

# Christiane K Kuhl

## List of Publications by Year in descending order

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309  
papers

19,746  
citations

18887

64  
h-index

13635

134  
g-index

331  
all docs

331  
docs citations

331  
times ranked

13617  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic Breast MR Imaging: Are Signal Intensity Time Course Data Useful for Differential Diagnosis of Enhancing Lesions?. <i>Radiology</i> , 1999, 211, 101-110.	3.6	1,186
2	Mammography, Breast Ultrasound, and Magnetic Resonance Imaging for Surveillance of Women at High Familial Risk for Breast Cancer. <i>Journal of Clinical Oncology</i> , 2005, 23, 8469-8476.	0.8	997
3	MRI Evaluation of the Contralateral Breast in Women with Recently Diagnosed Breast Cancer. <i>New England Journal of Medicine</i> , 2007, 356, 1295-1303.	13.9	842
4	The Current Status of Breast MR Imaging Part I. Choice of Technique, Image Interpretation, Diagnostic Accuracy, and Transfer to Clinical Practice. <i>Radiology</i> , 2007, 244, 356-378.	3.6	679
5	MRI for diagnosis of pure ductal carcinoma in situ: a prospective observational study. <i>Lancet</i> , The, 2007, 370, 485-492.	6.3	658
6	Breast MRI: guidelines from the European Society of Breast Imaging. <i>European Radiology</i> , 2008, 18, 1307-1318.	2.3	649
7	Breast MR Imaging Screening in 192 Women Proved or Suspected to Be Carriers of a Breast Cancer Susceptibility Gene: Preliminary Results. <i>Radiology</i> , 2000, 215, 267-279.	3.6	541
8	Abbreviated Breast Magnetic Resonance Imaging (MRI): First Postcontrast Subtracted Images and Maximum-Intensity Projection—A Novel Approach to Breast Cancer Screening With MRI. <i>Journal of Clinical Oncology</i> , 2014, 32, 2304-2310.	0.8	506
9	Diagnostic Architectural and Dynamic Features at Breast MR Imaging: Multicenter Study. <i>Radiology</i> , 2006, 238, 42-53.	3.6	469
10	Magnetic Resonance Imaging of the Breast Prior to Biopsy. <i>JAMA - Journal of the American Medical Association</i> , 2004, 292, 2735.	3.8	443
11	Prospective Multicenter Cohort Study to Refine Management Recommendations for Women at Elevated Familial Risk of Breast Cancer: The EVA Trial. <i>Journal of Clinical Oncology</i> , 2010, 28, 1450-1457.	0.8	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. <i>Journal of Nuclear Medicine</i> , 2012, 53, 796-804.	2.8	406
13	Healthy premenopausal breast parenchyma in dynamic contrast-enhanced MR imaging of the breast: normal contrast medium enhancement and cyclical-phase dependency.. <i>Radiology</i> , 1997, 203, 137-144.	3.6	405
14	Swarm Learning for decentralized and confidential clinical machine learning. <i>Nature</i> , 2021, 594, 265-270.	13.7	375
15	Current Status of Breast MR Imaging Part 2. Clinical Applications. <i>Radiology</i> , 2007, 244, 672-691.	3.6	367
16	Aortic dissection: a comparative study of diagnosis with spiral CT, multiplanar transesophageal echocardiography, and MR imaging.. <i>Radiology</i> , 1996, 199, 347-352.	3.6	357
17	Breast MRI: EUSOBI recommendations for women—™s information. <i>European Radiology</i> , 2015, 25, 3669-3678.	2.3	330
18	Imaging anisotropic and viscous properties of breast tissue by magnetic resonance-elasticity. <i>Magnetic Resonance in Medicine</i> , 2005, 53, 372-387.	1.9	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. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 746.	3.8	268
20	Dynamic Bilateral Contrast-enhanced MR Imaging of the Breast: Trade-off between Spatial and Temporal Resolution. <i>Radiology</i> , 2005, 236, 789-800.	3.6	249
21	Supplemental Breast MR Imaging Screening of Women with Average Risk of Breast Cancer. <i>Radiology</i> , 2017, 283, 361-370.	3.6	242
22	Development, standardization, and testing of a lexicon for reporting contrast-enhanced breast magnetic resonance imaging studies. <i>Journal of Magnetic Resonance Imaging</i> , 2001, 13, 889-895.	1.9	235
23	Mammographic, US, and MR Imaging Phenotypes of Familial Breast Cancer. <i>Radiology</i> , 2008, 246, 58-70.	3.6	216
24	Contrast-enhanced MRI for breast cancer screening. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 377-390.	1.9	199
25	Abbreviated Biparametric Prostate MR Imaging in Men with Elevated Prostate-specific Antigen. <i>Radiology</i> , 2017, 285, 493-505.	3.6	197
26	Dynamic image interpretation of MRI of the breast. <i>Journal of Magnetic Resonance Imaging</i> , 2000, 12, 965-974.	1.9	195
27	Interventional breast MR imaging: clinical use of a stereotactic localization and biopsy device.. <i>Radiology</i> , 1997, 204, 667-675.	3.6	193
28	Contrast-enhanced MR Imaging of the Breast at 3.0 and 1.5 T in the Same Patients: Initial Experience. <i>Radiology</i> , 2006, 239, 666-676.	3.6	166
29	Radiomic versus Convolutional Neural Networks Analysis for Classification of Contrast-enhancing Lesions at Multiparametric Breast MRI. <i>Radiology</i> , 2019, 290, 290-297.	3.6	161
30	Do T2-weighted pulse sequences help with the differential diagnosis of enhancing lesions in dynamic breast MRI?. <i>Journal of Magnetic Resonance Imaging</i> , 1999, 9, 187-196.	1.9	151
31	Implications of SENSE MR in routine clinical practice. <i>European Journal of Radiology</i> , 2003, 46, 3-27.	1.2	148
32	MRI detection of distinct incidental cancer in women with primary breast cancer studied in IBMC 6883. <i>Journal of Surgical Oncology</i> , 2005, 92, 32-38.	0.8	145
33	Randomly Segmented Central k-Space Ordering in High-Spatial-Resolution Contrast-enhanced MR Angiography of the Supraaortic Arteries: Initial Experience. <i>Radiology</i> , 2002, 225, 583-588.	3.6	144
34	Breast cancer screening in women with extremely dense breasts recommendations of the European Society of Breast Imaging (EUSOBI). <i>European Radiology</i> , 2022, 32, 4036-4045.	2.3	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. <i>European Radiology</i> , 2017, 27, 2737-2743.	2.3	136
36	MR Imaging-guided Large-Core (14-Gauge) Needle Biopsy of Small Lesions Visible at Breast MR Imaging Alone. <i>Radiology</i> , 2001, 220, 31-39.	3.6	132

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37	Dual-Source Parallel Radiofrequency Excitation Body MR Imaging Compared with Standard MR Imaging at 3.0 T: Initial Clinical Experience. <i>Radiology</i> , 2010, 256, 966-975.	3.6	128
38	Digital Breast Tomosynthesisâ€“guided Vacuum-assisted Breast Biopsy: Initial Experiences and Comparison with Prone Stereotactic Vacuum-assisted Biopsy. <i>Radiology</i> , 2015, 274, 654-662.	3.6	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. <i>Journal of Surgical Oncology</i> , 2005, 92, 9-15.	0.8	117
40	Whole-Body High-Field-Strength (3.0-T) MR Imaging in Clinical Practice Part I. Technical Considerations and Clinical Applications. <i>Radiology</i> , 2008, 246, 675-696.	3.6	114
41	The Significance of <sup>99m</sup> Tc-MAA SPECT/CT Liver Perfusion Imaging in Treatment Planning for <sup>90</sup> Y-Microsphere Selective Internal Radiation Treatment. <i>Journal of Nuclear Medicine</i> , 2010, 51, 1206-1212.	2.8	114
42	Shear Wave Elastography (SWE) for the Evaluation of Patients with Tendinopathies. <i>Academic Radiology</i> , 2016, 23, 1204-1213.	1.3	112
43	The requirements of a specialist breast centre. <i>Breast</i> , 2020, 51, 65-84.	0.9	111
44	Breast neoplasms: T2* susceptibility-contrast, first-pass perfusion MR imaging.. <i>Radiology</i> , 1997, 202, 87-95.	3.6	102
45	Effect of B <sub>1</sub> Inhomogeneity on Breast MR Imaging at 3.0 T. <i>Radiology</i> , 2007, 244, 929-930.	3.6	101
46	Intracranial Aneurysms: Role of Multidetector CT Angiography in Diagnosis and Endovascular Therapy Planning. <i>Radiology</i> , 2007, 244, 532-540.	3.6	101
47	Image-guided breast biopsy and localisation: recommendations for information to women and referring physicians by the European Society of Breast Imaging. <i>Insights Into Imaging</i> , 2020, 11, 12.	1.6	96
48	Pre-operative staging of breast cancer with breast MRI: One step forward, two steps back?. <i>Breast</i> , 2007, 16, 34-44.	0.9	95
49	Breast ultrasound: recommendations for information to women and referring physicians by the European Society of Breast Imaging. <i>Insights Into Imaging</i> , 2018, 9, 449-461.	1.6	95
50	Acute and Subacute Ischemic Stroke at High-Field-Strength (3.0-T) Diffusion-weighted MR Imaging: Intraindividual Comparative Study. <i>Radiology</i> , 2005, 234, 509-516.	3.6	92
51	Abbreviated Magnetic Resonance Imaging (MRI) for Breast Cancer Screening: Rationale, Concept, and Transfer to Clinical Practice. <i>Annual Review of Medicine</i> , 2019, 70, 501-519.	5.0	92
52	Brain Tumors: Full- and Half-Dose Contrast-enhanced MR Imaging at 3.0 T Compared with 1.5 Tâ€“Initial Experience. <i>Radiology</i> , 2005, 237, 1014-1019.	3.6	87
53	Diagnostic usefulness of segmental and linear enhancement in dynamic breast MRI. <i>European Radiology</i> , 2005, 15, 2010-2017.	2.3	85
54	The management of lobular carcinoma in situ (LCIS). Is LCIS the same as ductal carcinoma in situ (DCIS)?. <i>European Journal of Cancer</i> , 2006, 42, 2205-2211.	1.3	81

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55	Breast MR Imaging during or Soon after Radiation Therapy. <i>Radiology</i> , 2003, 229, 893-901.	3.6	80
56	Value of MRI in medicine: More than just another test?. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, e14-e25.	1.9	78
57	MR Imaging of Pneumonia in Immunocompromised Patients. <i>American Journal of Roentgenology</i> , 2000, 175, 391-397.	1.0	75
58	Safety and toxicity of radioembolization plus Sorafenib in advanced hepatocellular carcinoma: analysis of the European multicentre trial <scp>SORAMIC</scp>. <i>Liver International</i> , 2015, 35, 620-626.	1.9	74
59	Radiomics feature reproducibility under inter-rater variability in segmentations of CT images. <i>Scientific Reports</i> , 2020, 10, 12688.	1.6	74
60	Midterm Safety and Efficacy of Irreversible Electroporation of Malignant Liver Tumors Located Close to Major Portal or Hepatic Veins. <i>Radiology</i> , 2017, 285, 1023-1031.	3.6	73
61	Low-Molecular-Weight Iron Chelates May Be an Alternative to Gadolinium-based Contrast Agents for T1-weighted Contrast-enhanced MR Imaging. <i>Radiology</i> , 2018, 286, 537-546.	3.6	72
62	Sensitivity Encoding for Diffusion-weighted MR Imaging at 3.0 T: Intraindividual Comparative Study. <i>Radiology</i> , 2005, 234, 517-526.	3.6	71
63	Influence of preoperative MRI on the surgical management of patients with operable breast cancer. <i>Breast Cancer Research and Treatment</i> , 2008, 111, 179-187.	1.1	71
64	GATA1-Mediated Megakaryocyte Differentiation and Growth Control Can Be Uncoupled and Mapped to Different Domains in GATA1. <i>Molecular and Cellular Biology</i> , 2005, 25, 8592-8606.	1.1	67
65	Adverse Events after Unenhanced and Monomeric and Dimeric Contrast-enhanced CT: A Prospective Randomized Controlled Trial. <i>Radiology</i> , 2006, 240, 56-64.	3.6	67
66	Assessment of BI-RADS Category 4 Lesions Detected with Screening Mammography and Screening US: Utility of MR Imaging. <i>Radiology</i> , 2015, 274, 343-351.	3.6	67
67	Abbreviated breast MRI for screening women with dense breast: the EA1141 trial. <i>British Journal of Radiology</i> , 2018, 91, 20170441.	1.0	66
68	Concepts for Differential Diagnosis in Breast MR Imaging. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2006, 14, 305-328.	0.6	62
69	High-Field-Strength MR Imaging of the Liver at 3.0 T: Intraindividual Comparative Study with MR Imaging at 1.5 T. <i>Radiology</i> , 2006, 241, 156-166.	3.6	60
70	Why Do Purely Intraductal Cancers Enhance on Breast MR Images?. <i>Radiology</i> , 2009, 253, 281-283.	3.6	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. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, .	1.3	58
72	Validity of RECIST Version 1.1 for Response Assessment in Metastatic Cancer: A Prospective, Multireader Study. <i>Radiology</i> , 2019, 290, 349-356.	3.6	58

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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. <i>Radiology</i> , 2017, 284, 645-655.	3.6	56
74	Effects of Tamoxifen and Aromatase Inhibitors on Breast Tissue Enhancement in Dynamic Contrast-enhanced Breast MR Imaging: A Longitudinal Intraindividual Cohort Study. <i>Radiology</i> , 2014, 271, 45-55.	3.6	54
75	Three-dimensional Dynamic Susceptibility-weighted Perfusion MR Imaging at 3.0 T: Feasibility and Contrast Agent Dose. <i>Radiology</i> , 2005, 234, 869-877.	3.6	52
76	Breast MR Imaging at 3T. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2007, 15, 315-320.	0.6	52
77	In vivo MRI visualization of mesh shrinkage using surgical implants loaded with superparamagnetic iron oxides. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2012, 26, 1468-1475.	1.3	52
78	The significance of bremsstrahlung SPECT/CT after yttrium-90 radioembolization treatment in the prediction of extrahepatic side effects. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2012, 39, 309-315.	3.3	52
79	Axillary lymphadenopathy at the time of COVID-19 vaccination: ten recommendations from the European Society of Breast Imaging (EUSOBI). <i>Insights Into Imaging</i> , 2021, 12, 119.	1.6	51
80	Whole-Body High-Field-Strength (3.0-T) MR Imaging in Clinical Practice— Part II. Technical Considerations and Clinical Applications. <i>Radiology</i> , 2008, 247, 16-35.	3.6	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). <i>CardioVascular and Interventional Radiology</i> , 2021, 44, 21-35.	0.9	49
82	Shear Wave Elastography (SWE) for Monitoring of Treatment of Tendinopathies. <i>Academic Radiology</i> , 2018, 25, 265-272.	1.3	48
83	Breast Cancer: Influence of Taxanes on Response Assessment with Dynamic Contrast-enhanced MR Imaging. <i>Radiology</i> , 2015, 277, 687-696.	3.6	47
84	3.0-T high-field magnetic resonance imaging of the female pelvis: preliminary experiences. <i>European Radiology</i> , 2005, 15, 639-644.	2.3	44
85	Diffusion-weighted MRI does not reflect kidney fibrosis in a rat model of fibrosis. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 990-998.	1.9	44
86	MRI of the pelvis at 3T: very high spatial resolution with sensitivity encoding and flip-angle sweep technique in clinically acceptable scan time. <i>European Radiology</i> , 2006, 16, 634-641.	2.3	43
87	Does MRI Breast "Density" (Degree of Background Enhancement) Correlate With Mammographic Breast Density?. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 483-489.	1.9	43
88	Management of women at high risk for breast cancer: New imaging beyond mammography. <i>Breast</i> , 2005, 14, 480-486.	0.9	42
89	The Changing World of Breast Cancer. <i>Investigative Radiology</i> , 2015, 50, 615-628.	3.5	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. <i>Breast Cancer Research</i> , 2018, 20, 13.	2.2	40

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91	Who may benefit from preoperative breast MRI? A single-center analysis of 1102 consecutive patients with primary breast cancer. <i>Breast Cancer Research and Treatment</i> , 2015, 153, 531-537.	1.1	39
92	Quantitative OCT and MRI biomarkers for the differentiation of cartilage degeneration. <i>Skeletal Radiology</i> , 2016, 45, 505-516.	1.2	39
93	Sensitivity Encoding (SENSE) for High Spatial Resolution Time-of-Flight MR Angiography of the Intracranial Arteries at 3.0T. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2004, 176, 21-26.	0.7	38
94	CT-based temperature monitoring during hepatic RF ablation: Feasibility in an animal model. <i>International Journal of Hyperthermia</i> , 2012, 28, 55-61.	1.1	38
95	IL-6 and IL-8 Serum Levels Predict Tumor Response and Overall Survival after TACE for Primary and Secondary Hepatic Malignancies. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1766.	1.8	38
96	Ex vivo quantitative multiparametric MRI mapping of human meniscus degeneration. <i>Skeletal Radiology</i> , 2016, 45, 1649-1660.	1.2	36
97	Sensitivity Encoding for Fast MR Imaging of the Brain in Patients with Stroke. <i>Radiology</i> , 2003, 228, 669-675.	3.6	35
98	Functional 3.0-T MR Assessment of Higher Cognitive Function: Are There Advantages over 1.5-T Imaging?. <i>Radiology</i> , 2005, 234, 860-868.	3.6	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. <i>Investigative Radiology</i> , 2015, 50, 409-415.	3.5	35
100	Functional MR Imaging Mapping of Human Articular Cartilage Response to Loading. <i>Radiology</i> , 2017, 282, 464-474.	3.6	35
101	Sarcopenia Is a Negative Prognostic Factor in Patients Undergoing Transarterial Chemoembolization (TACE) for Hepatic Malignancies. <i>Cancers</i> , 2019, 11, 1503.	1.7	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. <i>Radiology</i> , 2006, 241, 538-545.	3.6	33
104	MRI-Guided Breast Biopsy: Influence of Choice of Vacuum Biopsy System on the Mode of Biopsy of MRI-Only Suspicious Breast Lesions. <i>American Journal of Roentgenology</i> , 2010, 194, 1650-1657.	1.0	33
105	3.0 T Neuroimaging: Technical Considerations and Clinical Applications. <i>Neuroimaging Clinics of North America</i> , 2006, 16, 217-228.	0.5	32
106	Extracoronary Thoracic and Coronary Artery Calcifications on Chest CT for Lung Cancer Screening. <i>Academic Radiology</i> , 2015, 22, 880-889.	1.3	32
107	Lymphatic Interventions for Treatment of Chylothorax. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2015, 187, 584-588.	0.7	32
108	Low-Dose Chest CT for the Diagnosis of COVID-19. <i>Deutsches A&amp;#x0308;rztblatt International</i> , 2020, 117, 389-395.	0.6	32



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109	The "Coming of Age" of Nonmammographic Screening for Breast Cancer. JAMA - Journal of the American Medical Association, 2008, 299, 2203.	3.8	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.	3.0	31
111	Stentgraft Implantation for the Treatment of Postoperative Hepatic Artery Pseudoaneurysm. CardioVascular and Interventional Radiology, 2016, 39, 575-581.	0.9	30
112	First In-Human Magnetic Resonance Visualization of Surgical Mesh Implants for Inguinal Hernia Treatment. Investigative Radiology, 2013, 48, 770-778.	3.5	29
113	Shear Wave Elastography (SWE) for the Evaluation of Patients with Plantar Fasciitis. Academic Radiology, 2020, 27, 363-370.	1.3	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.	0.5	29
115	Liver Dysplasia: US Molecular Imaging with Targeted Contrast Agent Enables Early Assessment. Radiology, 2013, 267, 487-495.	3.6	28
116	Jugular bulb abnormalities in patients with Meniere's disease using high-resolution computed tomography. European Archives of Oto-Rhino-Laryngology, 2015, 272, 1879-1884.	0.8	28
117	Sensitivity encoding (SENSE) for contrast-enhanced 3D MR angiography of the abdominal arteries. Journal of Magnetic Resonance Imaging, 2005, 22, 559-565.	1.9	27
118	Target Lesion Selection. Investigative Radiology, 2014, 49, 509-517.	3.5	27
119	Dynamic Contrast-enhanced Breast MR Imaging in Men: Preliminary Results. Radiology, 2006, 238, 438-445.	3.6	26
120	Contrast-enhanced postmortem computed tomography in clinical pathology: enhanced value of 20 clinical autopsies. Human Pathology, 2014, 45, 1813-1823.	1.1	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.	1.3	26
122	Stroke as Initial Manifestation of Adenosine Deaminase 2 Deficiency. Neuropediatrics, 2017, 48, 111-114.	0.3	25
123	Time-Dependent Changes of Magnetic Resonance Imaging "Visible Mesh Implants in Patients. Investigative Radiology, 2014, 49, 439-444.	3.5	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.	0.6	23
125	Transrenal Ureter Occlusion with an Amplatzer Vascular Plug. Journal of Vascular and Interventional Radiology, 2009, 20, 1390-1392.	0.2	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.	0.4	23



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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.	0.7	22
128	Magnetic Resonance Imaging Findings After Percutaneous Irreversible Electroporation of Liver Metastases. Investigative Radiology, 2017, 52, 23-29.	3.5	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.	2.3	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.	0.7	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.	1.4	20
132	Safety and Efficacy of Magnetic Resonance-Guided Vacuum-Assisted Large-Volume Breast Biopsy (MR-Guided VALB). Investigative Radiology, 2017, 52, 186-193.	3.5	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.	0.9	20
134	Detection of Early-Stage Degeneration in Human Articular Cartilage by Multiparametric MR Imaging Mapping of Tissue Functionality. Scientific Reports, 2019, 9, 5895.	1.6	19
135	Transcranial Shear Wave Elastography of Neonatal and Infant Brains for Quantitative Evaluation of Increased Intracranial Pressure. Investigative Radiology, 2019, 54, 719-727.	3.5	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.	2.3	18
137	Novel TPM3 mutation in a family with cap myopathy and review of the literature. Neuromuscular Disorders, 2014, 24, 117-124.	0.3	18
138	Non-invasive T1 $\rho$ -mapping of the human cartilage response to loading and unloading. Osteoarthritis and Cartilage, 2018, 26, 236-244.	0.6	18
139	How MRI Compatible is "MRI Compatible"? A Systematic Comparison of Artifacts Caused by Biopsy Needles at 3.0 and 1.5T. CardioVascular and Interventional Radiology, 2013, 36, 1646-1657.	0.9	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.	3.5	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.	3.5	17
142	Diffusion-weighted MRI Is Superior to PET/CT in Predicting Survival of Patients Undergoing $\geq 90\%$ Radioembolization of Hepatic Metastases. Radiology, 2018, 288, 764-773.	3.6	17
143	The Long Route to Standardized Radiomics: Unraveling the Knot from the End. Radiology, 2020, 295, 339-341.	3.6	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.	4.2	17

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145	Progressive Sarcopenia Correlates with Poor Response and Outcome to Immune Checkpoint Inhibitor Therapy. <i>Journal of Clinical Medicine</i> , 2021, 10, 1361.	1.0	16
146	Endovascular Revascularization with Stent Implantation in Patients with Acute Mesenteric Ischemia due to Acute Arterial Thrombosis: Clinical Outcome and Predictive Factors. <i>CardioVascular and Interventional Radiology</i> , 2021, 44, 1030-1038.	0.9	16
147	Bridging the integration gap between imaging and information systems: a uniform data concept for content-based image retrieval in computer-aided diagnosis. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2011, 18, 506-510.	2.2	15
148	The Use of Contrast-Enhanced Post Mortem CT in the Detection of Cardiovascular Deaths. <i>PLoS ONE</i> , 2014, 9, e93101.	1.1	15
149	Multi Scale Curriculum CNN for Context-Aware Breast MRI Malignancy Classification. <i>Lecture Notes in Computer Science</i> , 2019, , 495-503.	1.0	15
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