

# Thomas Krncke

## List of Publications by Citations

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103  
papers

1,976  
citations

26  
h-index

39  
g-index

142  
ext. papers

2,415  
ext. citations

3.9  
avg, IF

4.42  
L-index

#	Paper	IF	Citations
103	Magnetic resonance imaging of the upper abdomen using a free-breathing T2-weighted turbo spin echo sequence with navigator triggered prospective acquisition correction. <i>Journal of Magnetic Resonance Imaging</i> , <b>2005</b> , 21, 576-82	5.6	98
102	Whole-Body MR Imaging in the German National Cohort: Rationale, Design, and Technical Background. <i>Radiology</i> , <b>2015</b> , 277, 206-20	20.5	92
101	MR elastography of the liver and the spleen using a piezoelectric driver, single-shot wave-field acquisition, and multifrequency dual parameter reconstruction. <i>Magnetic Resonance in Medicine</i> , <b>2014</b> , 71, 267-77	4.4	85
100	Effect of sildenafil on digital ulcers in systemic sclerosis: analysis from a single centre pilot study. <i>Annals of the Rheumatic Diseases</i> , <b>2010</b> , 69, 1475-8	2.4	81
99	Uterine artery embolization for leiomyomas: percentage of infarction predicts clinical outcome. <i>Radiology</i> , <b>2010</b> , 255, 834-41	20.5	81
98	Outcome of uterine artery embolization versus MR-guided high-intensity focused ultrasound treatment for uterine fibroids: long-term results. <i>European Journal of Radiology</i> , <b>2013</b> , 82, 2265-9	4.7	66
97	Multifocal nodular fatty infiltration of the liver mimicking metastatic disease on CT: imaging findings and diagnosis using MR imaging. <i>European Radiology</i> , <b>2000</b> , 10, 1095-100	8	60
96	Uterine arterial embolization with tris-acryl gelatin microspheres: a histopathologic evaluation. <i>American Journal of Surgical Pathology</i> , <b>2005</b> , 29, 955-61	6.7	51
95	Three-dimensional gadolinium-enhanced magnetic resonance venography in suspected thrombo-occlusive disease of the central chest veins. <i>Chest</i> , <b>2001</b> , 120, 1570-6	5.3	51
94	Plasma bile acids are associated with energy expenditure and thyroid function in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2012</b> , 97, 535-42	5.6	49
93	Magnetic resonance cholangiopancreatography using a free-breathing T2-weighted turbo spin-echo sequence with navigator-triggered prospective acquisition correction. <i>Magnetic Resonance Imaging</i> , <b>2005</b> , 23, 939-45	3.3	49
92	In vivo abdominal magnetic resonance elastography for the assessment of portal hypertension before and after transjugular intrahepatic portosystemic shunt implantation. <i>Investigative Radiology</i> , <b>2015</b> , 50, 347-51	10.1	45
91	Uterine artery embolization for symptomatic adenomyosis with or without uterine leiomyomas with the use of calibrated tris-acryl gelatin microspheres: midterm clinical and MR imaging follow-up. <i>Journal of Vascular and Interventional Radiology</i> , <b>2007</b> , 18, 835-41	2.4	45
90	Uterine fibroids: contrast-enhanced MR angiography to predict ovarian artery supply--initial experience. <i>Radiology</i> , <b>2006</b> , 241, 181-9	20.5	44
89	Comparison of the iron oxide-based blood-pool contrast medium VSOP-C184 with gadopentetate dimeglumine for first-pass magnetic resonance angiography of the aorta and renal arteries in pigs. <i>Investigative Radiology</i> , <b>2004</b> , 39, 546-53	10.1	43
88	Impact of Ga-68 DOTATOC PET/CT on the diagnosis and treatment of patients with multiple endocrine neoplasia. <i>Annals of Nuclear Medicine</i> , <b>2012</b> , 26, 738-43	2.5	42
87	Gadobenate dimeglumine-enhanced MR angiography of the abdominal aorta and renal arteries. <i>American Journal of Roentgenology</i> , <b>2002</b> , 179, 1573-82	5.4	41

86	Appearance of hepatocellular adenomas on gadoxetic acid-enhanced MRI. <i>European Radiology</i> , <b>2012</b> , 22, 1769-75	8	38
85	Clinical long-term outcome after uterine artery embolization: sustained symptom control and improvement of quality of life. <i>Journal of Vascular and Interventional Radiology</i> , <b>2013</b> , 24, 765-71	2.4	35
84	Image quality of noninvasive coronary angiography using multislice spiral computed tomography and electron-beam computed tomography: intraindividual comparison in an animal model. <i>Investigative Radiology</i> , <b>2004</b> , 39, 357-64	10.1	34
83	Impact of neoadjuvant transarterial chemoembolization on tumor recurrence and patient survival after liver transplantation for hepatocellular carcinoma: a retrospective analysis. <i>Clinical Transplantation</i> , <b>2012</b> , 26, 764-74	3.8	31
82	Early experience with the new endovascular aneurysm sealing system Nellix: First clinical results after 50 implantations. <i>Vascular</i> , <b>2016</b> , 24, 339-47	1.3	29
81	Acrylamido polyvinyl alcohol microspheres for uterine artery embolization: 12-month clinical and MR imaging results. <i>Journal of Vascular and Interventional Radiology</i> , <b>2008</b> , 19, 47-57	2.4	29
80	ECG-gated quiescent-interval single-shot MR angiography of the lower extremities: initial experience at 3 T. <i>Clinical Radiology</i> , <b>2014</b> , 69, 485-91	2.9	28
79	Effect of uterine artery embolization on uterine and leiomyoma perfusion: evidence of transient myometrial ischemia on magnetic resonance imaging. <i>Journal of Vascular and Interventional Radiology</i> , <b>2010</b> , 21, 1347-53	2.4	27
78	Plasma levels following application of paclitaxel-coated balloon catheters in patients with stenotic or occluded femoropopliteal arteries. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , <b>2011</b> , 183, 448-55	2.3	27
77	Uterine artery embolization to treat uterine adenomyosis with or without uterine leiomyomata: results of symptom control and health-related quality of life 40 months after treatment. <i>CardioVascular and Interventional Radiology</i> , <b>2012</b> , 35, 523-9	2.7	26
76	Uterine artery embolization for symptomatic fibroids: short-term versus mid-term changes in disease-specific symptoms, quality of life and magnetic resonance imaging results. <i>Human Reproduction</i> , <b>2006</b> , 21, 3270-7	5.7	26
75	Towards compression-sensitive magnetic resonance elastography of the liver: sensitivity of harmonic volumetric strain to portal hypertension. <i>Journal of Magnetic Resonance Imaging</i> , <b>2014</b> , 39, 298-306	5.6	24
74	Early postoperative ultrasound of kidney transplants: evaluation of contrast medium dynamics using time-intensity curves. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , <b>2004</b> , 176, 472-7	2.3	24
73	Gadolinium-enhanced three-dimensional magnetic resonance angiography versus conventional digital subtraction angiography: which modality is superior in evaluating living kidney donors?. <i>Transplantation</i> , <b>2003</b> , 76, 1000-2	1.8	22
72	Nonenhanced peripheral MR-angiography (MRA) at 3 Tesla: evaluation of quiescent-interval single-shot MRA in patients undergoing digital subtraction angiography. <i>International Journal of Cardiovascular Imaging</i> , <b>2015</b> , 31, 841-50	2.5	21
71	Midterm results after uterine artery embolization versus MR-guided high-intensity focused ultrasound treatment for symptomatic uterine fibroids. <i>CardioVascular and Interventional Radiology</i> , <b>2013</b> , 36, 1508-1513	2.7	21
70	Gadobenate dimeglumine-enhanced MR angiography: Diagnostic performance of four doses for detection and grading of carotid, renal, and aorto-iliac stenoses compared to digital subtraction angiography. <i>Journal of Magnetic Resonance Imaging</i> , <b>2007</b> , 26, 1020-32	5.6	18
69	Treatment failure after uterine artery embolization: prospective cohort study with multifactorial analysis of possible predictors of long-term outcome. <i>European Journal of Radiology</i> , <b>2012</b> , 81, e727-31	4.7	17

68	Uterine artery embolization for symptomatic fibroids: long-term changes in disease-specific symptoms and quality of life. <i>Human Reproduction</i> , <b>2011</b> , 26, 2036-42	5.7	17
67	Technical eligibility for treatment of magnetic resonance-guided focused ultrasound surgery. <i>CardioVascular and Interventional Radiology</i> , <b>2014</b> , 37, 445-50	2.7	16
66	Diagnostic performance of a Near-Infrared Breast Imaging system as adjunct to mammography versus X-ray mammography alone. <i>European Radiology</i> , <b>2012</b> , 22, 350-7	8	15
65	Imaging pediatric gastrointestinal stromal tumor (GIST). <i>Journal of Pediatric Surgery</i> , <b>2018</b> , 53, 1862-1870.6	0.6	14
64	Ovarian artery embolization in patients with collateral supply to symptomatic uterine leiomyomata. <i>CardioVascular and Interventional Radiology</i> , <b>2011</b> , 34, 1199-207	2.7	14
63	Radiation exposure during uterine artery embolization: effective measures to minimize dose to the patient. <i>CardioVascular and Interventional Radiology</i> , <b>2015</b> , 38, 613-22	2.7	13
62	Non-invasive imaging of living kidney donors: intraindividual comparison of multislice computed tomography angiography with magnetic resonance angiography. <i>Clinical Transplantation</i> , <b>2012</b> , 26, E412-7 <sup>3,8</sup>	3.8	13
61	Disintegration and stepwise expulsion of a large uterine leiomyoma with restoration of the uterine architecture after successful uterine fibroid embolization: case report. <i>Human Reproduction</i> , <b>2003</b> , 18, 863-5	5.7	13
60	Ischemic-type biliary lesions after orthotopic liver transplantation: diagnosis with magnetic resonance cholangiography. <i>Transplantation Proceedings</i> , <b>2011</b> , 43, 2660-3	1.1	12
59	Uterine artery embolization in patients with symptomatic diffuse leiomyomatosis of the uterus. <i>Journal of Vascular and Interventional Radiology</i> , <b>2008</b> , 19, 279-84	2.4	12
58	Visualization of the pulmonary valve using cine MR imaging. <i>Acta Radiologica</i> , <b>2003</b> , 44, 172-6	2	12
57	Analysis of presurgical uterine artery embolization (PUAE) for very large uterus myomatosis; patient's desire to preserve the uterus; case series and literature review. <i>RoFo Fortschritte Auf Dem Gebiet Der Röntgenstrahlen Und Der Bildgebenden Verfahren</i> , <b>2018</b> , 190, 616-622	2.3	11
56	Uterine Fibroid Embolisation - Potential Impact on Fertility and Pregnancy Outcome. <i>Geburtshilfe Und Frauenheilkunde</i> , <b>2013</b> , 73, 247-255	2	11
55	Splenic artery syndrome after orthotopic liver transplantation: treatment with the Amplatzer vascular plug. <i>CardioVascular and Interventional Radiology</i> , <b>2011</b> , 34, 1208-13	2.7	11
54	Covered transjugular intrahepatic portosystemic stents maintain lower portal pressure and require fewer reinterventions than uncovered stents. <i>Scandinavian Journal of Gastroenterology</i> , <b>2004</b> , 39, 994-9	2.4	11
53	CT guided bone biopsy using a battery powered intraosseous device. <i>CardioVascular and Interventional Radiology</i> , <b>2013</b> , 36, 1405-10	2.7	10
52	Sarcoma of the Uterus. Guideline of the DGGG and OEGGG (S2k Level, AWMF Register Number 015/074, February 2019). <i>Geburtshilfe Und Frauenheilkunde</i> , <b>2019</b> , 79, 1043-1060	2	9
51	Magnetic resonance enteroclysis in patients with Crohn's disease: fat saturated T2-weighted sequences for evaluation of inflammatory activity. <i>Journal of Crohn's and Colitis</i> , <b>2012</b> , 6, 294-301	1.5	9

50	Uterine Artery Embolization (UAE) for Fibroid Treatment: Results of the 6th Radiological Gynecological Expert Meeting. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , <b>2017</b> , 189, 511-514	2.3	8
49	Visceral Artery Aneurysms and Pseudoaneurysms: Retrospective Analysis of Interventional Endovascular Therapy of 43 Aneurysms. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , <b>2017</b> , 189, 632-639	2.3	8
48	Uterine Artery Embolization (UAE) for Fibroid Treatment--Results of the 5th Radiological Gynecological Expert Meeting. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , <b>2015</b> , 187, 483-5	2.3	8
47	Uterine Artery Embolization (UAE) for Fibroid Treatment - Results of the 7th Radiological Gynecological Expert Meeting. <i>Geburtshilfe Und Frauenheilkunde</i> , <b>2019</b> , 79, 688-692	2	8
46	Abnormal plasma peptide YY(3-36) levels in patients with liver cirrhosis. <i>Nutrition</i> , <b>2011</b> , 27, 880-4	4.8	8
45	Viral mapping in COVID-19 deceased in the Augsburg autopsy series of the first wave: A multiorgan and multimethodological approach. <i>PLoS ONE</i> , <b>2021</b> , 16, e0254872	3.7	8
44	Consensus Guidelines for the Definition of Time-to-Event End Points in Image-guided Tumor Ablation: Results of the SIO and DATECAN Initiative. <i>Radiology</i> , <b>2021</b> , 301, 533-540	20.5	8
43	Uterine artery embolization in single symptomatic leiomyoma: do anatomical imaging criteria predict clinical presentation and long-term outcome?. <i>Acta Radiologica</i> , <b>2014</b> , 55, 441-9	2	7
42	Use of the 4F Rēch inferior mesenteric catheter in embolization procedures in the pelvis: a review of 300 cases. <i>CardioVascular and Interventional Radiology</i> , <b>2007</b> , 30, 268-72	2.7	7
41	Quantification of functional mitral valve regurgitation in patients with congestive heart failure: comparison of electron-beam computed tomography with cardiac catheterization. <i>Investigative Radiology</i> , <b>2004</b> , 39, 728-39	10.1	7
40	Preoperative Uterine Artery Embolisation for Large Uterine Fibroids with Subsequent Uterus Preservation - Three Case Histories and Review of the Literature. <i>Geburtshilfe Und Frauenheilkunde</i> , <b>2012</b> , 72, 539-542	2	6
39	Clinical and genetic risk factors define two risk groups of extracranial malignant rhabdoid tumours (eMRT/RTK). <i>European Journal of Cancer</i> , <b>2021</b> , 142, 112-122	7.5	6
38	Magnetic resonance guided focused ultrasound for fibroid treatment--results of the second radiological gynecological expert meeting. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , <b>2015</b> , 187, 480-2	2.3	5
37	Serum bile acids and leptin interact with glucose metabolism in patients with liver cirrhosis. <i>Clinical Nutrition</i> , <b>2013</b> , 32, 122-9	5.9	5
36	Visualization of bone details in a novel photon-counting dual-source CT scanner-comparison with energy-integrating CT.. <i>European Radiology</i> , <b>2021</b> ,	8	5
35	First report from the German COVID-19 autopsy registry.. <i>Lancet Regional Health - Europe, The</i> , <b>2022</b> , 15, 100330		4
34	MR-Guided Focused Ultrasound in Fibroid Treatment - Results of the 4th Radiological-Gynecological Expert Meeting. <i>Geburtshilfe Und Frauenheilkunde</i> , <b>2019</b> , 79, 693-696	2	3
33	Uterine Artery Embolization (UAE) for Fibroid Treatment: Results of the 6th Radiological Gynecological Expert Meeting. <i>Geburtshilfe Und Frauenheilkunde</i> , <b>2017</b> , 77, 689-692	2	3

32	Ventilation/perfusion SPECT or SPECT/CT for lung function imaging in patients with pulmonary emphysema?. <i>Annals of Nuclear Medicine</i> , <b>2015</b> , 29, 528-34	2.5	3
31	Fluid preinjection for microwave ablation in an ex vivo bovine liver model assessed with volumetry in an open MRI system. <i>Diagnostic and Interventional Radiology</i> , <b>2013</b> , 19, 427-32	3.2	3
30	MR-Guided Focused Ultrasound in Fibroid Treatment - Results of the 4th Radiological-Gynecological Expert Meeting. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , <b>2019</b> , 191, 626-629	2.3	2
29	Magnetic Resonance-Guided Focused Ultrasound for Treatment of Myomas - Results of the First Radiology-Gynaecology Experts Meeting. <i>Geburtshilfe Und Frauenheilkunde</i> , <b>2014</b> , 74, 430-432	2	2
28	Uterine Artery Embolisation (UAE) for Treatment of Myomas: Results of the 4th Radiology-Gynaecology Experts Meeting. <i>Geburtshilfe Und Frauenheilkunde</i> , <b>2014</b> , 74, 433-435	2	2
27	Endoleak after endovascular aneurysm repair: evaluation of a single-acquisition CTA protocol using a prebolus. <i>Journal of Endovascular Therapy</i> , <b>2011</b> , 18, 771-8	2.5	2
26	Ovarian artery variant: another unexpected extrarenal condition that may affect donor nephrectomy. <i>Radiographics</i> , <b>2004</b> , 24, 1513-4; author reply 1513-4	5.4	2
25	Value of dual-phase multislice CT prior to minimally invasive therapy of iatrogenic renal injuries. <i>Journal of Endovascular Therapy</i> , <b>2005</b> , 12, 461-8	2.5	2
24	Typical Imaging Patterns in COVID-19 Infections of the Lung on Plain Chest Radiographs to Aid Early Triage. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , <b>2021</b> , 193, 1189-1196	2.3	2
23	EndoPredict versus uPA/PAI-1 in breast cancer: Comparison of markers and association with clinicopathological parameters. <i>Breast Journal</i> , <b>2019</b> , 25, 450-454	1.2	1
22	Radioembolization for Hepatocellular Carcinoma Arising in the Setting of a Congenital Extrahepatic Portosystemic Shunt (Abernethy Malformation). <i>CardioVascular and Interventional Radiology</i> , <b>2018</b> , 41, 1285-1290	2.7	1
21	Consensus Meetings Regarding Uterine Artery Embolization and Focused Ultrasound in Fibroid Treatment: an Analysis. <i>Geburtshilfe Und Frauenheilkunde</i> , <b>2017</b> , 77, 693-695	2	1
20	Ventilation/perfusion SPECT/CT in patients with pulmonary emphysema. Evaluation of software-based analysing. <i>Nuklearmedizin - NuclearMedicine</i> , <b>2015</b> , 54, 31-5	1.8	1
19	Re: primary failure of uterine artery embolization: use of magnetic resonance imaging to select patients for repeated embolization. <i>Journal of Vascular and Interventional Radiology</i> , <b>2006</b> , 17, 181-2; author reply 182	2.4	1
18	MRI for diagnosis of adenomyosis: unsung and underutilized. <i>Gynecologic and Obstetric Investigation</i> , <b>2005</b> , 60, 154	2.5	1
17	Paraganglioma of the carotid bifurcation. <i>American Journal of Surgery</i> , <b>2000</b> , 180, 155	2.7	1
16	Low-dose CT of the abdomen: Initial experience on a novel photon-counting detector CT and comparison with energy-integrating detector CT.. <i>European Journal of Radiology</i> , <b>2022</b> , 148, 110181	4.7	1
15	In-patient care trends in peripheral artery disease in the German healthcare system over the past decade. <i>European Radiology</i> , <b>2021</b> , 1	8	1

14	Right-to-left Ventricular Diameter Ratio At Computed Tomographic Pulmonary Angiography in Patients with Acute Pulmonary Embolism and Obstructive Sleep Apnea. <i>Clinical Medicine Insights: Circulatory, Respiratory and Pulmonary Medicine</i> , <b>2020</b> , 14, 1179548420976430	3.4	1
13	Non-operative management of blunt splenic trauma: The role of splenic artery embolization depending on the severity of parenchymal injury. <i>European Journal of Radiology</i> , <b>2021</b> , 137, 109578	4.7	1
12	Value-based radiology: what is the ESR doing, and what should we do in the future?. <i>Insights Into Imaging</i> , <b>2021</b> , 12, 108	5.6	1
11	Comparison and Trends of Endovascular, Surgical and Hybrid Revascularizations and the Influence of Comorbidity in 1 Million Hospitalizations Due to Peripheral Artery Disease in Germany Between 2009 and 2018.. <i>CardioVascular and Interventional Radiology</i> , <b>2022</b> , 1	2.7	1
10	Consensus meetings regarding uterine artery embolization and focused ultrasound in fibroid treatment: an analysis. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , <b>2017</b> , 189, 508-510	2.3	0
9	An uncertainty-aware, shareable, and transparent neural network architecture for brain-age modeling.. <i>Science Advances</i> , <b>2022</b> , 8, eabg9471	14.3	0
8	Preoperative Uterine Artery Embolization in Women Undergoing Uterus-Preserving Myomectomy for Extensive Fibroid Disease: A Retrospective Analysis.. <i>Gynecologic and Obstetric Investigation</i> , <b>2022</b> , 1-8	2.5	0
7	Clinical evidence for a biological effect of epigenetically active decitabine in relapsed or progressive rhabdoid tumors. <i>Pediatric Blood and Cancer</i> , <b>2021</b> , 68, e29267	3	0
6	Optimal Conspicuity of Liver Metastases in Virtual Monochromatic Imaging Reconstructions on a Novel Photon-Counting Detector CT: Effect of keV Settings and BMI. <i>Diagnostics</i> , <b>2022</b> , 12, 1231	3.8	0
5	Semi-automatic CT-angiography based evaluation of the aortic annulus in patients prior to TAVR: interchangeability with manual measurements. <i>International Journal of Cardiovascular Imaging</i> , <b>2018</b> , 34, 1657-1667	2.5	
4	Uterusarterienembolisation symptomatischer Gebärmuttermyome. <i>Interventionelle Radiologie Scan</i> , <b>2014</b> , 02, 161-179		
3	Uterusarterienembolisation bei Patientinnen mit symptomatischen Gebärmuttermyomen: prospektive Studie zu klinischem Erfolg und Veränderung der Lebensqualität im langfristigen Verlauf. <i>Geburtshilfe Und Frauenheilkunde</i> , <b>2011</b> , 71, 653-658	2	
2	Gewichtsreduktion bei Übergewicht und Adipositas und deren Auswirkungen auf Sexualität, Harn- und Analinkontinenz, Descensus genitalis und Lebensqualität. <i>Geburtshilfe Und Frauenheilkunde</i> , <b>2007</b> , 67, 866-872	2	
1	Fibrinolysis of acute peripheral arterial occlusion with tenecteplase--a new weight-optimized treatment regimen. <i>Journal of Thrombosis and Thrombolysis</i> , <b>2004</b> , 18, 43-6	5.1	