

# Moritz Wildgruber

## List of Publications by Year in descending order

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Version: 2024-02-01

149  
papers

4,886  
citations

147801

31  
h-index

110387

64  
g-index

152  
all docs

152  
docs citations

152  
times ranked

8003  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Baseline Interleukin-6 and -8 predict response and survival in patients with advanced hepatocellular carcinoma treated with sorafenib monotherapy: an exploratory post hoc analysis of the SORAMIC trial. <i>Journal of Cancer Research and Clinical Oncology</i> , 2022, 148, 475-485. | 2.5  | 13        |
| 2  | Correlation of liver enhancement in gadoxetic acid-enhanced MRI with liver functions: a multicenter-multivendor analysis of hepatocellular carcinoma patients from SORAMIC trial. <i>European Radiology</i> , 2022, 32, 1320-1329.  | 4.5  | 5         |
| 3  | Correspondence on 'Thrombectomy in special populations: report of the Society of NeuroInterventional Surgery Standards and Guidelines Committee' by Al-Mufti <i>et al</i> . <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 414-415.  | 3.3  | 1         |
| 4  | Stent-graft placement for hepatic arterial bleeding: assessment of technical efficacy and clinical outcome in a tertiary care center. <i>Hpb</i> , 2022, 24, 672-680.   | 0.3  | 4         |
| 5  | Cerebrovascular Collateral Integrity in Pediatric Large Vessel Occlusion. <i>Neurology</i> , 2022, 98, .  | 1.1  | 10        |
| 6  | Fingerprints of Element Concentrations in Infective Endocarditis Obtained by Mass Spectrometric Imaging and t-Distributed Stochastic Neighbor Embedding. <i>ACS Infectious Diseases</i> , 2022, 8, 360-372.   | 3.8  | 5         |
| 7  | Cost-Effectiveness of Endovascular Thrombectomy in Childhood Stroke: An Analysis of the Save ChildS Study. <i>Journal of Stroke</i> , 2022, 24, 138-147.  | 3.2  | 3         |
| 8  | Interventional recanalization therapy in patients with non-cirrhotic, non-malignant portal vein thrombosis: comparison between transjugular versus transhepatic access. <i>Abdominal Radiology</i> , 2022, 47, 1177-1186.   | 2.1  | 4         |
| 9  | Childhood stroke. <i>Nature Reviews Disease Primers</i> , 2022, 8, 12.  | 30.5 | 24        |
| 10 | Semi-Automatic MRI Feature Assessment in Small- and Medium-Volume Benign Prostatic Hyperplasia after Prostatic Artery Embolization. <i>Diagnostics</i> , 2022, 12, 585.   | 2.6  | 1         |
| 11 | Interventional Treatment Options in Children with Extracranial Vascular Malformations. <i>Hamostaseologie</i> , 2022, 42, 131-141.  | 1.9  | 5         |
| 12 | In vivo imaging of microenvironmental and anti-PD-L1-mediated dynamics in cancer using S100A8/S100A9 as an imaging biomarker. <i>Neoplasia</i> , 2022, 28, 100792.  | 5.3  | 2         |
| 13 | Image-Guided Embolotherapy of Arteriovenous Malformations of the Face. <i>CardioVascular and Interventional Radiology</i> , 2022, 45, 992-1000.   | 2.0  | 8         |
| 14 | Diffusion-Weighted Imaging Prior to Percutaneous Sclerotherapy of Venous Malformations—Proof of Concept Study for Prediction of Clinical Outcome. <i>Diagnostics</i> , 2022, 12, 1430.  | 2.6  | 2         |
| 15 | Efficacy of $^{90}\text{Y}$ -Radioembolization in Metastatic Colorectal Cancer Depending on the Primary Tumor Side. <i>Digestive Diseases</i> , 2021, 39, 351-357.  | 1.9  | 3         |
| 16 | Fluoroscopy-guided endoscopic sclerotherapy: a novel hybrid approach for symptomatic rectosigmoidal venous malformation (with video). <i>Gastrointestinal Endoscopy</i> , 2021, 93, 496-502.  | 1.0  | 1         |
| 17 | Small thrombus size, thrombus composition, and poor collaterals predict pre-interventional thrombus migration. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 409-414.   | 3.3  | 11        |
| 18 | Bleomycin electrothrombolysis in therapy-resistant venous malformations of the body. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , 2021, 9, 731-739.   | 1.6  | 16        |

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|----|--|-----|-----------|
| 19 | Additive value of transarterial embolization to systemic sirolimus treatment in kaposiform hemangioendothelioma. <i>International Journal of Cancer</i> , 2021, 148, 2345-2351.  | 5.1 | 22        |
| 20 | Analysis of failed therapy evaluations in radioembolization of primary and secondary liver cancers. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 1537-1545.                                    | 2.5 | 1         |
| 21 | Clinical Diffusion Mismatch to Select Pediatric Patients for Embolectomy 6 to 24 Hours After Stroke. <i>Neurology</i> , 2021, 96, e343-e351.   | 1.1 | 22        |
| 22 | Value Improvement by Assessing IR Care via Time-Driven Activity-Based Costing. <i>Journal of Vascular and Interventional Radiology</i> , 2021, 32, 262-269.  | 0.5 | 8         |
| 23 | Safety and Angiographic Efficacy of Intra-Arterial Fibrinolytics as Adjunct to Mechanical Thrombectomy: Results from the INFINITY Registry. <i>Journal of Stroke</i> , 2021, 23, 91-102.                               | 3.2 | 16        |
| 24 | Evaluation of impact of elective invasive examinations in patients with transjugular intrahepatic portosystemic shunt in the long-term follow up. <i>Zeitschrift Fur Gastroenterologie</i> , 2021, 59, 24-34.          | 0.5 | 2         |
| 25 | S100A9-Imaging Enables Estimation of Early Therapy-Mediated Changes in the Inflammatory Tumor Microenvironment. <i>Biomedicines</i> , 2021, 9, 29.   | 3.2 | 1         |
| 26 | Imaging-based prediction of histological clot composition from admission CT imaging. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 1053-1057.  | 3.3 | 21        |
| 27 | CT-Guided Percutaneous Drainage of Pneumoperitoneum Presenting as Acute Abdomen. <i>Journal of Vascular and Interventional Radiology</i> , 2021, 32, 271-276.  | 0.5 | 1         |
| 28 | iRESCUE – Interventional embolization of Renal artEries after SurgiCal or traUmatic injury with hEmorrhage. <i>European Journal of Radiology</i> , 2021, 136, 109540.  | 2.6 | 5         |
| 29 | Tumor-Associated Macrophages – Implications for Molecular Oncology and Imaging. <i>Biomedicines</i> , 2021, 9, 374.  | 3.2 | 10        |
| 30 | Exploring the Influence of Different Albumin Binders on Molecular Imaging Probe Distribution. <i>Molecular Pharmaceutics</i> , 2021, 18, 2574-2585.  | 4.6 | 10        |
| 31 | Mosaic <i>RASopathy</i> due to <i>KRAS</i> variant <i>G12D</i> with segmental overgrowth and associated peripheral vascular malformations. <i>American Journal of Medical Genetics, Part A</i> , 2021, 185, 3122-3128. | 1.2 | 11        |
| 32 | Cost-Effectiveness Analysis of Local Treatment in Oligometastatic Disease. <i>Frontiers in Oncology</i> , 2021, 11, 667993.  | 2.8 | 4         |
| 33 | Prognostic value of baseline interleukin 6 levels in liver decompensation and survival in HCC patients undergoing radioembolization. <i>EJNMMI Research</i> , 2021, 11, 51.  | 2.5 | 7         |
| 34 | Current treatment for childhood arterial ischaemic stroke. <i>The Lancet Child and Adolescent Health</i> , 2021, 5, 825-836.   | 5.6 | 16        |
| 35 | Percutaneous Sclerotherapy of Venous Malformations of the Hand: A Multicenter Analysis. <i>CardioVascular and Interventional Radiology</i> , 2021, 44, 1543-1550.  | 2.0 | 14        |
| 36 | In vivo optical molecular imaging of inflammation and immunity. <i>Journal of Molecular Medicine</i> , 2021, 99, 1385-1398.  | 3.9 | 17        |

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|----|--|-----|-----------|
| 37 | How Different Albumin-Binders Drive Probe Distribution of Fluorescent RGD Mimetics. <i>Frontiers in Chemistry</i> , 2021, 9, 689850.   | 3.6 | 5         |
| 38 | Portal vein thrombosis associated with ChAdOx1 nCov-19 vaccination. <i>The Lancet Gastroenterology and Hepatology</i> , 2021, 6, 676.  | 8.1 | 13        |
| 39 | Animal Models of Neointimal Hyperplasia and Restenosis. <i>JACC Basic To Translational Science</i> , 2021, 6, 900-917.   | 4.1 | 17        |
| 40 | Multispectral optoacoustic tomography of lipid and hemoglobin contrast in human carotid atherosclerosis. <i>Photoacoustics</i> , 2021, 23, 100283.   | 7.8 | 28        |
| 41 | Safety and Effectiveness of Ethylene Vinyl Alcohol Copolymer Embolization of Peripheral High-Flow Arteriovenous Malformations: Results of a Prospective Study. <i>Journal of Vascular and Interventional Radiology</i> , 2021, 32, 1644-1653.e1. | 0.5 | 11        |
| 42 | Lower Ratio of Liver Volume and Body Weight Is a Negative Predictor of Survival after Transjugular Intrahepatic Portosystemic Shunt. <i>Journal of Personalized Medicine</i> , 2021, 11, 903.  | 2.5 | 2         |
| 43 | A Prospective Multicenter Registry on Feasibility, Safety, and Outcome of Endovascular Recanalization in Childhood Stroke (Save ChildS Pro). <i>Frontiers in Neurology</i> , 2021, 12, 736092.   | 2.4 | 11        |
| 44 | Single-Center Prospective Cohort Study on the Histopathology, Genotype, and Postsurgical Outcomes of Patients With Primary Aldosteronism. <i>Hypertension</i> , 2021, 78, 738-746.   | 2.7 | 35        |
| 45 | Combined Transarterial Embolization and Percutaneous Sclerotherapy as Treatment for Refractory and Nonresectable Aneurysmal Bone Cysts. <i>Journal of Vascular and Interventional Radiology</i> , 2021, 32, 1425-1434.e2.                        | 0.5 | 8         |
| 46 | Molecular Imaging of Immunity and Inflammation and Its Impact on Precision Medicine. <i>Biomedicines</i> , 2021, 9, 62.  | 3.2 | 0         |
| 47 | Multispectral optoacoustic tomography of peripheral arterial disease based on muscle hemoglobin gradients—a pilot clinical study. <i>Annals of Translational Medicine</i> , 2021, 9, 36-36.  | 1.7 | 23        |
| 48 | Portal and hepatic vein embolization prior to major hepatectomy. <i>Zeitschrift Fur Gastroenterologie</i> , 2021, 59, 35-42.   | 0.5 | 3         |
| 49 | Recurrence of Hepatic Encephalopathy after TIPS: Effective Prophylaxis with Combination of Lactulose and Rifaximin. <i>Journal of Clinical Medicine</i> , 2021, 10, 4763.  | 2.4 | 11        |
| 50 | Resolving immune cells with patrolling behaviour by magnetic resonance time-lapse single cell tracking. <i>EBioMedicine</i> , 2021, 73, 103670.  | 6.1 | 5         |
| 51 | Multiparametric Magnetic Resonance Imaging for Immediate Target Hit Assessment of CD133-Targeted Tissue Factor tTF-NGR in Advanced Malignant Disease. <i>Cancers</i> , 2021, 13, 5880.   | 3.7 | 4         |
| 52 | Imaging of peripheral vascular malformations — current concepts and future perspectives. <i>Molecular and Cellular Pediatrics</i> , 2021, 8, 19.   | 1.8 | 16        |
| 53 | Target-Specific Imaging of Cathepsin and S100A8/A9 Reflects Specific Features of Malignancy and Enables Estimation of Tumor Malignancy. <i>Molecular Imaging and Biology</i> , 2020, 22, 66-72.  | 2.6 | 3         |
| 54 | Feasibility, Safety, and Outcome of Endovascular Recanalization in Childhood Stroke. <i>JAMA Neurology</i> , 2020, 77, 25.   | 9.0 | 107       |

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|----|--|-----|-----------|
| 55 | Cardiac CT in the Preoperative Diagnostics of Neonates with Congenital Heart Disease: Radiation Dose Optimization by Omitting Test Bolus or Bolus Tracking. <i>Academic Radiology</i> , 2020, 27, e102-e108.                         | 2.5 | 9         |
| 56 | Mass Spectrometry Imaging of atherosclerosis-affine Gadofluorine following Magnetic Resonance Imaging. <i>Scientific Reports</i> , 2020, 10, 79.   | 3.3 | 9         |
| 57 | Targeting Endothelin Receptors in a Murine Model of Myocardial Infarction Using a Small Molecular Fluorescent Probe. <i>Molecular Pharmaceutics</i> , 2020, 17, 109-117.   | 4.6 | 9         |
| 58 | Prognostic Factors for Overall Survival in Advanced Intrahepatic Cholangiocarcinoma Treated with Yttrium-90 Radioembolization. <i>Journal of Clinical Medicine</i> , 2020, 9, 56.  | 2.4 | 35        |
| 59 | Shunt-Induced Hepatic Encephalopathy in TIPS: Current Approaches and Clinical Challenges. <i>Journal of Clinical Medicine</i> , 2020, 9, 3784.   | 2.4 | 32        |
| 60 | Monitoring Endothelin-A Receptor Expression during the Progression of Atherosclerosis. <i>Biomedicines</i> , 2020, 8, 538.   | 3.2 | 1         |
| 61 | Tracking of Tumor Cell-Derived Extracellular Vesicles In Vivo Reveals a Specific Distribution Pattern with Consecutive Biological Effects on Target Sites of Metastasis. <i>Molecular Imaging and Biology</i> , 2020, 22, 1501-1510. | 2.6 | 13        |
| 62 | Clinical and Imaging Characteristics in Patients with SARS-CoV-2 Infection and Acute Intracranial Hemorrhage. <i>Journal of Clinical Medicine</i> , 2020, 9, 2543.   | 2.4 | 39        |
| 63 | MR imaging of venous malformations: sciatic nerve infiltration patterns and involved muscle groups. <i>Scientific Reports</i> , 2020, 10, 14618.   | 3.3 | 3         |
| 64 | Letter on "Predicting Recovery and Outcome after Pediatric Stroke: Results from the International Pediatric Stroke Study". <i>Annals of Neurology</i> , 2020, 88, 201-202.   | 5.3 | 0         |
| 65 | Letter by Sporns et al Regarding Article, "Organizing for Acute Arterial Ischemic Stroke in Children". <i>Stroke</i> , 2020, 51, e36.  | 2.0 | 2         |
| 66 | Volumetric Optoacoustic Tomography Differentiates Myocardial Remodelling. <i>Molecular Imaging and Biology</i> , 2020, 22, 1235-1243.  | 2.6 | 5         |
| 67 | First-In-Class CD13-Targeted Tissue Factor tTF-NGR in Patients with Recurrent or Refractory Malignant Tumors: Results of a Phase I Dose-Escalation Study. <i>Cancers</i> , 2020, 12, 1488.   | 3.7 | 15        |
| 68 | Safety and effectiveness of percutaneous sclerotherapy for venous disorders of the labia majora in patients with vascular malformations. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , 2020, 8, 1083-1089.    | 1.6 | 3         |
| 69 | Isolating Crucial Steps in Induction of Infective Endocarditis With Preclinical Modeling of Host Pathogen Interaction. <i>Frontiers in Microbiology</i> , 2020, 11, 1325.  | 3.5 | 11        |
| 70 | Does Device Selection Impact Recanalization Rate and Neurological Outcome?. <i>Stroke</i> , 2020, 51, 1182-1189.   | 2.0 | 22        |
| 71 | TIPS Modification in the Management of Shunt-Induced Hepatic Encephalopathy: Analysis of Predictive Factors and Outcome with Shunt Modification. <i>Journal of Clinical Medicine</i> , 2020, 9, 567.                                 | 2.4 | 18        |
| 72 | Soft ultrasound priors in optoacoustic reconstruction: Improving clinical vascular imaging. <i>Photoacoustics</i> , 2020, 19, 100172.  | 7.8 | 26        |

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|----|--|-----|-----------|
| 73 | Prognostic Value of Non-Contrast CT Markers and Spot Sign for Outcome Prediction in Patients with Intracerebral Hemorrhage under Oral Anticoagulation. <i>Journal of Clinical Medicine</i> , 2020, 9, 1077.                                    | 2.4 | 5         |
| 74 | 90-day mortality is lower after as compared to before transjugular intrahepatic portosystemic shunt at the same model for end-stage liver disease score. <i>Journal of Hepatology</i> , 2020, 73, S706-S708.                                   | 3.7 | 0         |
| 75 | Optical and Optoacoustic Imaging Probes. <i>Recent Results in Cancer Research</i> , 2020, 216, 337-355.  | 1.8 | 0         |
| 76 | Histological Clot Composition Is Associated With Preinterventional Clot Migration in Acute Stroke Patients. <i>Stroke</i> , 2019, 50, 2065-2071.   | 2.0 | 33        |
| 77 | Target-Specific Fluorescence-Mediated Tomography for Non-Invasive and Dynamic Assessment of Early Neutrophil Infiltration in Murine Experimental Colitis. <i>Cells</i> , 2019, 8, 1328.  | 4.1 | 3         |
| 78 | Vascular tumors in infants and adolescents. <i>Insights Into Imaging</i> , 2019, 10, 30.   | 3.4 | 60        |
| 79 | Intra-arterial catheter-directed CT angiography for assessment of endovascular aortic aneurysm repair. <i>PLoS ONE</i> , 2019, 14, e0221375.   | 2.5 | 2         |
| 80 | Introducing Specificity to Iron Oxide Nanoparticle Imaging by Combining <sup>57</sup> Fe-Based MRI and Mass Spectrometry. <i>Nano Letters</i> , 2019, 19, 7908-7917.   | 9.1 | 26        |
| 81 | Multispectral Optoacoustic Tomography: Intra- and Interobserver Variability Using a Clinical Hybrid Approach. <i>Journal of Clinical Medicine</i> , 2019, 8, 63.   | 2.4 | 22        |
| 82 | Optoacoustic properties of Doxorubicin – A pilot study. <i>PLoS ONE</i> , 2019, 14, e0217576.  | 2.5 | 3         |
| 83 | Intraosseous contrast administration for emergency computed tomography: A case-control study. <i>PLoS ONE</i> , 2019, 14, e0217629.  | 2.5 | 7         |
| 84 | Multispectral Optoacoustic Tomography of Benign and Malignant Thyroid Disorders: A Pilot Study. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1461-1466.  | 5.0 | 48        |
| 85 | SNR analysis of contrast-enhanced MR imaging for early detection of rheumatoid arthritis. <i>PLoS ONE</i> , 2019, 14, e0213082.  | 2.5 | 3         |
| 86 | Cardiovascular optoacoustics: From mice to men – A review. <i>Photoacoustics</i> , 2019, 14, 19-30.  | 7.8 | 72        |
| 87 | 3D grating-based X-ray phase-contrast computed tomography for high-resolution quantitative assessment of cartilage: An experimental feasibility study with 3T MRI, 7T MRI and biomechanical correlation. <i>PLoS ONE</i> , 2019, 14, e0212106. | 2.5 | 9         |
| 88 | Thrombectomy in Childhood Stroke. <i>Journal of the American Heart Association</i> , 2019, 8, e011335.   | 3.7 | 42        |
| 89 | Comparison of Standard CT- angiography vs. Intra-arterial Lowdose CT Angiography for Planning and Follow-up After Endovascular Aortic Repair. <i>European Journal of Vascular and Endovascular Surgery</i> , 2019, 58, e622-e623.              | 1.5 | 0         |
| 90 | Escalating interventional recanalization therapy in non-cirrhotic, non-malignant acute portal vein thrombosis. <i>European Journal of Gastroenterology and Hepatology</i> , 2019, 31, 1584-1591.   | 1.6 | 14        |

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|-----|--|------|-----------|
| 91  | Impact of Childhood Arterial Ischemic Stroke Standardized Classification and Diagnostic Evaluation Classification on Further Course of Arteriopathy and Recurrence of Childhood Stroke. <i>Stroke</i> , 2019, 50, 83-87. | 2.0  | 25        |
| 92  | The beginning of the end for conventional RECIST “ novel therapies require novel imaging approaches. <i>Nature Reviews Clinical Oncology</i> , 2019, 16, 442-458.  | 27.6 | 97        |
| 93  | Noninvasive quantitative assessment of microcirculatory disorders of the upper extremities with 2D fluorescence optical imaging. <i>Clinical Hemorheology and Microcirculation</i> , 2018, 70, 69-81.                    | 1.7  | 9         |
| 94  | Impact of low dose settings on radiation exposure during pediatric fluoroscopic guided interventions. <i>European Journal of Radiology</i> , 2018, 100, 1-6.   | 2.6  | 6         |
| 95  | Vascular Anomalies (Part II): Interventional Therapy of Peripheral Vascular Malformations. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2018, 190, 927-937.              | 1.3  | 56        |
| 96  | Multispectral optoacoustic tomography of the human breast: characterisation of healthy tissue and malignant lesions using a hybrid ultrasound-optoacoustic approach. <i>European Radiology</i> , 2018, 28, 602-609.      | 4.5  | 76        |
| 97  | Use of Multispectral Optoacoustic Tomography to Diagnose Vascular Malformations. <i>JAMA Dermatology</i> , 2018, 154, 1457.  | 4.1  | 46        |
| 98  | Current and Emerging Preclinical Approaches for Imaging-Based Characterization of Atherosclerosis. <i>Molecular Imaging and Biology</i> , 2018, 20, 869-887.   | 2.6  | 19        |
| 99  | Triage of 5 Noncontrast Computed Tomography Markers and Spot Sign for Outcome Prediction After Intracerebral Hemorrhage. <i>Stroke</i> , 2018, 49, 2317-2322.  | 2.0  | 36        |
| 100 | Multispectral optoacoustic tomography of systemic sclerosis. <i>Journal of Biophotonics</i> , 2018, 11, e201800155.  | 2.3  | 37        |
| 101 | Temporal window for detection of inflammatory disease using dynamic cell tracking with time-lapse MRI. <i>Scientific Reports</i> , 2018, 8, 9563.  | 3.3  | 13        |
| 102 | Molecular imaging of myocardial infarction with Gadofluorine P “ A combined magnetic resonance and mass spectrometry imaging approach. <i>Heliyon</i> , 2018, 4, e00606.   | 3.2  | 12        |
| 103 | Vascular Anomalies (Part I): Classification and Diagnostics of Vascular Anomalies. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2018, 190, 825-835.                      | 1.3  | 101       |
| 104 | Fluorescence molecular tomography of DiR-labeled mesenchymal stem cell implants for osteochondral defect repair in rabbit knees. <i>European Radiology</i> , 2017, 27, 1105-1113.  | 4.5  | 14        |
| 105 | Characteristics and outcome of patients presenting to the emergency department after autologous/allogeneic stem cell transplantation. <i>European Journal of Emergency Medicine</i> , 2017, 24, 435-442.                 | 1.1  | 7         |
| 106 | Targeting Elastase for Molecular Imaging of Early Atherosclerotic Lesions. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 525-533.  | 2.4  | 22        |
| 107 | Fluorescence optical imaging and 3T-MRI for detection of synovitis in patients with rheumatoid arthritis in comparison to a composite standard of reference. <i>European Journal of Radiology</i> , 2017, 90, 6-13.      | 2.6  | 14        |
| 108 | Integrin-Targeted Hybrid Fluorescence Molecular Tomography/X-ray Computed Tomography for Imaging Tumor Progression and Early Response in Non-Small Cell Lung Cancer. <i>Neoplasia</i> , 2017, 19, 8-16.                  | 5.3  | 17        |

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|-----|---|------|-----------|
| 109 | Computed tomography versus digital subtraction angiography for the diagnosis of obscure gastrointestinal bleeding. <i>European Journal of Radiology</i> , 2017, 88, 8-14.   | 2.6  | 12        |
| 110 | Catheter Rupture Is Due to Material Fatigue of the Implanted Silicone Catheters. <i>American Journal of Roentgenology</i> , 2017, 209, W198-W198.   | 2.2  | 1         |
| 111 | Detection of intramyocardially injected DiR-labeled mesenchymal stem cells by optical and optoacoustic tomography. <i>Photoacoustics</i> , 2017, 6, 37-47.  | 7.8  | 17        |
| 112 | Embolization Therapy for Pancreas-Related Bleeding. <i>Pancreas</i> , 2017, 46, e22-e23.  | 1.1  | 4         |
| 113 | Ethanolgel sclerotherapy of venous malformations improves health-related quality-of-life in adults and children – results of a prospective study. <i>European Radiology</i> , 2017, 27, 2482-2488.  | 4.5  | 34        |
| 114 | Fluorescence-mediated Tomography for the Detection and Quantification of Macrophage-related Murine Intestinal Inflammation. <i>Journal of Visualized Experiments</i> , 2017, , .  | 0.3  | 2         |
| 115 | Characterization of Cardiac Dynamics in an Acute Myocardial Infarction Model by Four-Dimensional Optoacoustic and Magnetic Resonance Imaging. <i>Theranostics</i> , 2017, 7, 4470-4479.   | 10.0 | 26        |
| 116 | The “Intermediate” CD14 <sup>++</sup> CD16 <sup>+</sup> monocyte subset increases in severe peripheral artery disease in humans. <i>Scientific Reports</i> , 2016, 6, 39483.  | 3.3  | 83        |
| 117 | Polyurethane versus silicone catheters for central venous port devices implanted at the forearm. <i>European Journal of Cancer</i> , 2016, 59, 113-124.   | 2.8  | 62        |
| 118 | Mechanic and surface properties of central-venous port catheters after removal: A comparison of polyurethane and silicon rubber materials. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 64, 281-291.                                     | 3.1  | 38        |
| 119 | Increased intermediate CD14 <sup>++</sup> CD16 <sup>++</sup> monocyte subset levels associate with restenosis after peripheral percutaneous transluminal angioplasty. <i>Atherosclerosis</i> , 2016, 253, 128-134.  | 0.8  | 20        |
| 120 | 3D non-contrast-enhanced ECG-gated MR angiography of the lower extremities with dual-source radiofrequency transmission at 3.0 T: Intraindividual comparison with contrast-enhanced MR angiography in PAOD patients. <i>European Radiology</i> , 2016, 26, 2871-2880. | 4.5  | 9         |
| 121 | Severe Adverse Reaction During DMSO Injection for Onyx Embolization of a Thoracic Type II Endoleak. <i>CardioVascular and Interventional Radiology</i> , 2016, 39, 144-145.   | 2.0  | 5         |
| 122 | Direct Effective Dose Calculations in Pediatric Fluoroscopy-Guided Abdominal Interventions with Rando-Alderson Phantoms – Optimization of Preset Parameter Settings. <i>PLoS ONE</i> , 2016, 11, e0161806.  | 2.5  | 8         |
| 123 | Spatially Resolved Quantification of Gadolinium(III)-Based Magnetic Resonance Agents in Tissue by MALDI Imaging Mass Spectrometry after In Vivo MRI. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4279-4283.  | 13.8 | 24        |
| 124 | Short-term and long-term outcome of radiological-guided insertion of central venous access port devices implanted at the forearm: a retrospective monocenter analysis in 1704 patients. <i>European Radiology</i> , 2015, 25, 606-616.                                | 4.5  | 25        |
| 125 | Multimodality Multiparametric Imaging of Early Tumor Response to a Novel Antiangiogenic Therapy Based on Anticalins. <i>PLoS ONE</i> , 2014, 9, e94972.   | 2.5  | 13        |
| 126 | Assessment of Myocardial Infarction and Postinfarction Scar Remodeling With an Elastin-Specific Magnetic Resonance Agent. <i>Circulation: Cardiovascular Imaging</i> , 2014, 7, 321-329.  | 2.6  | 41        |



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|-----|---|------|-----------|
| 127 | Single-Dose Gadobutrol in Comparison With Single-Dose Gadobenate Dimeglumine for Magnetic Resonance Imaging of Chronic Myocardial Infarction at 3 T. <i>Investigative Radiology</i> , 2014, 49, 728-734.  | 6.2  | 15        |
| 128 | Perivascular epitheloid cell tumor (PEComa) mimicking retroperitoneal liposarcoma. <i>World Journal of Surgical Oncology</i> , 2014, 12, 3.   | 1.9  | 13        |
| 129 | Synovitis in Patients with Early Inflammatory Arthritis Monitored with Quantitative Analysis of Dynamic Contrast-enhanced Optical Imaging and MR Imaging. <i>Radiology</i> , 2014, 270, 176-185.  | 7.3  | 45        |
| 130 | Direct Brain Control and Communication in Paralysis. <i>Brain Topography</i> , 2014, 27, 4-11.  | 1.8  | 52        |
| 131 | Multispectral optoacoustic tomography of myocardial infarction. <i>Photoacoustics</i> , 2013, 1, 3-8.   | 7.8  | 61        |
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