

Hans-Ulrich Kauczor

List of Publications by Year in descending order

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Version: 2024-02-01

230
papers

7,780
citations

71061

41
h-index

66879

78
g-index

235
all docs

235
docs citations

235
times ranked

10946
citing authors

#	ARTICLE	IF	CITATIONS
1	CT Angiography Clot Burden Score from Data Mining of Structured Reports for Pulmonary Embolism. <i>Radiology</i> , 2022, 302, 175-184.	3.6	12
2	Therapeutic lymphography for persistent chyle leak after pancreatic surgery. <i>Hpb</i> , 2022, 24, 616-623.	0.1	5
3	Utility of Automated Cardiac Chamber Volumetry by Non-Gated CT Pulmonary Angiography for Detection of Pulmonary Hypertension Using the 2018 Updated Hemodynamic Definition. <i>American Journal of Roentgenology</i> , 2022, , .	1.0	0
4	Treatment of Postoperative Lymphatic Leakage Applying Transpedal Lymphangiography â€œ Experience in 355 Consecutive Patients. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2022, 194, 634-643.	0.7	4
5	Imaging Biomarkers in Thoracic Oncology: Current Advances in the Use of Radiomics in Lung Cancer Patients and its Potential Use for Therapy Response Prediction and Monitoring. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2022, , .	0.7	0
6	Dual-Layer Spectral Detector CT in Comparison with FDG-PET/CT for the Assessment of Lymphoma Activity. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2022, 194, 747-754.	0.7	3
7	Changes in Kidney Fat upon Dietary-Induced Weight Loss. <i>Nutrients</i> , 2022, 14, 1437.	1.7	5
8	Prospective Study of Low-Radiation and Low-Iodine Dose Aortic CT Angiography in Obese and Non-Obese Patients: Image Quality and Impact of Patient Characteristics. <i>Diagnostics</i> , 2022, 12, 675.	1.3	5
9	Diagnostic accuracy of automated 3D volumetry of cardiac chambers by CT pulmonary angiography for identification of pulmonary hypertension due to left heart disease. <i>European Radiology</i> , 2022, , 1.	2.3	3
10	Magnetic resonance imaging detects improvements of pulmonary and paranasal sinus abnormalities in response to elexacaftor/tezacaftor/ivacaftor therapy in adults with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2022, 21, 1053-1060.	0.3	39
11	Dual-Layer Spectral CTA for TAVI Planning Using a Split-Phase Protocol and Low-keV Virtual Monoenergetic Images: Improved Image Quality in Comparison with Single-Phase Conventional CTA. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2022, 194, 652-659.	0.7	4
12	Acquisition of a Dose Management System with Consideration ofÂMedico-Legal and Economic Aspects. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2022, 194, 363-372.	0.7	0
13	Incidental findings on lung cancer screening: pictorial essay and systematic checklist. <i>Jornal Brasileiro De Pneumologia</i> , 2022, 48, e20210371.	0.4	4
14	Jointly Optimized Deep Neural Networks to Synthesize Monoenergetic Images from Single-Energy CT Angiography for Improving Classification of Pulmonary Embolism. <i>Diagnostics</i> , 2022, 12, 1224.	1.3	2
15	Synopsis from Expanding Applications of Pulmonary MRI in the Clinical Evaluation of Lung Disorders. <i>Chest</i> , 2021, 159, 492-495.	0.4	12
16	Use of Chest Imaging in the Diagnosis and Management of COVID-19: A WHO Rapid Advice Guide. <i>Radiology</i> , 2021, 298, E63-E69.	3.6	125
17	Correlation Between Traumatic Skin and Subcutaneous Injuries andÂthe Severity of Polytrauma Injury. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2021, 193, 177-185.	0.7	2
18	Lung Screening Benefits and Challenges: A Review of The Data and Outline for Implementation. <i>Journal of Thoracic Oncology</i> , 2021, 16, 37-53.	0.5	58

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19	Balanced steady-state free precession MRCP is a robust alternative to respiration-navigated 3D turbo-spin-echo MRCP. BMC Medical Imaging, 2021, 21, 10.	1.4	3
20	Analyzing Longitudinal wb-MRI Data and Clinical Course in a Cohort of Former Smoldering Multiple Myeloma Patients: Connections between MRI Findings and Clinical Progression Patterns. Cancers, 2021, 13, 961.	1.7	8
21	Evaluation of cross-sectional imaging features that aid in the differentiation of benign and malignant splenic lesions. European Journal of Radiology, 2021, 136, 109549.	1.2	3
22	Appropriateness of CT pulmonary angiograms according to current diagnostic guidelines based on risk stratification: A retrospective single-center study. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2021, 165, 51-56.	0.2	0
23	Chest CT Diagnosis and Clinical Management of Drug-related Pneumonitis in Patients Receiving Molecular Targeting Agents and Immune Checkpoint Inhibitors: A Position Paper from the Fleischner Society. Radiology, 2021, 298, 550-566.	3.6	53
24	Chest CT Diagnosis and Clinical Management of Drug-Related Pneumonitis in Patients Receiving Molecular Targeting Agents and Immune Checkpoint Inhibitors. Chest, 2021, 159, 1107-1125.	0.4	53
25	Single-energy versus dual-energy imaging during CT-guided biopsy using dedicated metal artifact reduction algorithm in an in vivo pig model. PLoS ONE, 2021, 16, e0249921.	1.1	3
26	A reporting and analysis framework for structured evaluation of COVID-19 clinical and imaging data. Npj Digital Medicine, 2021, 4, 69.	5.7	5
27	Lung cancer prediction by Deep Learning to identify benign lung nodules. Lung Cancer, 2021, 154, 1-4.	0.9	76
28	Prediction of Low-KeV Monochromatic Images From Polyenergetic CT Scans For Improved Automatic Detection of Pulmonary Embolism. , 2021, , .		1
29	Consolidated lung on contrast-enhanced chest CT: the use of spectral-detector computed tomography parameters in differentiating atelectasis and pneumonia. Heliyon, 2021, 7, e07066.	1.4	4
30	Echo <sc>Timeâ€œDependent</sc> Observed Lung <sc>T₁</sc> in Patients With Chronic Obstructive Pulmonary Disease in Correlation With Quantitative Imaging and Clinical Indices. Journal of Magnetic Resonance Imaging, 2021, 54, 1562-1571.	1.9	6
31	⁶⁸ Ga-FAPI-PET/CT improves diagnostic staging and radiotherapy planning of adenoid cystic carcinomas â€œ Imaging analysis and histological validation. Radiotherapy and Oncology, 2021, 160, 192-201.	0.3	40
32	Diffusivity mapping of the ovaries: Variability of apparent diffusion and kurtosis variables over the menstrual cycle and influence of oral contraceptives. Magnetic Resonance Imaging, 2021, 80, 50-57.	1.0	0
33	Clinical Characteristics and Outcomes of Colorectal Cancer in the ColoCare Study: Differences by Age of Onset. Cancers, 2021, 13, 3817.	1.7	15
34	¹⁸ F-labeled tracers targeting fibroblast activation protein. EJNMMI Radiopharmacy and Chemistry, 2021, 6, 26.	1.8	38
35	Simultaneous presence of the â€œbullseyeâ€œ and â€œreversed haloâ€œ sign at CT of COVID-19 pneumonia: A case report. Radiology Case Reports, 2021, 16, 2442-2446.	0.2	2
36	Dorsal Root Ganglion Morphometric Changes Under Oxaliplatin Treatment. Clinical Neuroradiology, 2021, , 1.	1.0	1

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37	Iodine concentration and tissue attenuation in dual-energy contrast-enhanced CT as a potential quantitative parameter in early detection of local pancreatic carcinoma recurrence after surgical resection. <i>European Journal of Radiology</i> , 2021, 143, 109944.	1.2	8
38	Assessment of tissue perfusion of pancreatic cancer as potential imaging biomarker by means of Intravoxel incoherent motion MRI and CT perfusion: correlation with histological microvessel density as ground truth. <i>Cancer Imaging</i> , 2021, 21, 13.	1.2	17
39	Restricted Water Diffusion in Diffusion-Weighted Magnetic Resonance Imaging in Pancreatic Cancer is Associated with Tumor Hypoxia. <i>Cancers</i> , 2021, 13, 89.	1.7	7
40	COVID-19 pneumonia and its lookalikes: How radiologists perform in differentiating atypical pneumonias. <i>European Journal of Radiology</i> , 2021, 144, 110002.	1.2	9
41	Epithelial-to-Mesenchymal Transition in Pancreatic Cancer is associated with Restricted Water Diffusion in Diffusion-Weighted Magnetic Resonance Imaging. <i>Journal of Cancer</i> , 2021, 12, 7488-7497.	1.2	1
42	Feasibility of using half-dose Gd-BOPTA for delayed gadolinium-enhanced MRI of cartilage (dGEMRIC) at the knee, compared with standard-dose Gd-DTPA. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 144-154.	1.9	5
43	Contrast-Enhanced Ultrasound (CEUS) Identifies Perfusion Differences Between Tibial Fracture Unions and Non-Unions. <i>Ultraschall in Der Medizin</i> , 2020, 41, 44-51.	0.8	14
44	Preoperative deltoid assessment by contrast-enhanced ultrasound (CEUS) as predictor for shoulder function after reverse shoulder arthroplasty: a prospective pilot study. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2020, 140, 1001-1012.	1.3	20
45	Imaging-Based 4D Aortic Pressure Mapping in Marfan Syndrome Patients: A Matched Case-Control Study. <i>Annals of Thoracic Surgery</i> , 2020, 109, 1434-1440.	0.7	7
46	Current state of the art MRI for the longitudinal assessment of cystic fibrosis. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 1306-1320.	1.9	53
47	Cost-effectiveness of lung MRI in lung cancer screening. <i>European Radiology</i> , 2020, 30, 1738-1746.	2.3	23
48	Intra-observer and Device-Dependent Inter-observer Reliability of Contrast-Enhanced Ultrasound for Muscle Perfusion Quantification. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 275-285.	0.7	19
49	Impact of MRI, CT, and Clinical Characteristics on Microbial Pathogen Detection Using CT-Guided Biopsy for Suspected Spondylodiscitis. <i>Journal of Clinical Medicine</i> , 2020, 9, 32.	1.0	11
50	Virtual monoenergetic reconstructions of dynamic DECT acquisitions for calculation of perfusion maps of blood flow: Quantitative comparison to conventional, dynamic 80 kVp CT perfusion. <i>European Journal of Radiology</i> , 2020, 131, 109262.	1.2	1
51	Intraarticular Osteoid Osteoma: MRI Characteristics and Clinical Presentation Before and After Radiofrequency Ablation Compared to Extraarticular Osteoid Osteoma. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2020, 192, 1190-1199.	0.7	11
52	3-T2 mapping magnetic resonance imaging for biochemical assessment of normal and damaged glenoid cartilage: a prospective arthroscopy-controlled study. <i>Scientific Reports</i> , 2020, 10, 14396.	1.6	5
53	Expanding Applications of Pulmonary MRI in the Clinical Evaluation of Lung Disorders: Fleischner Society Position Paper. <i>Radiology</i> , 2020, 297, 286-301.	3.6	95
54	Influence of acquisition settings and radiation exposure on CT lung densitometry—An anthropomorphic ex vivo phantom study. <i>PLoS ONE</i> , 2020, 15, e0237434.	1.1	6

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55	Mesopolysaccharides: The extracellular surface layer of visceral organs. PLoS ONE, 2020, 15, e0238798.	1.1	13
56	Spatial Distribution of Focal Lesions in Whole-Body MRI and Influence of MRI Protocol on Staging in Patients with Smoldering Multiple Myeloma According to the New SLiM-CRAB-Criteria. Cancers, 2020, 12, 2537.	1.7	7
57	The Role of CT-Quantified Body Composition on Longitudinal Health-Related Quality of Life in Colorectal Cancer Patients: The Colocare Study. Nutrients, 2020, 12, 1247.	1.7	11
58	Image quality evaluation of dual-layer spectral CT in comparison to single-layer CT in a reduced-dose setting. European Radiology, 2020, 30, 5709-5719.	2.3	10
59	Recommendations of the Thoracic Imaging Section of the German Radiological Society for clinical application of chest imaging and structured CT reporting in the COVID-19 pandemic. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2020, 192, 633-640.	0.7	30
60	ESR/ERS statement paper on lung cancer screening. European Respiratory Journal, 2020, 55, 1900506.	3.1	57
61	Ultra-High-Value Kurtosis Imaging for Noninvasive Tissue Characterization of Ovarian Lesions. Radiology, 2020, 296, 358-369.	3.6	10
62	Physicochemical and biopharmaceutical characterization of novel Matrix-Liposomes. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 153, 158-167.	2.0	2
63	MRI patterns indicate treatment success and tumor relapse following radiofrequency ablation of osteoblastoma. International Journal of Hyperthermia, 2020, 37, 274-282.	1.1	3
64	Conventional Lymphangiography (CL) in the Management of Postoperative Lymphatic Leakage (PLL): A Systematic Review. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2020, 192, 1025-1035.	0.7	26
65	CT features in amyloidosis of the respiratory system – Comprehensive analysis in a tertiary referral center cohort. European Journal of Radiology, 2020, 129, 109123.	1.2	9
66	Diffusion Kurtosis Imaging – A Superior Approach to Assess Tumor Stroma Ratio in Pancreatic Ductal Adenocarcinoma. Cancers, 2020, 12, 1656.	1.7	13
67	Echo Time Dependence of Observed Lung T_2 in Patients With Cystic Fibrosis and Correlation With Clinical Metrics. Journal of Magnetic Resonance Imaging, 2020, 52, 1645-1654.	1.9	17
68	Feasibility of using half-dose Gd-BOPTA for delayed gadolinium-enhanced MRI of cartilage (dGEMRIC) at the knee, compared with standard-dose Gd-DTPA. Journal of Magnetic Resonance Imaging, 2020, 51, spcone.	1.9	0
69	The Role of Chest Imaging in Patient Management During the COVID-19 Pandemic. Chest, 2020, 158, 106-116.	0.4	832
70	ESR/ERS statement paper on lung cancer screening. European Radiology, 2020, 30, 3277-3294.	2.3	83
71	Impact of needle positioning on ablation success of irreversible electroporation: a unicentric retrospective analysis. Scientific Reports, 2020, 10, 21902.	1.6	14
72	Improving radiologic communication in oncology: a single-centre experience with structured reporting for cancer patients. Insights Into Imaging, 2020, 11, 106.	1.6	11

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73	Impact of progressive resistance training on CT quantified muscle and adipose tissue compartments in pancreatic cancer patients. PLoS ONE, 2020, 15, e0242785.	1.1	13
74	Changes in Bone Marrow Fat upon Dietary-Induced Weight Loss. Nutrients, 2020, 12, 1509.	1.7	8
75	The Role of CT in the Diagnosis of COVID-19. Deutsches Ärzteblatt International, 2020, 117, 387-388.	0.6	0
76	Gradual enhancement pattern of tracheobronchial adenoid cystic carcinoma on multiphasic dynamic computed tomographyâ€¦â€¦a case series. Journal of Medical Investigation, 2020, 67, 378-381.	0.2	0
77	Title is missing!. , 2020, 15, e0242785.		0
78	Title is missing!. , 2020, 15, e0242785.		0
79	Title is missing!. , 2020, 15, e0242785.		0
80	Title is missing!. , 2020, 15, e0242785.		0
81	GOLD stage predicts thoracic aortic calcifications in patients with COPD. Experimental and Therapeutic Medicine, 2019, 17, 967-973.	0.8	2
82	Weight Loss and Changes in Adipose Tissue and Skeletal Muscle Volume after Laparoscopic Sleeve Gastrectomy and Roux-en-Y Gastric Bypass: a Prospective Study with 12-Month Follow-Up. Obesity Surgery, 2019, 29, 4018-4028.	1.1	25
83	Transcriptome Profiling of Adipose Tissue Reveals Depot-Specific Metabolic Alterations Among Patients with Colorectal Cancer. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 5225-5237.	1.8	21
84	Experimental application of an automated alignment correction algorithm for geological CT imaging: phantom study and application to sediment cores from cold-water coral mounds. European Radiology Experimental, 2019, 3, 12.	1.7	4
85	Multiplatform Urinary Metabolomics Profiling to Discriminate Cachectic from Non-Cachectic Colorectal Cancer Patients: Pilot Results from the ColoCare Study. Metabolites, 2019, 9, 178.	1.3	10
86	Joint Statement of the German Radiological Society and the German Respiratory Society on a Quality-Assured Early Detection Program for Lung Cancer with Low-Dose CT. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2019, 191, 993-997.	0.7	7
87	Subsolid Lung Nodules: Potential for Overdiagnosis. Radiology, 2019, 293, 449-450.	3.6	4
88	Ten years of chest MRI for patients with cystic fibrosis. Der Radiologe, 2019, 59, 10-20.	1.7	14
89	Is MRCP necessary to diagnose pancreas divisum?. BMC Medical Imaging, 2019, 19, 33.	1.4	6
90	CT-Quantified Adipose Tissue Distribution: Risk or Protective Factor for Complications after Rectal Cancer Surgery?. Obesity Facts, 2019, 12, 259-271.	1.6	13

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91	Changes in Pancreatic Fat Content Following Diet-Induced Weight Loss. <i>Nutrients</i> , 2019, 11, 912.	1.7	18
92	Similar Weight Loss Induces Greater Improvements in Insulin Sensitivity and Liver Function among Individuals with NAFLD Compared to Individuals without NAFLD. <i>Nutrients</i> , 2019, 11, 544.	1.7	8
93	Semi-automated computed tomography Volumetry can predict hemihepatectomy specimensâ€™ volumes in patients with hepatic malignancy. <i>BMC Medical Imaging</i> , 2019, 19, 20.	1.4	14
94	Combined automated 3D volumetry by pulmonary CT angiography and echocardiography for detection of pulmonary hypertension. <i>European Radiology</i> , 2019, 29, 6059-6068.	2.3	20
95	How to report incidental findings from population whole-body MRI: view of participants of the German National Cohort. <i>European Radiology</i> , 2019, 29, 5873-5878.	2.3	17
96	Association between true non-contrast and virtual non-contrast vertebral bone CT attenuation values determined using dual-layer spectral detector CT. <i>European Journal of Radiology</i> , 2019, 121, 108740.	1.2	5
97	Effect of Reconstruction Parameters on the Quantitative Analysis of Chest Computed Tomography. <i>Journal of Thoracic Imaging</i> , 2019, 34, 92-102.	0.8	21
98	Diagnostic performance of 3D-multi-Echo-data-image-combination (MEDIC) for evaluating SLAP lesions of the shoulder. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 598.	0.8	4
99	The value of iterative metal artifact reduction algorithms during antenna positioning for CT-guided microwave ablation. <i>International Journal of Hyperthermia</i> , 2019, 36, 1222-1231.	1.1	4
100	Longitudinal airway remodeling in active and past smokers in a lung cancer screening population. <i>European Radiology</i> , 2019, 29, 2968-2980.	2.3	19
101	Evaluation of the effect of image noise on CT perfusion measurements using digital perfusion phantoms. <i>European Radiology</i> , 2019, 29, 2089-2097.	2.3	6
102	Body Fatness, Adipose Tissue Compartments, and Biomarkers of Inflammation and Angiogenesis in Colorectal Cancer: The ColoCare Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 28, 76-82.	1.1	24
103	3D reconstruction of MRâ€™visible Fe₃O₄-mesh implants: Pelvic mesh measurement techniques and preliminary findings. <i>Neurourology and Urodynamics</i> , 2019, 38, 369-378.	0.8	3
104	Dual-energy CT iodine maps as an alternative quantitative imaging biomarker to abdominal CT perfusion: determination of appropriate trigger delays for acquisition using bolus tracking. <i>British Journal of Radiology</i> , 2018, 91, 20170351.	1.0	26
105	Associations of branched-chain amino acids with parameters of energy balance and survival in colorectal cancer patients: results from the ColoCare study. <i>Metabolomics</i> , 2018, 14, 22.	1.4	17
106	Non-contrast enhanced magnetic resonance imaging detects mosaic signal intensity in early cystic fibrosis lung disease. <i>European Journal of Radiology</i> , 2018, 101, 178-183.	1.2	26
107	Five-year outcome after pelvic floor reconstructive surgery: evaluation using dynamic magnetic resonance imaging compared to clinical examination and quality-of-life questionnaire. <i>Acta Radiologica</i> , 2018, 59, 1264-1273.	0.5	14
108	Imaging features of fibrolamellar hepatocellular carcinoma in gadoteric acid-enhanced MRI. <i>Cancer Imaging</i> , 2018, 18, 9.	1.2	23

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109	Mobile, real-time, and point-of-care augmented reality is robust, accurate, and feasible: a prospective pilot study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2018, 32, 2958-2967.	1.3	9
110	Morphologic Characterization of Pulmonary Nodules With Ultrashort TE MRI at 3T. <i>American Journal of Roentgenology</i> , 2018, 210, 1216-1225.	1.0	52
111	Effect of smoking cessation on quantitative computed tomography in smokers at risk in a lung cancer screening population. <i>European Radiology</i> , 2018, 28, 807-815.	2.3	25
112	Non-invasive diagnosis of hepatocellular carcinoma revisited. <i>Gut</i> , 2018, 67, 991-993.	6.1	19
113	3D-Printed masks as a new approach for immobilization in radiotherapy - a study of positioning accuracy. <i>Oncotarget</i> , 2018, 9, 6490-6498.	0.8	26
114	Case report of dependent venous contrast pooling and layering in a patient without acute cardiogenic shock. <i>Medicine (United States)</i> , 2018, 97, e13277.	0.4	3
115	Effects of intermittent and continuous calorie restriction on body weight and metabolism over 50 wk: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 933-945.	2.2	161
116	Visceral abdominal fat measured by computer tomography as a prognostic factor for gynecological malignancies?. <i>Oncotarget</i> , 2018, 9, 16330-16342.	0.8	18
117	Oblique Sagittal Images Prevent Underestimation of the Neuroforaminal Stenosis Grade Caused by Disc Herniation in Cervical Spine MRI. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2018, 190, e2-e2.	0.7	3
118	Multicentre standardisation of chest MRI as radiation-free outcome measure of lung disease in young children with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2018, 17, 518-527.	0.3	68
119	Oblique Sagittal Images Prevent Underestimation of the Neuroforaminal Stenosis Grade Caused by Disc Herniation in Cervical Spine MRI. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2018, 190, 946-954.	0.7	5
120	Cost-utility analysis of a potential lung cancer screening program for a high-risk population in Germany: A modelling approach. <i>Lung Cancer</i> , 2018, 124, 189-198.	0.9	47
121	Anthropometric and blood parameters for the prediction of NAFLD among overweight and obese adults. <i>BMC Gastroenterology</i> , 2018, 18, 113.	0.8	19
122	Design and application of an MR reference phantom for multicentre lung imaging trials. <i>PLoS ONE</i> , 2018, 13, e0199148.	1.1	11
123	Investigation of a New Version of the Liquid Embolic Agent PHIL with Extra-Low-Viscosity in an Endovascular Embolization Model. <i>American Journal of Neuroradiology</i> , 2018, 39, 1696-1702.	1.2	17
124	Quantitative CT detects changes in airway dimensions and air-trapping after bronchial thermoplasty for severe asthma. <i>European Journal of Radiology</i> , 2018, 107, 33-38.	1.2	27
125	Breathlessness and Restrictive Lung Disease: An Important Diabetes-Related Feature in Patients with Type 2 Diabetes. <i>Respiration</i> , 2018, 96, 29-40.	1.2	44
126	Correct Estimation of Neuroforaminal Stenosis Grade Caused by Disc Herniation in Cervical Spine MRI by Using Oblique Sagittal MR Sequences. <i>Seminars in Musculoskeletal Radiology</i> , 2018, 22, .	0.4	1

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127	Volumetry based biomarker speed of growth: Quantifying the change of total tumor volume in whole-body magnetic resonance imaging over time improves risk stratification of smoldering multiple myeloma patients. <i>Oncotarget</i> , 2018, 9, 25254-25264.	0.8	15
128	Combined external beam radiotherapy with carbon ions and tumor targeting endoradiotherapy. <i>Oncotarget</i> , 2018, 9, 29985-30004.	0.8	11
129	Comparison of Lung Clearance Index and Magnetic Resonance Imaging for Assessment of Lung Disease in Children with Cystic Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 349-359.	2.5	169
130	Dynamic contrast-enhanced ultrasound and elastography assess deltoid muscle integrity after reverse shoulder arthroplasty. <i>Journal of Shoulder and Elbow Surgery</i> , 2017, 26, 108-117.	1.2	40
131	Delayed gadolinium-enhanced MRI of cartilage (dGEMRIC) and T2 mapping at 3T MRI of the wrist: Feasibility and clinical application. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, spcone-spcone.	1.9	0
132	Dynamic contrast-enhanced magnetic resonance imaging (DCE-MRI) for the prediction of non-union consolidation. <i>Injury</i> , 2017, 48, 357-363.	0.7	20
133	Limits of the possible: diagnostic image quality in coronary angiography with third-generation dual-source CT. <i>Clinical Research in Cardiology</i> , 2017, 106, 485-492.	1.5	18
134	Iterative Image Reconstruction Improves the Accuracy of Automated Plaque Burden Assessment in Coronary CT Angiography: A Comparison With Intravascular Ultrasound. <i>American Journal of Roentgenology</i> , 2017, 208, 777-784.	1.0	14
135	Delayed gadolinium-enhanced MRI of cartilage (dGEMRIC) and T2 mapping of talar osteochondral lesions: Indicators of clinical outcomes. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 1601-1610.	1.9	18
136	Diagnostic performance of 68Ga-PSMA-11 (HBED-CC) PET/CT in patients with recurrent prostate cancer: evaluation in 1007 patients. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 1258-1268.	3.3	425
137	The role of dual-energy computed tomography in the assessment of pulmonary function. <i>European Journal of Radiology</i> , 2017, 86, 320-334.	1.2	22
138	How Precise Are Preinterventional Measurements Using Centerline Analysis Applications? Objective Ground Truth Evaluation Reveals Software-Specific Centerline Characteristics. <i>Journal of Endovascular Therapy</i> , 2017, 24, 584-594.	0.8	6
139	Improved image quality with simultaneously reduced radiation exposure: Knowledge-based iterative model reconstruction algorithms for coronary CT angiography in a clinical setting. <i>Journal of Cardiovascular Computed Tomography</i> , 2017, 11, 213-220.	0.7	15
140	Influence of fissure integrity on quantitative CT and emphysema distribution in emphysema-type COPD using a dedicated COPD software. <i>European Journal of Radiology</i> , 2017, 95, 293-299.	1.2	2
141	Image quality and contrast agent exposure in cardiac computed tomography angiography prior to transcatheter aortic valve implantation procedures using different acquisition protocols. <i>European Journal of Radiology Open</i> , 2017, 4, 75-83.	0.7	3
142	Feasibility of gadoteric acid for delayed gadolinium-enhanced MRI of cartilage (dGEMRIC) at the wrist and knee and comparison with Gd-DTPA. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 1433-1440.	1.9	7
143	Occlusion of a Long-Term Transpleural Biliary Drainage Tract Using a Gelatin Pledget (Hep-Plug [®] , ©). <i>CardioVascular and Interventional Radiology</i> , 2017, 40, 1800-1803.	0.9	5
144	Delayed gadolinium-enhanced MRI of cartilage (dGEMRIC) and T2 mapping of talar osteochondral lesions: Indicators of clinical outcomes. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, spcone.	1.9	0

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145	Securing safe and informative thoracic CT examinationsâ€™Progress of radiation dose reduction techniques. <i>European Journal of Radiology</i> , 2017, 86, 313-319.	1.2	14
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