Christiane K Kuhl

List of Publications by Year
in descending order

309 papers	19,746 citations	16451 64 h-index	11939 134 g-index
331 all docs	331 docs citations	331 times ranked	12634 citing authors

#	Article	IF	Citations
1	Dynamic Breast MR Imaging: Are Signal Intensity Time Course Data Useful for Differential Diagnosis of Enhancing Lesions?. Radiology, 1999, 211, 101-110.	7.3	1,186
2	Mammography, Breast Ultrasound, and Magnetic Resonance Imaging for Surveillance of Women at High Familial Risk for Breast Cancer. Journal of Clinical Oncology, 2005, 23, 8469-8476.	1.6	997
3	MRI Evaluation of the Contralateral Breast in Women with Recently Diagnosed Breast Cancer. New England Journal of Medicine, 2007, 356, 1295-1303.	27.0	842
4	The Current Status of Breast MR Imaging Part I. Choice of Technique, Image Interpretation, Diagnostic Accuracy, and Transfer to Clinical Practice. Radiology, 2007, 244, 356-378.	7.3	679
5	MRI for diagnosis of pure ductal carcinoma in situ: a prospective observational study. Lancet, The, 2007, 370, 485-492.	13.7	658
6	Breast MRI: guidelines from the European Society of Breast Imaging. European Radiology, 2008, 18, 1307-1318.	4.5	649
7	Breast MR Imaging Screening in 192 Women Proved or Suspected to Be Carriers of a Breast Cancer Susceptibility Gene: Preliminary Results. Radiology, 2000, 215, 267-279.	7.3	541
8	Abbreviated Breast Magnetic Resonance Imaging (MRI): First Postcontrast Subtracted Images and Maximum-Intensity Projectionâ€"A Novel Approach to Breast Cancer Screening With MRI. Journal of Clinical Oncology, 2014, 32, 2304-2310.	1.6	506
9	Diagnostic Architectural and Dynamic Features at Breast MR Imaging: Multicenter Study. Radiology, 2006, 238, 42-53.	7.3	469
10	Magnetic Resonance Imaging of the Breast Prior to Biopsy. JAMA - Journal of the American Medical Association, 2004, 292, 2735.	7.4	443
11	Prospective Multicenter Cohort Study to Refine Management Recommendations for Women at Elevated Familial Risk of Breast Cancer: The EVA Trial. Journal of Clinical Oncology, 2010, 28, 1450-1457.	1.6	436
12	MRI-Based Attenuation Correction for Hybrid PET/MRI Systems: A 4-Class Tissue Segmentation Technique Using a Combined Ultrashort-Echo-Time/Dixon MRI Sequence. Journal of Nuclear Medicine, 2012, 53, 796-804.	5.0	406
13	Healthy premenopausal breast parenchyma in dynamic contrast-enhanced MR imaging of the breast: normal contrast medium enhancement and cyclical-phase dependency.. Radiology, 1997, 203, 137-144.	7.3	405
14	Swarm Learning for decentralized and confidential clinical machine learning. Nature, 2021, 594, 265-270.	27.8	375
15	Current Status of Breast MR Imaging Part 2. Clinical Applications. Radiology, 2007, 244, 672-691.	7.3	367
16	Aortic dissection: a comparative study of diagnosis with spiral CT, multiplanar transesophageal echocardiography, and MR imaging.. Radiology, 1996, 199, 347-352.	7.3	357
17	Breast MRI: EUSOBI recommendations for womenâ€™s information. European Radiology, 2015, 25, 3669-3678.	4.5	330
18	Imaging anisotropic and viscous properties of breast tissue by magnetic resonance-elastography. Magnetic Resonance in Medicine, 2005, 53, 372-387.	3.0	329

#	Article	IF	Citations
19	Comparison of Abbreviated Breast MRI vs Digital Breast Tomosynthesis for Breast Cancer Detection Among Women With Dense Breasts Undergoing Screening. JAMA - Journal of the American Medical Association, 2020, 323, 746.	7.4	268
20	Dynamic Bilateral Contrast-enhanced MR Imaging of the Breast: Trade-off between Spatial and Temporal Resolution. Radiology, 2005, 236, 789-800.	7.3	249
21	Supplemental Breast MR Imaging Screening of Women with Average Risk of Breast Cancer. Radiology, 2017, 283, 361-370.	7.3	242
22	Development, standardization, and testing of a lexicon for reporting contrast-enhanced breast magnetic resonance imaging studies. Journal of Magnetic Resonance Imaging, 2001, 13, 889-895.	3.4	235
23	Mammographic, US, and MR Imaging Phenotypes of Familial Breast Cancer. Radiology, 2008, 246, 58-70.	7.3	216
24	Contrastâ€enhanced MRI for breast cancer screening. Journal of Magnetic Resonance Imaging, 2019, 50, 377-390.	3.4	199
25	Abbreviated Biparametric Prostate MR Imaging in Men with Elevated Prostate-specific Antigen. Radiology, 2017, 285, 493-505.	7.3	197
26	Dynamic image interpretation of MRI of the breast. Journal of Magnetic Resonance Imaging, 2000, 12, 965-974.	3.4	195
27	Interventional breast MR imaging: clinical use of a stereotactic localization and biopsy device.. Radiology, 1997, 204, 667-675.	7.3	193
28	Contrast-enhanced MR Imaging of the Breast at 3.0 and 1.5 T in the Same Patients: Initial Experience. Radiology, 2006, 239, 666-676.	7.3	166
29	Radiomic versus Convolutional Neural Networks Analysis for Classification of Contrast-enhancing Lesions at Multiparametric Breast MRI. Radiology, 2019, 290, 290-297.	7.3	161
30	Do T2-weighted pulse sequences help with the differential diagnosis of enhancing lesions in dynamic breast MRI?. Journal of Magnetic Resonance Imaging, 1999, 9, 187-196.	3.4	151
31	Implications of SENSE MR in routine clinical practice. European Journal of Radiology, 2003, 46, 3-27.	2.6	148
32	MRI detection of distinct incidental cancer in women with primary breast cancer studied in IBMC 6883. Journal of Surgical Oncology, 2005, 92, 32-38.	1.7	145
33	Randomly Segmented Central k-Space Ordering in High-Spatial-Resolution Contrast-enhanced MR Angiography of the Supraaortic Arteries: Initial Experience. Radiology, 2002, 225, 583-588.	7.3	144
34	Breast cancer screening in women with extremely dense breasts recommendations of the European Society of Breast Imaging (EUSOBI). European Radiology, 2022, 32, 4036-4045.	4.5	137
35	Position paper on screening for breast cancer by the European Society of Breast Imaging (EUSOBI) and 30 national breast radiology bodies from Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Israel, Lithuania, Moldova, The Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Spain, Sweden, Switzerland and Turkey. European Radiology, 2017, 27, 2737-2743.	4.5	136
36	MR Imagingâ€“guided Large-Core (14-Gauge) Needle Biopsy of Small Lesions Visible at Breast MR Imaging Alone. Radiology, 2001, 220, 31-39.	7.3	132

#	Article	IF	Citations
37	Dual-Source Parallel Radiofrequency Excitation Body MR Imaging Compared with Standard MR Imaging at 3.0 T: Initial Clinical Experience. Radiology, 2010, 256, 966-975.	7.3	128
38	Digital Breast Tomosynthesisâ€“guided Vacuum-assisted Breast Biopsy: Initial Experiences and Comparison with Prone Stereotactic Vacuum-assisted Biopsy. Radiology, 2015, 274, 654-662.	7.3	122
39	Added cancer yield of MRI in screening the contralateral breast of women recently diagnosed with breast cancer: Results from the International Breast Magnetic Resonance Consortium (IBMC) trial. Journal of Surgical Oncology, 2005, 92, 9-15.	1.7	117
40	Whole-Body High-Field-Strength (3.0-T) MR Imaging in Clinical Practice Part I. Technical Considerations and Clinical Applications. Radiology, 2008, 246, 675-696.	7.3	114
41	The Significance of ^{99m}Tc-MAA SPECT/CT Liver Perfusion Imaging in Treatment Planning for ⁹⁰Y-Microsphere Selective Internal Radiation Treatment. Journal of Nuclear Medicine, 2010, 51, 1206-1212.	5.0	114
42	Shear Wave Elastography (SWE) for the Evaluation of Patients with Tendinopathies. Academic Radiology, 2016, 23, 1204-1213.	2.5	112
43	The requirements of a specialist breast centre. Breast, 2020, 51, 65-84.	2.2	111
44	Breast neoplasms: T2* susceptibility-contrast, first-pass perfusion MR imaging.. Radiology, 1997, 202, 87-95.	7.3	102
45	Effect of B₁Inhomogeneity on Breast MR Imaging at 3.0 T. Radiology, 2007, 244, 929-930.	7.3	101
46	Intracranial Aneurysms: Role of Multidetector CT Angiography in Diagnosis and Endovascular Therapy Planning. Radiology, 2007, 244, 532-540.	7.3	101
47	Image-guided breast biopsy and localisation: recommendations for information to women and referring physicians by the European Society of Breast Imaging. Insights Into Imaging, 2020, 11, 12.	3.4	96
48	Pre-operative staging of breast cancer with breast MRI: One step forward, two steps back?. Breast, 2007, 16, 34-44.	2.2	95
49	Breast ultrasound: recommendations for information to women and referring physicians by the European Society of Breast Imaging. Insights Into Imaging, 2018, 9, 449-461.	3.4	95
50	Acute and Subacute Ischemic Stroke at High-Field-Strength (3.0-T) Diffusion-weighted MR Imaging: Intraindividual Comparative Study. Radiology, 2005, 234, 509-516.	7.3	92
51	Abbreviated Magnetic Resonance Imaging (MRI) for Breast Cancer Screening: Rationale, Concept, and Transfer to Clinical Practice. Annual Review of Medicine, 2019, 70, 501-519.	12.2	92
52	Brain Tumors: Full- and Half-Dose Contrast-enhanced MR Imaging at 3.0 T Compared with 1.5 Tâ€”Initial Experience. Radiology, 2005, 237, 1014-1019.	7.3	87
53	Diagnostic usefulness of segmental and linear enhancement in dynamic breast MRI. European Radiology, 2005, 15, 2010-2017.	4.5	85
54	The management of lobular carcinoma in situ (LCIS). Is LCIS the same as ductal carcinoma in situ (DCIS)?. European Journal of Cancer, 2006, 42, 2205-2211.	2.8	81

#	Article	IF	Citations
55	Breast MR Imaging during or Soon after Radiation Therapy. Radiology, 2003, 229, 893-901.	7.3	80
56	Value of MRI in medicine: More than just another test?. Journal of Magnetic Resonance Imaging, 2019, 49, e14-e25.	3.4	78
57	MR Imaging of Pneumonia in Immunocompromised Patients. American Journal of Roentgenology, 2000, 175, 391-397.	2.2	75
58	Safety and toxicity of radioembolization plus Sorafenib in advanced hepatocellular carcinoma: analysis of the European multicentre trial <scp>SORAMIC</scp>. Liver International, 2015, 35, 620-626.	3.9	74
59	Radiomics feature reproducibility under inter-rater variability in segmentations of CT images. Scientific Reports, 2020, 10, 12688.	3.3	74
60	Midterm Safety and Efficacy of Irreversible Electroporation of Malignant Liver Tumors Located Close to Major Portal or Hepatic Veins. Radiology, 2017, 285, 1023-1031.	7.3	73
61	Low-Molecular-Weight Iron Chelates May Be an Alternative to Gadolinium-based Contrast Agents for T1-weighted Contrast-enhanced MR Imaging. Radiology, 2018, 286, 537-546.	7.3	72
62	Sensitivity Encoding for Diffusion-weighted MR Imaging at 3.0 T: Intraindividual Comparative Study. Radiology, 2005, 234, 517-526.	7.3	71
63	Influence of preoperative MRI on the surgical management of patients with operable breast cancer. Breast Cancer Research and Treatment, 2008, 111, 179-187.	2.5	71
64	GATA1-Mediated Megakaryocyte Differentiation and Growth Control Can Be Uncoupled and Mapped to Different Domains in GATA1. Molecular and Cellular Biology, 2005, 25, 8592-8606.	2.3	67
65	Adverse Events after Unenhanced and Monomeric and Dimeric Contrast-enhanced CT: A Prospective Randomized Controlled Trial. Radiology, 2006, 240, 56-64.	7.3	67
66	Assessment of BI-RADS Category 4 Lesions Detected with Screening Mammography and Screening US: Utility of MR Imaging. Radiology, 2015, 274, 343-351.	7.3	67
67	Abbreviated breast MRI for screening women with dense breast: the EA1141 trial. British Journal of Radiology, 2018, 91, 20170441.	2.2	66
68	Concepts for Differential Diagnosis in Breast MR Imaging. Magnetic Resonance Imaging Clinics of North America, 2006, 14, 305-328.	1.1	62
69	High-Field-Strength MR Imaging of the Liver at 3.0 T: Intraindividual Comparative Study with MR Imaging at 1.5 T. Radiology, 2006, 241, 156-166.	7.3	60
70	Why Do Purely Intraductal Cancers Enhance on Breast MR Images?. Radiology, 2009, 253, 281-283.	7.3	60
71	Multicenter Evaluation of Dynamic Three-Dimensional Magnetic Resonance Myocardial Perfusion Imaging for the Detection of Coronary Artery Disease Defined by Fractional Flow Reserve. Circulation: Cardiovascular Imaging, 2015, 8, .	2.6	58
72	Validity of RECIST Version 1.1 for Response Assessment in Metastatic Cancer: A Prospective, Multireader Study. Radiology, 2019, 290, 349-356.	7.3	58

#	Article	IF	Citations
73	Impact of Preoperative Breast MR Imaging and MR-guided Surgery on Diagnosis and Surgical Outcome of Women with Invasive Breast Cancer with and without DCIS Component. Radiology, 2017, 284, 645-655.	7.3	56
74	Effects of Tamoxifen and Aromatase Inhibitors on Breast Tissue Enhancement in Dynamic Contrastâ€“enhanced Breast MR Imaging: A Longitudinal Intraindividual Cohort Study. Radiology, 2014, 271, 45-55.	7.3	54
75	Three-dimensional Dynamic Susceptibility-weighted Perfusion MR Imaging at 3.0 T: Feasibility and Contrast Agent Dose. Radiology, 2005, 234, 869-877.	7.3	52
76	Breast MR Imaging at 3T. Magnetic Resonance Imaging Clinics of North America, 2007, 15, 315-320.	1.1	52
77	In vivo MRI visualization of mesh shrinkage using surgical implants loaded with superparamagnetic iron oxides. Surgical Endoscopy and Other Interventional Techniques, 2012, 26, 1468-1475.	2.4	52
78	The significance of bremsstrahlung SPECT/CT after yttrium-90 radioembolization treatment in the prediction of extrahepatic side effects. European Journal of Nuclear Medicine and Molecular Imaging, 2012, 39, 309-315.	6.4	52
79	Axillary lymphadenopathy at the time of COVID-19 vaccination: ten recommendations from the European Society of Breast Imaging (EUSOBI). Insights Into Imaging, 2021, 12, 119.	3.4	51
80	Whole-Body High-Field-Strength (3.0-T) MR Imaging in Clinical Practiceâ€¨ Part II. Technical Considerations and Clinical Applications. Radiology, 2008, 247, 16-35.	7.3	50
81	Clinical Application of Trans-Arterial Radioembolization in Hepatic Malignancies in Europe: First Results from the Prospective Multicentre Observational Study CIRSE Registry for SIR-Spheres Therapy (CIRT). CardioVascular and Interventional Radiology, 2021, 44, 21-35.	2.0	49
82	Shear Wave Elastography (SWE) for Monitoring of Treatment of Tendinopathies. Academic Radiology, 2018, 25, 265-272.	2.5	48
83	Breast Cancer: Influence of Taxanes on Response Assessment with Dynamic Contrast-enhanced MR Imaging. Radiology, 2015, 277, 687-696.	7.3	47
84	3.0-T high-field magnetic resonance imaging of the female pelvis: preliminary experiences. European Radiology, 2005, 15, 639-644.	4.5	44
85	Diffusionâ€weighted MRI does not reflect kidney fibrosis in a rat model of fibrosis. Journal of Magnetic Resonance Imaging, 2015, 42, 990-998.	3.4	44
86	MRI of the pelvis at 3ÂT: very high spatial resolution with sensitivity encoding and flip-angle sweep technique in clinically acceptable scan time. European Radiology, 2006, 16, 634-641.	4.5	43
87	Does MRI Breast â€œDensityâ€•(Degree of Background Enhancement) Correlate With Mammographic Breast Density?. Journal of Magnetic Resonance Imaging, 2014, 40, 483-489.	3.4	43
88	Management of women at high risk for breast cancer: New imaging beyond mammography. Breast, 2005, 14, 480-486.	2.2	42
89	The Changing World of Breast Cancer. Investigative Radiology, 2015, 50, 615-628.	6.2	40
90	Not all false positive diagnoses are equal: On the prognostic implications of false-positive diagnoses made in breast MRI versus in mammography / digital tomosynthesis screening. Breast Cancer Research, 2018, 20, 13.	5.0	40

#	Article	IF	Citations
91	Who may benefit from preoperative breast MRI? A single-center analysis of 1102 consecutive patients with primary breast cancer. Breast Cancer Research and Treatment, 2015, 153, 531-537.	2.5	39
92	Quantitative OCT and MRI biomarkers for the differentiation of cartilage degeneration. Skeletal Radiology, 2016, 45, 505-516.	2.0	39
93	Sensitivity Encoding (SENSE) for High Spatial Resolution Time-of-Flight MR Angiography of the Intracranial Arteries at 3.0ÂT. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2004, 176, 21-26.	1.3	38
94	CT-based temperature monitoring during hepatic RF ablation: Feasibility in an animal model. International Journal of Hyperthermia, 2012, 28, 55-61.	2.5	38
95	IL-6 and IL-8 Serum Levels Predict Tumor Response and Overall Survival after TACE for Primary and Secondary Hepatic Malignancies. International Journal of Molecular Sciences, 2018, 19, 1766.	4.1	38
96	Ex vivo quantitative multiparametric MRI mapping of human meniscus degeneration. Skeletal Radiology, 2016, 45, 1649-1660.	2.0	36
97	Sensitivity Encoding for Fast MR Imaging of the Brain in Patients with Stroke. Radiology, 2003, 228, 669-675.	7.3	35
98	Functional 3.0-T MR Assessment of Higher Cognitive Function: Are There Advantages over 1.5-T Imaging?. Radiology, 2005, 234, 860-868.	7.3	35
99	Diagnostic Accuracy of Diffusion-Weighted Magnetic Resonance Imaging Versus Positron Emission Tomography/Computed Tomography for Early Response Assessment of Liver Metastases to Y90-Radioembolization. Investigative Radiology, 2015, 50, 409-415.	6.2	35
100	Functional MR Imaging Mapping of Human Articular Cartilage Response to Loading. Radiology, 2017, 282, 464-474.	7.3	35
101	Sarcopenia Is a Negative Prognostic Factor in Patients Undergoing Transarterial Chemoembolization (TACE) for Hepatic Malignancies. Cancers, 2019, 11, 1503.	3.7	35
102	Skeletal Muscle Composition Predicts Outcome in Critically Ill Patients. , 2020, 2, e0171.		34
103	Female Pelvis: MR Imaging at 3.0 T with Sensitivity Encoding and Flip-Angle Sweep Technique. Radiology, 2006, 241, 538-545.	7.3	33
104	MRI-Guided Breast Biopsy: Influence of Choice of Vacuum Biopsy System on the Mode of Biopsy of MRI-Only Suspicious Breast Lesions. American Journal of Roentgenology, 2010, 194, 1650-1657.	2.2	33
105	3.0 T Neuroimaging: Technical Considerations and Clinical Applications. Neuroimaging Clinics of North America, 2006, 16, 217-228.	1.0	32
106	Extracoronary Thoracic and Coronary Artery Calcifications on Chest CT for Lung Cancer Screening. Academic Radiology, 2015, 22, 880-889.	2.5	32
107	Lymphatic Interventions for Treatment of Chylothorax. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2015, 187, 584-588.	1.3	32
108	Low-Dose Chest CT for the Diagnosis of COVID-19. Deutsches Ärzteblatt International, 2020, 117, 389-395.	0.9	32

#	Article	IF	Citations
109	The â€œComing of Ageâ€•of Nonmammographic Screening for Breast Cancer. JAMA - Journal of the American Medical Association, 2008, 299, 2203.	7.4	31
110	Automated Analysis of Alignment in Long-Leg Radiographs by Using a Fully Automated Support System Based on Artificial Intelligence. Radiology: Artificial Intelligence, 2021, 3, e200198.	5.8	31
111	Stentgraft Implantation for the Treatment of Postoperative Hepatic Artery Pseudoaneurysm. CardioVascular and Interventional Radiology, 2016, 39, 575-581.	2.0	30
112	First In-Human Magnetic Resonance Visualization of Surgical Mesh Implants for Inguinal Hernia Treatment. Investigative Radiology, 2013, 48, 770-778.	6.2	29
113	Shear Wave Elastography (SWE) for the Evaluation of Patients with Plantar Fasciitis. Academic Radiology, 2020, 27, 363-370.	2.5	29
114	The potential utility of abbreviated breast MRI (FAST MRI) as a tool for breast cancer screening: a systematic review and meta-analysis. Clinical Radiology, 2021, 76, 154.e11-154.e22.	1.1	29
115	Liver Dysplasia: US Molecular Imaging with Targeted Contrast Agent Enables Early Assessment. Radiology, 2013, 267, 487-495.	7.3	28
116	Jugular bulb abnormalities in patients with Meniereâ€™s disease using high-resolution computed tomography. European Archives of Oto-Rhino-Laryngology, 2015, 272, 1879-1884.	1.6	28
117	Sensitivity encoding (SENSE) for contrast-enhanced 3D MR angiography of the abdominal arteries. Journal of Magnetic Resonance Imaging, 2005, 22, 559-565.	3.4	27
118	Target Lesion Selection. Investigative Radiology, 2014, 49, 509-517.	6.2	27
119	Dynamic Contrast-enhanced Breast MR Imaging in Men: Preliminary Results. Radiology, 2006, 238, 438-445.	7.3	26
120	Contrast-enhanced postmortem computed tomography in clinical pathology: enhanced value of 20 clinical autopsies. Human Pathology, 2014, 45, 1813-1823.	2.0	26
121	Shear Wave Elastography (SWE) of Asymptomatic Achilles Tendons: A Comparison Between Semiprofessional Athletes and the Nonathletic General Population. Academic Radiology, 2019, 26, 1345-1351.	2.5	26
122	Stroke as Initial Manifestation of Adenosine Deaminase 2 Deficiency. Neuropediatrics, 2017, 48, 111-114.	0.6	25
123	Time-Dependent Changes of Magnetic Resonance Imagingâ€“Visible Mesh Implants in Patients. Investigative Radiology, 2014, 49, 439-444.	6.2	24
124	MR Imaging for Surveillance of Women at High Familial Risk for Breast Cancer. Magnetic Resonance Imaging Clinics of North America, 2006, 14, 391-402.	1.1	23
125	Transrenal Ureter Occlusion with an Amplatzer Vascular Plug. Journal of Vascular and Interventional Radiology, 2009, 20, 1390-1392.	0.5	23
126	Potential Impact of Preoperative Magnetic Resonance Imaging of the Breast on Patient Selection for Accelerated Partial Breast Irradiation. International Journal of Radiation Oncology Biology Physics, 2011, 81, e541-e546.	0.8	23

#	Article	IF	Citations
127	White Paper: Interventional MRI: Current Status and Potential for Development Considering Economic Perspectives, Part 1: General Application. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2017, 189, 611-623.	1.3	22
128	Magnetic Resonance Imaging Findings After Percutaneous Irreversible Electroporation of Liver Metastases. Investigative Radiology, 2017, 52, 23-29.	6.2	21
129	Percutaneous transhepatic biliary drainage (PTBD) in patients with dilated vs. nondilated bile ducts: technical considerations and complications. European Radiology, 2021, 31, 3035-3041.	4.5	21
130	White Paper: Radiological Curriculum for Undergraduate Medical Education in Germany. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2016, 188, 1017-1023.	1.3	20
131	Functional in situ assessment of human articular cartilage using MRI: a whole-knee joint loading device. Biomechanics and Modeling in Mechanobiology, 2017, 16, 1971-1986.	2.8	20
132	Safety and Efficacy of Magnetic Resonanceâ€“Guided Vacuum-Assisted Large-Volume Breast Biopsy (MR-Guided VALB). Investigative Radiology, 2017, 52, 186-193.	6.2	20
133	Multiparametric MRI and Computational Modelling in the Assessment of Human Articular Cartilage Properties: A Comprehensive Approach. BioMed Research International, 2018, 2018, 1-12.	1.9	20
134	Detection of Early-Stage Degeneration in Human Articular Cartilage by Multiparametric MR Imaging Mapping of Tissue Functionality. Scientific Reports, 2019, 9, 5895.	3.3	19
135	Transcranial Shear Wave Elastography of Neonatal and Infant Brains for Quantitative Evaluation of Increased Intracranial Pressure. Investigative Radiology, 2019, 54, 719-727.	6.2	19
136	Intra-individual comparison of image contrast in SPIO-enhanced liver MRI at 1.5T and 3.0T. European Radiology, 2007, 17, 1256-1261.	4.5	18
137	Novel TPM3 mutation in a family with cap myopathy and review of the literature. Neuromuscular Disorders, 2014, 24, 117-124.	0.6	18
138	Non-invasive T1Ï•mapping of the human cartilage response to loading and unloading. Osteoarthritis and Cartilage, 2018, 26, 236-244.	1.3	18
139	How MRI Compatible is â€œMRI Compatibleâ€? A Systematic Comparison of Artifacts Caused by Biopsy Needles at 3.0 and 1.5ÂT. CardioVascular and Interventional Radiology, 2013, 36, 1646-1657.	2.0	17
140	In Vivo Visualization of Polymer-Based Mesh Implants Using Conventional Magnetic Resonance Imaging and Positive-Contrast Susceptibility Imaging. Investigative Radiology, 2013, 48, 200-205.	6.2	17
141	Quantitative, Organ-Specific Interscanner and Intrascanner Variability for 3 T Whole-Body Magnetic Resonance Imaging in a Multicenter, Multivendor Study. Investigative Radiology, 2016, 51, 255-265.	6.2	17
142	Diffusion-weighted MRI Is Superior to PET/CT in Predicting Survival of Patients Undergoing ⁹⁰Y Radioembolization of Hepatic Metastases. Radiology, 2018, 288, 764-773.	7.3	17
143	The Long Route to Standardized Radiomics: Unraveling the Knot from the End. Radiology, 2020, 295, 339-341.	7.3	17
144	Impact of Extrahepatic Metastases on Overall Survival in Patients with Advanced Liver Dominant Hepatocellular Carcinoma: A Subanalysis of the SORAMIC Trial. Liver Cancer, 2020, 9, 771-786.	7.7	17

#	Article	IF	Citations
145	Progressive Sarcopenia Correlates with Poor Response and Outcome to Immune Checkpoint Inhibitor Therapy. Journal of Clinical Medicine, 2021, 10, 1361.	2.4	16
146	Endovascular Revascularization with Stent Implantation in Patients with Acute Mesenteric Ischemia due to Acute Arterial Thrombosis: Clinical Outcome and Predictive Factors. CardioVascular and Interventional Radiology, 2021, 44, 1030-1038.	2.0	16
147	Bridging the integration gap between imaging and information systems: a uniform data concept for content-based image retrieval in computer-aided diagnosis. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, 506-510.	4.4	15
148	The Use of Contrast-Enhanced Post Mortem CT in the Detection of Cardiovascular Deaths. PLoS ONE, 2014, 9, e93101.	2.5	15
149	Multi Scale Curriculum CNN for Context-Aware Breast MRI Malignancy Classification. Lecture Notes in Computer Science, 2019, , 495-503.	1.3	15
150	Diagnostic challenge and therapeutic dilemma in necrotizing myopathy. Neurology, 2013, 81, 932-935.	1.1	14
151	Early Detection of Acute Mesenteric Ischemia Using Diffusion-Weighted 3.0-T Magnetic Resonance Imaging in a Porcine Model. Investigative Radiology, 2013, 48, 231-237.	6.2	14
152	Monitoring Liver Function of Patients Undergoing Transarterial Chemoembolization (TACE) by a 13C Breath Test (LiMAx). CardioVascular and Interventional Radiology, 2019, 42, 1702-1708.	2.0	14
153	Transfer Learning for Breast Cancer Malignancy Classification based on Dynamic Contrast-Enhanced MR Images. Informatik Aktuell, 2018, , 216-221.	0.6	14
154	Extracellular Vesicles May Predict Response to Radioembolization and Sorafenib Treatment in Advanced Hepatocellular Carcinoma: An Exploratory Analysis from the SORAMIC Trial. Clinical Cancer Research, 2022, 28, 3890-3901.	7.0	14
155	Efficacy of Antegrade Pyeloperfusion to Protect the Renal Pelvis in Kidney Microwave Ablation Using an In Vivo Swine Model. Investigative Radiology, 2013, 48, 863-868.	6.2	13
156	Size-Tailored Biocompatible FePt Nanoparticles for Dual T₁/T₂ Magnetic Resonance Imaging Contrast Enhancement. Langmuir, 2019, 35, 10424-10434.	3.5	13
157	Chemoembolization with Degradable Starch Microspheres for Treatment of Patients with Primary or Recurrent Unresectable, Locally Advanced Intrahepatic Cholangiocarcinoma: A Pilot Study. CardioVascular and Interventional Radiology, 2019, 42, 1709-1717.	2.0	13
158	Differentiation of human cartilage degeneration by functional MRI mappingâ€"an ex vivo study. European Radiology, 2019, 29, 6671-6681.	4.5	13
159	Spiral blurring correction with waterâ€"fat separation for magnetic resonance fingerprinting in the breast. Magnetic Resonance in Medicine, 2020, 83, 1192-1207.	3.0	13
160	Topical polidocanol application in combination with static stretching in tendinopathies: a prospective pilot study. Muscles, Ligaments and Tendons Journal, 2017, 7, 88.	0.3	13
161	Imaging in Locoregional Management of Breast Cancer. Journal of Clinical Oncology, 2020, 38, 2351-2361.	1.6	13
162	Towards Patient-Specific Computational Modelling of Articular Cartilage on the Basis of Advanced Multiparametric MRI Techniques. Scientific Reports, 2019, 9, 7172.	3.3	12

#	Article	IF	Citations
163	Machine learning-augmented and microspectroscopy-informed multiparametric MRI for the non-invasive prediction of articular cartilage composition. Osteoarthritis and Cartilage, 2021, 29, 592-602.	1.3	12
164	Advancing diagnostic performance and clinical usability of neural networks via adversarial training and dual batch normalization. Nature Communications, 2021, 12, 4315.	12.8	12
165	Functional MRI Mapping of Human Meniscus Functionality and its Relation to Degeneration. Scientific Reports, 2020, 10, 2499.	3.3	12
166	PET/CT in lung cancer: Influence of contrast medium on quantitative and clinical assessment. European Radiology, 2012, 22, 2458-2464.	4.5	11
167	Porosity and tissue integration of elastic mesh implants evaluated in vitro and in vivo. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 827-833.	3.4	11
168	Electromagnetically Navigated In Situ Fenestration of Aortic Stent Grafts: Pilot Animal Study of a Novel Fenestrated EVAR Approach. CardioVascular and Interventional Radiology, 2018, 41, 170-176.	2.0	11
169	Accuracy of multi-parametric breast MR imaging for predicting pathological complete response of operable breast cancer prior to neoadjuvant systemic therapy. Magnetic Resonance Imaging, 2019, 62, 242-248.	1.8	11
170	Breast cancer screening in average-risk women: towards personalized screening. British Journal of Radiology, 2019, 92, 20190660.	2.2	11
171	The value of sorafenib trough levels in patients with advanced hepatocellular carcinoma â€“ a substudy of the SORAMIC trial. Acta OncolÃ³gica, 2020, 59, 1028-1035.	1.8	11
172	Multimodal Ultrasound Versus MRI for the Diagnosis and Monitoring of Achilles Tendinopathy: A Prospective Longitudinal Study. Orthopaedic Journal of Sports Medicine, 2021, 9, 232596712110068.	1.7	11
173	Intracranial Aneurysms: Is the Diagnostic Accuracy Rate of Multidetector CT Angiography Equivalent to That of Three-dimensional Rotational Conventional Angiography?. Radiology, 2008, 246, 982-984.	7.3	10
174	Multiphase CT scanning and different intravenous contrast media concentrations in combined F-18-FDG PET/CT: Effect on quantitative and clinical assessment. European Journal of Radiology, 2012, 81, e862-e869.	2.6	10
175	Simultaneous dual-isotope SPECT/CT with 99mTc- and 111In-labelled albumin microspheres in treatment planning for SIRT. European Radiology, 2013, 23, 3062-3070.	4.5	10
176	The influence of different contrast medium concentrations and injection protocols on quantitative and clinical assessment of FDGâ€“PET/CT in lung cancer. European Journal of Radiology, 2013, 82, e617-e622.	2.6	10
177	The Changing World of Breast Cancer. Plastic Surgical Nursing, 2016, 36, 31-49.	0.3	10
178	A serial multiparametric quantitative magnetic resonance imaging study to assess proteoglycan depletion of human articular cartilage and its effects on functionality. Scientific Reports, 2020, 10, 15106.	3.3	10
179	Magnetic resonance imaging of human knee joint functionality under variable compressive in-situ loading and axis alignment. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 110, 103890.	3.1	10
180	Multiphase CT-based prediction of Child-Pugh classification: a machine learning approach. European Radiology Experimental, 2020, 4, 20.	3.4	10

#	Article	IF	Citations
181	Different Intravenous Contrast Media Concentrations Do Not Affect Clinical Assessment of 18F-Fluorodeoxyglucose Positron Emission Tomography/Computed Tomography Scans in an Intraindividual Comparison. Investigative Radiology, 2012, 47, 497-502.	6.2	9
182	Mapping of Proton Relaxation Near Superparamagnetic Iron Oxide Particleâ€“Loaded Polymer Threads for Magnetic Susceptibility Difference Quantification. Investigative Radiology, 2012, 47, 359-367.	6.2	9
183	Contrast timing in computed tomography: Effect of different contrast media concentrations on bolus geometry. European Journal of Radiology, 2012, 81, e629-e632.	2.6	9
184	Integrative Teaching in Radiology â€“ A Survey. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2015, 187, 260-268.	1.3	9
185	Diagnostic Ability with Abbreviated Biparametric and Full Multiparametric Prostate MR Imaging: Is the Use of PI-RADS Version 2 Appropriate for Comparison?. Radiology, 2018, 286, 726-727.	7.3	9
186	A New Model for MR Evaluation of Liver Function with Gadoxetic Acid, Including Both Uptake and Excretion. European Radiology, 2019, 29, 383-391.	4.5	9
187	Human articular cartilage mechanosensitivity is related to histological degeneration â€“ a functional MRI study. Osteoarthritis and Cartilage, 2019, 27, 1711-1720.	1.3	9
188	RECIST Needs Revision: A Wake-up Call for Radiologists. Radiology, 2019, 292, 110-111.	7.3	9
189	A multi-purpose force-controlled loading device for cartilage and meniscus functionality assessment using advanced MRI techniques. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 101, 103428.	3.1	9
190	An MRI-compatible varusâ€“valgus loading device for whole-knee joint functionality assessment based on compartmental compression: a proof-of-concept study. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2020, 33, 839-854.	2.0	9
191	Report of the Working Groups on Breast MRI: Report of the High-Risk Screening Group. Breast Journal, 2004, 10, S9-S12.	1.0	8
192	Screening of Women with Hereditary Risk of Breast Cancer. Clinical Breast Cancer, 2004, 5, 269-271.	2.4	8
193	Percutaneous Treatment of Idiopathic Chylopericardium. Journal of Vascular and Interventional Radiology, 2009, 20, 842-846.	0.5	8
194	Black Box Integration of Computer-Aided Diagnosis into PACS Deserves a Second Chance: Results of a Usability Study Concerning Bone Age Assessment. Journal of Digital Imaging, 2013, 26, 698-708.	2.9	8
195	Body surface area adapted iopromide 300mg/ml versus 370mg/ml contrast medium injection protocol: Influence on quantitative and clinical assessment in combined PET/CT. European Journal of Radiology, 2013, 82, 2348-2352.	2.6	8
196	First in vivo visualization of MRIâ€visible IPOM in a rabbit model. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2014, 102, 1165-1169.	3.4	8
197	Impact of Preoperative Three-Dimensional Computed Tomography Cholangiography on Postoperative Resection Margin Status in Patients Operated due to Hilar Cholangiocarcinoma. Gastroenterology Research and Practice, 2017, 2017, 1-6.	1.5	8
198	Salvage RFA in patients with intrahepatic recurrence after major hepatic surgery for colorectal cancer liver metastases: mid-term outcome. European Radiology, 2020, 30, 1221-1227.	4.5	8

#	Article	IF	Citations
199	Primary Tumor Location Is a Prognostic Factor for Intrahepatic Progression-Free Survival in Patients with Colorectal Liver Metastases Undergoing Portal Vein Embolization as Preparation for Major Hepatic Surgery. Cancers, 2020, 12, 1638.	3.7	8
200	Semiâ€automated volumetry of MRI serves as a biomarker in neuromuscular patients. Muscle and Nerve, 2020, 61, 600-607.	2.2	8
201	Potential of spiral breast computed tomography to increase patient comfort compared to DM. European Journal of Radiology, 2021, 145, 110038.	2.6	8
202	Myopathy with lobulated fibers, cores, and rods caused by a mutation in collagen VI. Neurology, 2012, 79, 2288-2290.	1.1	7
203	Pilot study of nonâ€contrastâ€enhanced <scp>MRI</scp> vs. ultrasound in renal transplant recipients with acquired cystic kidney disease: a prospective intraâ€individual comparison. Clinical Transplantation, 2013, 27, E694-701.	1.6	7
204	Technical concepts for vascular electromagnetic navigated interventions: Aortic in situ fenestration and transjugular intrahepatic porto-systemic shunts. Biomedizinische Technik, 2014, 59, 153-63.	0.8	7
205	Utility of Magnetic Resonance Imaging to Monitor Surgical Meshes. Investigative Radiology, 2015, 50, 436-442.	6.2	7
206	Safety and Efficacy of Y-90 Radioembolization After Prior Major Hepatic Resection. CardioVascular and Interventional Radiology, 2017, 40, 1206-1212.	2.0	7
207	Comparison of Chronologic Change in the Size and Contrast-Enhancement of Ablation Zones on CT Images after Irreversible Electroporation and Radiofrequency Ablation. Korean Journal of Radiology, 2018, 19, 560.	3.4	7
208	Underdiagnosis is the main challenge in breast cancer screening. Lancet Oncology, The, 2019, 20, 1044-1046.	10.7	7
209	Does Drug-Eluting Bead TACE Enhance the Local Effect of IRE? Imaging and Histopathological Evaluation in a Porcine Model. CardioVascular and Interventional Radiology, 2019, 42, 880-885.	2.0	7
210	Magnetic resonance imaging and ultrasound for prediction of residual tumor size in early breast cancer within the ADAPT subtrials. Breast Cancer Research, 2021, 23, 36.	5.0	7
211	In vivo MRI visualization of parastomal mesh in a porcine model. Hernia: the Journal of Hernias and Abdominal Wall Surgery, 2014, 18, 663-670.	2.0	6
212	More Is More: Semiannual Breast MRI Screening in BRCA1 Mutation Carriers. Clinical Cancer Research, 2019, 25, 1693-1695.	7.0	6
213	Evaluation of Postoperative Changes in Patellar and Quadriceps Tendons after Total Knee Arthroplastyâ€“A Comprehensive Analysis by Shear Wave Elastography, Power Doppler and B-mode Ultrasound. Academic Radiology, 2020, 27, e148-e157.	2.5	6
214	Predictors of Occlusion of Hepatic Blood Vessels after Irreversible Electroporation of Liver Tumors. Journal of Vascular and Interventional Radiology, 2020, 31, 2033-2042.e1.	0.5	6
215	CT-based determination of excessive visceral adipose tissue is associated with an impaired survival in critically ill patients. PLoS ONE, 2021, 16, e0250321.	2.5	6
216	Detection of Microcalcifications in Spiral Breast Computed Tomography with Photon-Counting Detector Is Feasible: A Specimen Study. Diagnostics, 2021, 11, 848.	2.6	6

#	Article	IF	Citations
217	Macrophage migration inhibitory factor predicts an unfavorable outcome after transarterial chemoembolization for hepatic malignancies. Clinical and Translational Science, 2021, 14, 1853-1863.	3.1	6
218	You Get What You Pay For: Breast MRI Screening of Women With Dense Breasts Is Cost-effective. Journal of the National Cancer Institute, 2021, 113, 1439-1441.	6.3	6
219	Positive Contrast MRI Techniques for Visualization of Iron-Loaded Hernia Mesh Implants in Patients. PLoS ONE, 2016, 11, e0155717.	2.5	6
220	Development and validation of an intrinsic landmark-based gating protocol applicable for functional and molecular ultrasound imaging. European Radiology, 2012, 22, 1789-1796.	4.5	5
221	Contrast medium injection protocol adjusted for body surface area in combined PET/CT. European Radiology, 2013, 23, 1970-1977.	4.5	5
222	Single-needle electroporation and interstitial electrochemotherapy: in vivo safety and efficacy evaluation of a new system. European Radiology, 2019, 29, 6300-6308.	4.5	5
223	Early response by <scp>MR</scp> imaging and ultrasound as predictor of pathologic complete response to 12â€week neoadjuvant therapy for different early breast cancer subtypes: Combined analysis from the <scp>WSG ADAPT</scp> subtrials. International Journal of Cancer, 2021, 148, 2614-2627.	5.1	5
224	Accuracy of Chest CT for Differentiating COVID-19 from COVID-19 Mimics. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2021, 193, 1081-1091.	1.3	5
225	Can the predictive value of multiparametric <scp>MRI</scp> for prostate cancer be improved by a liquid biopsy with <scp>SelectMDx</scp>?. Cancer Reports, 2021, 4, e1396.	1.4	5
226	Induction of Contralateral Hepatic Hypertrophy by Unilobar Yttrium-90 Transarterial Radioembolization versus Portal Vein Embolization: An Animal Study. Journal of Vascular and Interventional Radiology, 2021, 32, 836-842.e2.	0.5	5
227	Factors That Drive Heterogeneity of Response-to-Treatment of Different Metastatic Deposits Within the Same Patients as Measured by RECIST 1.1 Analyses. Academic Radiology, 2021, 28, e235-e239.	2.5	5
228	No pressure, no diamonds? - Static vs. dynamic compressive in-situ loading to evaluate human articular cartilage functionality by functional MRI. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 120, 104558.	3.1	5
229	A Call for Improved Breast Cancer Screening Strategies, Not Only for Women With Dense Breasts. JAMA Network Open, 2021, 4, e2121492.	5.9	5
230	Let Us Move Out of Platoâ€™s Cave: The Greater Reality of DCIS. Radiology, 2021, 301, 78-80.	7.3	5
231	Surgical Treatment of Neonatal Mastitis by Periareolar Drainage. Current Pediatric Reviews, 2015, 10, 304-308.	0.8	5
232	Preoperative breast MRI and MR-guided surgery of invasive breast cancers with and without DCIS components.. Journal of Clinical Oncology, 2015, 33, 58-58.	1.6	5
233	Fast, Accurate, and Robust T2 Mapping of Articular Cartilage by Neural Networks. Diagnostics, 2022, 12, 688.	2.6	5
234	Influence of trigger type, tube voltage and heart rate on calcified plaque imaging in dual source cardiac computed tomography: phantom study. BMC Medical Imaging, 2014, 14, 30.	2.7	4

#	Article	IF	Citations
235	High-Pitch Carbon Dioxide Contrasted CT Angiography: Pilot Study. CardioVascular and Interventional Radiology, 2014, 37, 362-370.	2.0	4
236	Preoperative Embolization of the Celiac Axis or Common Hepatic Artery before Distal Pancreatectomy with Resection of the Celiac Axis. Journal of Vascular and Interventional Radiology, 2017, 28, 60-63.	0.5	4
237	White Paper: Interventional MRI: Current Status andÂPotential for Development Considering Economic Perspectives, Part 2: Liver and Other Applications in Oncology. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2017, 189, 1047-1054.	1.3	4
238	New approach for predictive measurement of knee cartilage defects with three-dimensional printing based on CT-arthrography: A feasibility study. Journal of Orthopaedics, 2017, 14, 95-103.	1.3	4
239	Predict, Then Act: Moving Toward Tailored Prevention. Journal of Clinical Oncology, 2019, 37, 943-945.	1.6	4
240	Impact of Multiparametric MRI (mMRI) on the Therapeutic Management of Adnexal Masses Detected with Transvaginal Ultrasound (TVUS): An Interdisciplinary Management Approach. Academic Radiology, 2020, , .	2.5	4
241	Relaxation-Enhanced Angiography without Contrast and Triggering (REACT) for pelvic MR venography in comparison to balanced gradient-echo and T2-weighted spin-echo techniques. Clinical Imaging, 2021, 74, 149-155.	1.5	4
242	Enlarged extracellular vesicles are a negative prognostic factor in patients undergoing TACE for primary or secondary liver cancerâ€“a case series. PLoS ONE, 2021, 16, e0255983.	2.5	4
243	MRI screening of women at average risk of breast cancer.. Journal of Clinical Oncology, 2013, 31, 21-21.	1.6	4
244	Characteristic changes of the ablation zone on contrast-enhanced computed tomography after radiofrequency ablation of hepatic metastases. Indian Journal of Radiology and Imaging, 2018, 28, 320-326.	0.8	4
245	Recurrent Colorectal Liver Metastases in the Liver Remnant After Major Liver Surgeryâ€”IRE as a Salvage Local Treatment When Resection and Thermal Ablation are Unsuitable. CardioVascular and Interventional Radiology, 2022, 45, 182-189.	2.0	4
246	Dr Kuhl and colleagues respond. Radiology, 1997, 205, 580-581.	7.3	3
247	Reconstructions with identical filling (RIF) of the heart: a physiological approach to image reconstruction in coronary CT angiography. European Radiology, 2012, 22, 2670-2678.	4.5	3
248	Detection of Clinically Significant Prostate Cancer by Using Abbreviated Biparametric Prostate MR Imaging. Radiology, 2018, 286, 1093-1094.	7.3	3
249	Magic Angle in Cardiac CT. Academic Radiology, 2018, 25, 898-903.	2.5	3
250	Microwave Ablation in the Proximity of Surgical Clips: Is there a Safety Issue?. CardioVascular and Interventional Radiology, 2020, 43, 918-923.	2.0	3
251	CT-based whole-body tumor volumetry versus RECIST 1.1: Feasibility and implications for inter-reader variability. European Journal of Radiology, 2021, 135, 109514.	2.6	3
252	Longitudinal T2 Mapping and Texture Feature Analysis in the Detection and Monitoring of Experimental Post-Traumatic Cartilage Degeneration. Life, 2021, 11, 201.	2.4	3

#	Article	IF	Citations
253	MRI-Based Quantitation of Hepatic Steatosis Does Not Predict Hypertrophy Rate after Portal Vein Embolization in Patients with Colorectal Liver Metastasis and Normal to Moderately Elevated Fat Fraction. Journal of Clinical Medicine, 2021, 10, 2003.	2.4	3
254	Decreased Bone Mineral Density Is a Predictor of Poor Survival in Critically Ill Patients. Journal of Clinical Medicine, 2021, 10, 3741.	2.4	3
255	Body Pushers: Low-Dose CT, Always the Best Choice? A Study of the Diagnostic Performance of CT Scout View. Open Journal of Radiology, 2017, 07, 112-120.	0.2	3
256	Volumetric measurements of target lesions: does it improve inter-reader variability for oncological response assessment according to RECIST 1.1 guidelines compared to standard unidimensional measurements?. Polish Journal of Radiology, 2021, 86, 594-600.	0.9	3
257	Reliability as a Precondition for Trustâ€"Segmentation Reliability Analysis of Radiomic Features Improves Survival Prediction. Diagnostics, 2022, 12, 247.	2.6	3
258	MRI Evaluation of the Contralateral Breast in Women With Recently Diagnosed Breast Cancer. Obstetrical and Gynecological Survey, 2007, 62, 456-458.	0.4	2
259	Should we undertake an MRI breast screening trial? â€“ Authors' reply. Lancet, The, 2007, 370, 1903-1904.	13.7	2
260	Ensuring High-Quality Breast MR Imaging Technique and Interpretation. Radiology, 2013, 266, 996-997.	7.3	2
261	Carbon Dioxide-Contrasted Computed Tomography Angiography: High Pitch Protocols and Adapted Injection Parameters Improve Imaging Quality. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2013, 185, 128-135.	1.3	2
262	Bipolar Radiofrequency Ablation: Development of a New Expandable Device. CardioVascular and Interventional Radiology, 2014, 37, 770-776.	2.0	2
263	Efficacy of Magnetic Thermoablation Using SPIO in the Treatment of Osteoid Osteoma in a Bovine Model Compared to Radiofrequency and Microwave Ablation. CardioVascular and Interventional Radiology, 2014, 37, 1053-1061.	2.0	2
264	Development and Evaluation of a Novel Curved Biopsy Device for CT-Guided Biopsy of Lesions Unreachable Using Standard Straight Needle Trajectories. CardioVascular and Interventional Radiology, 2017, 40, 924-929.	2.0	2
265	Feasibility of electromagnetically guided transjugular intrahepatic portosystemic shunt procedure. Minimally Invasive Therapy and Allied Technologies, 2017, 26, 15-22.	1.2	2
266	Mast Cell Activation Syndrome Mimicking Breast Cancer: Case Report With Pathophysiologic Considerations. Clinical Breast Cancer, 2018, 18, e271-e276.	2.4	2
267	Identifying the imaging correlates of cartilage functionality based on quantitative MRI mapping - The collagenase exposure model. Acta Biomaterialia, 2020, 117, 310-321.	8.3	2
268	Recanalization and Stenting of the Celiac and the Superior Mesenteric Artery Supported by Use of a Steerable Introducer Sheath: Report on 2 Yearsâ€™ Experience. Vascular and Endovascular Surgery, 2021, 55, 158-163.	0.7	2
269	Seeing Beyond Morphology-Standardized Stress MRI to Assess Human Knee Joint Instability. Diagnostics, 2021, 11, 1035.	2.6	2
270	Accelerated breast MRI for breast cancer screening.. Journal of Clinical Oncology, 2013, 31, 1-1.	1.6	2

#	Article	IF	Citations
271	Contrast-Enhanced Magnetic Resonance Angiography. Investigative Radiology, 1998, 33, 524-527.	6.2	2
272	Y90-radioembolization via variant hepatic arteries: Is there a relevant risk for non-target embolization?. World Journal of Radiology, 2019, 11, 102-109.	1.1	2
273	MRI breast screening â€“ Authors' reply. Lancet, The, 2008, 371, 1416.	13.7	1
274	CT Fluoroscopyâ€“Guided Placement of Inferior Vena Cava Filters: Feasibility Study in Pigs. Journal of Vascular and Interventional Radiology, 2011, 22, 1531-1534.	0.5	1
275	A Rare Complication Following Breast Implant Surgery: Capsular Contracture with a Cutaneous Silicone Fistula after Breast Reconstruction with Silicone Gel Implants. Breast Care, 2011, 6, 51-53.	1.4	1
276	Silicon Carbide-Enhanced Microwave Ablation in an Ex-Vivo Bovine Liver Model - Effects on Heat Distribution and Ablation Volume. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2012, 184, 542-547.	1.3	1
277	In.nrw Hyther: Electromagnetically navigated in situ fenestration of aortic stent grafts. Biomedizinische Technik, 2012, 57, .	0.8	1
278	Vascular Closure Devices after Endovascular Procedures in Swine: A Reliable Method?. Scientific World Journal, The, 2014, 2014, 1-4.	2.1	1
279	White Paper: Clinical Studies in Radiology. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2014, 186, 451-457.	1.3	1
280	A miniature accelerometer-based guidance device for percutaneous computed tomography-guided punctures. International Journal of Computer Assisted Radiology and Surgery, 2015, 10, 629-636.	2.8	1
281	Innovation in Breast Cancer Radiology. , 2017, , 205-246.		1
282	Leadless Cardiac Pacemaker (LCP) without Diagnostic Relevant Artifacts in DualSource and DualEnergy-CT Examinations in First- to Third-Generation DSCT Scanner. Academic Radiology, 2019, 26, 1071-1076.	2.5	1
283	Retrograde Recanalization of the Celiac Artery via the Pancreaticoduodenal Arcade as a Safe and Valid Alternative to Antegrade Access. Vascular and Endovascular Surgery, 2020, 54, 477-481.	0.7	1
284	MRI for depicting DCIS components of invasive breast cancers prior to surgery.. Journal of Clinical Oncology, 2016, 34, 1061-1061.	1.6	1
285	Influence of taxanes (docetaxel, paclitaxel) on response assessment in DCE MRI.. Journal of Clinical Oncology, 2015, 33, 132-132.	1.6	1
286	Effect of target lesions selection on between-reader variability of response assessment according to RECIST 1.1.. Journal of Clinical Oncology, 2017, 35, 2528-2528.	1.6	1
287	Computer-assisted Diagnosis of Pulmonary Embolism in Multidetector Computed Tomography. Hong Kong Journal of Radiology, 0, , 115-120.	0.1	1
288	Frï¿½herkennung des familiï¿½ren Mammakarzinoms. Onkologe, 2003, 9, 1020-1022.	0.7	0

#	Article	IF	Citations
289	Nonmammographic Screening for Breast Cancerâ€"Reply. JAMA - Journal of the American Medical Association, 2008, 300, 1515.	7.4	0
290	Reply to R.K. Schmutzler et al. Journal of Clinical Oncology, 2010, 28, e609-e610.	1.6	0
291	Investigation of magnetic nanoparticles incorporated within textile hernia implants. Biomedizinische Technik, 2012, 57, .	0.8	0
292	The depiction of labeled guidewires in a phantom in an interventional MRI setting. Biomedizinische Technik, 2013, 58 Suppl 1, .	0.8	0
293	MR-visualization of surgical textile implants. BioNanoMaterials, 2014, 15, .	1.4	0
294	Assessment of BI-RADS Category 4 Lesions or How Some Flaws in a Study Put into Question the Credibility of the Study Results. Radiology, 2015, 277, 612-613.	7.3	0
295	Endovascular placement of an extraluminal arterial bypass graft â€“in vitrofeasibility study. Minimally Invasive Therapy and Allied Technologies, 2016, 25, 323-328.	1.2	0
296	Transarterial Alcohol-Lipiodol Therapy in Patients withÂHepatocellular Carcinoma Using Low Alcohol Concentrations. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2016, 188, 676-683.	1.3	0
297	Reconstructions Using RIF in Motion Mapping Technique Have Substantially Less Arrhythmogenic Artifacts in Dual-source Coronary CTA. Academic Radiology, 2017, 24, 167-174.	2.5	0
298	Abbreviated breast biopsy procedure by registration of craniocaudal and mediolateral breast MR images. , 2018, , .		0
299	Semi-Automatic MRI Muscle Volumetry to Diagnose and Monitor Hereditary and Acquired Polyneuropathies. Brain Sciences, 2021, 11, 202.	2.3	0
300	Elevated soluble urokinase plasminogen activator receptor serum levels indicate poor survival following transarterial chemoembolization therapy for hepatic malignancies: An exploratory analysis. JGH Open, 2021, 5, 356-363.	1.6	0
301	In Reply. Deutsches Ärzteblatt International, 2021, 118, 66.	0.9	0
302	Safety and efficacy of right portal vein embolization in patients with prior leftâ€lateral liver resection. Acta Radiologica, 2021, , 028418512110141.	1.1	0
303	Reply to: Letter to the Editor on Endovascular Revascularization with Stent Implantation in Patients with Acute Mesenteric Ischemia Due to Acute Arterial Thrombosis: Clinical Outcome and Predictive Factors. CardioVascular and Interventional Radiology, 2021, 44, 2013-2014.	2.0	0
304	Evaluation of a Reduced Contrast Media Protocol in Thoracoabdominal Aortic High Pitch CT-Angiography. Open Journal of Radiology, 2015, 05, 177-188.	0.2	0
305	Prediction of Liver Function Based on DCE-CT. Informatik Aktuell, 2019, , 8-13.	0.6	0
306	Functional MR Imaging of Human Meniscus Is Associated with Histologic Degeneration. Seminars in Musculoskeletal Radiology, 2020, 24, .	0.7	0

#	Article	IF	Citations
307	Detectability of Target Lesion During CT-Guided Tumor Ablations: Impact on Ablation Outcome. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2021, , .	1.3	0
308	An accelerometer-based guidance device for CT-guided procedures: an improved wireless prototype. Minimally Invasive Therapy and Allied Technologies, 2021, , 1-7.	1.2	0
309	Automated major psoas muscle volumetry in computed tomography using machine learning algorithms. International Journal of Computer Assisted Radiology and Surgery, 2022, 17, 355-361.	2.8	0