

Keno K Bressemer

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

795
citations

623734

14
h-index

552781

26
g-index

40
all docs

40
docs citations

40
times ranked

1476
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of visceral adiposity in the severity of COVID-19: Highlights from a unicenter cross-sectional pilot study in Germany. <i>Metabolism: Clinical and Experimental</i> , 2020, 110, 154317.	3.4	146
2	Comparing different deep learning architectures for classification of chest radiographs. <i>Scientific Reports</i> , 2020, 10, 13590.	3.3	109
3	Machine learning analysis of DNA methylation profiles distinguishes primary lung squamous cell carcinomas from head and neck metastases. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	100
4	Renal cell carcinoma with venous extension: prediction of inferior vena cava wall invasion by MRI. <i>Cancer Imaging</i> , 2018, 18, 17.	2.8	56
5	Highly accurate classification of chest radiographic reports using a deep learning natural language model pre-trained on 3.8 million text reports. <i>Bioinformatics</i> , 2021, 36, 5255-5261.	4.1	41
6	Deep learning for detection of radiographic sacroiliitis: achieving expert-level performance. <i>Arthritis Research and Therapy</i> , 2021, 23, 106.	3.5	37
7	Native T1 Mapping as an In Vivo Biomarker for the Identification of Higher-Grade Renal Cell Carcinoma. <i>Investigative Radiology</i> , 2019, 54, 118-128.	6.2	31
8	Use of quantitative T2 mapping for the assessment of renal cell carcinomas: first results. <i>Cancer Imaging</i> , 2019, 19, 35.	2.8	25
9	Diagnostic performance of susceptibility-weighted magnetic resonance imaging for the detection of calcifications: A systematic review and meta-analysis. <i>Scientific Reports</i> , 2017, 7, 15506.	3.3	23
10	Non-alcoholic fatty liver disease in underweight patients with inflammatory bowel disease: A case-control study. <i>PLoS ONE</i> , 2018, 13, e0206450.	2.5	21
11	Multiparametric Assessment of Changes in Renal Tissue after Kidney Transplantation with Quantitative MR Relaxometry and Diffusion-Tensor Imaging at 3 T. <i>Journal of Clinical Medicine</i> , 2020, 9, 1551.	2.4	19
12	De Novo Radiomics Approach Using Image Augmentation and Features From T1 Mapping to Predict Gleason Scores in Prostate Cancer. <i>Investigative Radiology</i> , 2021, 56, 661-668.	6.2	18
13	Prostate158 - An expert-annotated 3T MRI dataset and algorithm for prostate cancer detection. <i>Computers in Biology and Medicine</i> , 2022, 148, 105817.	7.0	17
14	Deep learning for accurately recognizing common causes of shoulder pain on radiographs. <i>Skeletal Radiology</i> , 2022, 51, 355-362.	2.0	16
15	Assessment of the extracellular volume fraction for the grading of clear cell renal cell carcinoma: first results and histopathological findings. <i>European Radiology</i> , 2019, 29, 5832-5843.	4.5	15
16	Deep-Learning-Based Diagnosis of Bedside Chest X-ray in Intensive Care and Emergency Medicine. <i>Investigative Radiology</i> , 2021, 56, 525-534.	6.2	14
17	Multipolar RFA of the liver: Influence of intrahepatic vessels on ablation zones and appropriateness of CECT in detecting ablation dimensions - Results of an in-vivo porcine liver model. <i>Clinical Hemorheology and Microcirculation</i> , 2019, 70, 467-476.	1.7	13
18	Quantitative 3D Assessment of ⁶⁸ Ga-DOTATOC PET/MRI with Diffusion-Weighted Imaging to Assess Imaging Markers for Gastroenteropancreatic Neuroendocrine Tumors: Preliminary Results. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1021-1027.	5.0	12

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19	Instant Outcome Evaluation of Microwave Ablation With Subtraction CT in an In Vivo Porcine Model. <i>Investigative Radiology</i> , 2019, 54, 333-339.	6.2	11
20	Radiation Dose Reduction in Preprocedural CT Imaging for TAVI/TAVR Using a Novel 3-Phase Protocol: A Single Institution's Experience. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2020, 192, 1174-1182.	1.3	7
21	Improved Visualization of the Necrotic Zone after Microwave Ablation Using Computed Tomography Volume Perfusion in an In Vivo Porcine Model. <i>Scientific Reports</i> , 2019, 9, 18506.	3.3	6
22	Exploring Patterns of Dynamic Size Changes of Lesions after Hepatic Microwave Ablation in an In Vivo Porcine Model. <i>Scientific Reports</i> , 2020, 10, 805.	3.3	6
23	Is lung density associated with severity of COVID-19?. <i>Polish Journal of Radiology</i> , 2020, 85, 600-606.	0.9	6
24	Comparison of different 4D CT-Perfusion algorithms to visualize lesions after microwave ablation in an <i>in vivo</i> porcine model. <i>International Journal of Hyperthermia</i> , 2019, 36, 1097-1106.	2.5	5
25	Subregion Radiomics Analysis to Display Necrosis After Hepatic Microwave Ablation—A Proof of Concept Study. <i>Investigative Radiology</i> , 2020, Publish Ahead of Print, 422-429.	6.2	5
26	CT-based quantification of short-term tissue shrinkage following hepatic microwave ablation in an <i>in vivo</i> porcine liver model. <i>Acta Radiologica</i> , 2021, 62, 12-18.	1.1	5
27	Evaluation of a Deep Learning Algorithm for Automated Spleen Segmentation in Patients with Conditions Directly or Indirectly Affecting the Spleen. <i>Tomography</i> , 2021, 7, 950-960.	1.8	5
28	Immediate post-interventional contrast-enhanced computed tomography overestimates hepatic microwave ablation— an <i>in vivo</i> animal study. <i>International Journal of Hyperthermia</i> , 2020, 37, 463-469.	2.5	4
29	Improving CT accuracy in the diagnosis of COVID-19 in a hospital setting. <i>Clinical Imaging</i> , 2021, 76, 1-5.	1.5	4
30	Do submillisievert-chest CT protocols impact diagnostic quality in suspected COVID-19 patients?. <i>Acta Radiologica Open</i> , 2022, 11, 205846012110738.	0.6	4
31	Influence of interapplicator distance on multibipolar radiofrequency ablation during physiological and interrupted liver perfusion in an <i>in vivo</i> porcine model. <i>Scientific Reports</i> , 2020, 10, 16210.	3.3	3
32	Detection of radiographic sacroiliitis with an artificial neural network in patients with suspicion of axial spondyloarthritis. <i>Rheumatology</i> , 2021, 60, 5868-5869.	1.9	2
33	Diagnostic performance of dynamic volume perfusion CT for differentiation of head and neck cancer from healthy tissue and post-therapeutic changes. <i>Clinical Hemorheology and Microcirculation</i> , 2021, 78, 93-101.	1.7	1
34	Computed Tomography Imaging in Simulated Ongoing Cardiopulmonary Resuscitation: No Need to Switch Off the Chest Compression Device during Image Acquisition. <i>Diagnostics</i> , 2021, 11, 1122.	2.6	1
35	Perivascular vital cells in the ablation center after multibipolar radiofrequency ablation in an <i>in vivo</i> porcine model. <i>Scientific Reports</i> , 2021, 11, 13886.	3.3	1
36	CT diagnostics of pulmonary embolism: Does iodine delivery rate still affect image quality in iterative reconstruction?. <i>Clinical Hemorheology and Microcirculation</i> , 2021, 79, 1-9.	1.7	1

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37	Successful CT-Guided Obliteration of Isolated Bile Ducts with Ethylene Vinyl Alcohol Copolymer in a Patient with Chronic Bile Leakage after Hepatectomy. <i>Journal of Vascular and Interventional Radiology</i> , 2019, 30, 1671-1673.	0.5	0
38	Editorial for "An Unsupervised Deep Learning Approach for Dynamic Exponential Intravoxel Incoherent Motion MRI Modeling and Parameter Estimation in the Liver" <i>Journal of Magnetic Resonance Imaging</i> , 2022, 56, 860-861.	3.4	0