gruber, Thomas Wanek, Claudia Kuntner-Hannes, Thomas H. Helbich, Katja Pinker <i>Comparison of two software packages to analyze preclinical dynamic contrast-enhanced MRI data to evaluate the angiogenic status of the tumor microenvironment in a xenograft breast cancer model</i>

16.	Monika Drabik , Michał Wieteska, Marlena Wełniak-Kamińska, Piotr Bogorodzki <i>Methodological issues of manganese-enhanced resonance imaging (MEMRI) and practical applications</i>
17.	Karolina Janiszewska , Grzegorz Domański, Wojciech Obrębski, Mateusz Midura, Michał Wieteska, Piotr Bogorodzki <i>A temperature-controlled NMR head for diffusion and relaxation measurements of water solutions of superparamagnetic particles (SPM) in low field MRI scanner</i>
18.	Sebastian Plona , Henryk Figiel, Katarzyna Lipka, Jolanta Gawlińska <i>The impact of technical innovations on the MRI image quality</i>
19.	Ewelina Baran , Piotr Kulinowski <i>3D printed pharmaceutical dosage forms and wound dressings studied by MRI methods</i>
20.	Natalina Makieieva , Teobald Kupka, Oimachmad Rachmonov, Leszek Stobiński <i>Theoretical prediction of NMR spectra for drug delivery systems</i>
21.	Teobald Kupka , Natalina Makieieva, Joanna Nackiewicz, Barbara Blicharska, Magdalena Witek <i>Black and green tea from the NMR point of view</i>