

Georg BÄ¶ning

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Tomoelastography Distinguishes Noninvasively between Benign and Malignant Liver Lesions. <i>Cancer Research</i> , 2019, 79, 5704-5710.	0.4	58
2	Computed tomography in trauma patients using iterative reconstruction: reducing radiation exposure without loss of image quality. <i>Acta Radiologica</i> , 2016, 57, 362-369.	0.5	29
3	Imaging foreign bodies in head and neck trauma: a pictorial review. <i>Insights Into Imaging</i> , 2021, 12, 20.	1.6	28
4	Cholangiocarcinoma: CT-guided High-Dose Rate Brachytherapy (CT-HDRBT) for Limited ($\leq 4\text{ cm}$) and Large (>4 cm) Tumors. <i>Anticancer Research</i> , 2018, 38, 5843-5852.	0.5	22
5	Tumour response in non-small cell lung cancer patients treated with chemoradiotherapy – Can spectral CT predict recurrence?. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2019, 63, 641-649.	0.9	16
6	Clinical routine use of virtual monochromatic datasets based on spectral CT in patients with hypervascularized abdominal tumors – evaluation of effectiveness and efficiency. <i>Acta Radiologica</i> , 2019, 60, 425-432.	0.5	15
7	Spectral CT and its specific values in the staging of patients with non-small cell lung cancer: technical possibilities and clinical impact. <i>Clinical Radiology</i> , 2019, 74, 456-466.	0.5	15
8	Tailored CT angiography in follow-up after endovascular aneurysm repair (EVAR): combined dose reduction techniques. <i>Acta Radiologica</i> , 2018, 59, 1316-1325.	0.5	14
9	Radiation dose reduction in CT with adaptive statistical iterative reconstruction (ASIR) for patients with bronchial carcinoma and intrapulmonary metastases. <i>Clinical Radiology</i> , 2016, 71, 442-449.	0.5	13
10	Liver Venous Deprivation (LVD) Versus Portal Vein Embolization (PVE) Alone Prior to Extended Hepatectomy: A Matched Pair Analysis. <i>CardioVascular and Interventional Radiology</i> , 2022, 45, 950-957.	0.9	12
11	Comparison of applied dose and image quality in staging CT of neuroendocrine tumor patients using standard filtered back projection and adaptive statistical iterative reconstruction. <i>European Journal of Radiology</i> , 2015, 84, 1601-1607.	1.2	11
12	Radiation exposure during TACE procedures using additional cone-beam CT (CBCT) for guidance: safety and precautions. <i>Acta Radiologica</i> , 2018, 59, 1277-1284.	0.5	11
13	Metallic dental artifact reduction in computed tomography (Smart MAR): Improvement of image quality and diagnostic confidence in patients with suspected head and neck pathology and oral implants. <i>European Journal of Radiology</i> , 2019, 118, 153-160.	1.2	11
14	Submillisievert chest CT in patients with COVID-19 - experiences of a German Level-I center. <i>European Journal of Radiology Open</i> , 2020, 7, 100283.	0.7	11
15	CT-angiography of the aorta in patients with Marfan disease - High-pitch MDCT at different levels of tube voltage combined with Sinogram Affirmed Iterative Reconstruction. <i>Clinical Imaging</i> , 2018, 51, 123-132.	0.8	10
16	CT follow-up in patients with neuroendocrine tumors (NETs): combined radiation and contrast dose reduction. <i>Acta Radiologica</i> , 2018, 59, 517-526.	0.5	10
17	Dose reduction in paediatric cranial CT via iterative reconstruction: a clinical study in 78 patients. <i>Clinical Radiology</i> , 2016, 71, 1168-1177.	0.5	9
18	Complications of Computed Tomography-Guided High-Dose-Rate Brachytherapy (CT-HDRBT) and Risk Factors: Results from More than 10 Years of Experience. <i>CardioVascular and Interventional Radiology</i> , 2020, 43, 284-294.	0.9	9

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19	Diagnostic Value of Initial Chest CT Findings for the Need of ICU Treatment/Intubation in Patients with COVID-19. <i>Diagnostics</i> , 2020, 10, 929.	1.3	9
20	Clinical Experience with Real-Time 3-D Guidance Based on C-Arm-Acquired Cone-Beam CT (CBCT) in Transjugular Intrahepatic Portosystemic Stent Shunt (TIPSS) Placement. <i>CardioVascular and Interventional Radiology</i> , 2018, 41, 1035-1042.	0.9	8
21	Detectability of foreign body materials using X-ray, computed tomography and magnetic resonance imaging: A phantom study. <i>European Journal of Radiology</i> , 2021, 135, 109505.	1.2	8
22	Decreased Medical Care During the COVID-19 Pandemic – A Comprehensive Analysis of Radiological Examinations. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2021, 193, 937-946.	0.7	7
23	Switching off for future – Cost estimate and a simple approach to improving the ecological footprint of radiological departments. <i>European Journal of Radiology Open</i> , 2021, 8, 100320.	0.7	7
24	C-Arm Cone Beam CT for Intraprocedural Image Fusion and 3D Guidance in Portal Vein Embolization (PVE). <i>CardioVascular and Interventional Radiology</i> , 2018, 41, 424-432.	0.9	6
25	Primary and metastatic malignancies of the lung: Retrospective analysis of the CT-guided high-dose rate brachytherapy (CT-HDRBT) ablation in tumours < 4 cm and 4–6 cm. <i>European Journal of Radiology</i> , 2018, 108, 230-235.	1.2	5
26	Spectral CT in patients with acute thoracoabdominal bleeding – a safe technique to improve diagnostic confidence and reduce dose?. <i>Medicine (United States)</i> , 2019, 98, e16101.	0.4	5
27	Changes of radiological examination volumes over the course of the COVID-19 pandemic: a comprehensive analysis of the different waves of infection. <i>Insights Into Imaging</i> , 2022, 13, 41.	1.6	5
28	Evaluation of diagnostic accuracy of intracranial aneurysm detection using medical-grade versus commercial consumer-grade displays and different image reconstructions against the background of process optimization for telemedicine. <i>Acta Radiologica</i> , 2020, 61, 936-944.	0.5	4
29	Tumor Seeding along the Puncture Tract in CT-Guided Interstitial High-Dose-Rate Brachytherapy. <i>Journal of Vascular and Interventional Radiology</i> , 2020, 31, 720-727.	0.2	4
30	Improvement of image quality and diagnostic confidence using Smart MAR – a projection-based CT protocol in patients with orthopedic metallic implants in hip, spine, and shoulder. <i>Acta Radiologica</i> , 2020, 61, 1421-1430.	0.5	4
31	Spectral CT in clinical routine imaging of neuroendocrine neoplasms. <i>Clinical Radiology</i> , 2021, 76, 348-357.	0.5	4
32	Do submillisievert-chest CT protocols impact diagnostic quality in suspected COVID-19 patients?. <i>Acta Radiologica Open</i> , 2022, 11, 205846012110738.	0.3	4
33	Computed Tomography in Cystic Fibrosis: Combining Low-Dose Techniques and Iterative Reconstruction. <i>Journal of Computer Assisted Tomography</i> , 2017, 41, 668-674.	0.5	3
34	Stepwise analysis of potential accuracy-influencing factors of iodine quantification on a fast kVp-switching second-generation dual-energy CT: from 3D-printed phantom to a simple solution in clinical routine use. <i>Acta Radiologica</i> , 2020, 61, 424-431.	0.5	3
35	MR-guided lumbar facet radiofrequency denervation for treatment of patients with chronic low back pain in an open 1.0 Tesla MRI system. <i>Annals of Translational Medicine</i> , 2021, 9, 1056-1056.	0.7	3
36	Osteoid osteoma: treatment outcome and long-term follow-up after MRI-guided laser ablation. <i>Annals of Translational Medicine</i> , 2022, 10, 240-240.	0.7	3

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37	Combining Transarterial Radioembolization (TARE) and CT-Guided High-Dose-Rate Interstitial Brachytherapy (CT-HDRBT): A Retrospective Analysis of Advanced Primary and Secondary Liver Tumor Treatment. <i>Cancers</i> , 2022, 14, 72.	1.7	3
38	CT-Based Risk Stratification for Intensive Care Need and Survival in COVID-19 Patients – A Simple Solution. <i>Diagnostics</i> , 2021, 11, 1616.	1.3	2
39	25 Years of experience with transjugular intrahepatic portosystemic shunt (TIPS): changes in patient selection and procedural aspects. <i>Insights Into Imaging</i> , 2022, 13, 73.	1.6	2
40	Visibility of Hypovascularized Liver Tumors during Intra-Arterial Therapy Using Split-Bolus Single-Phase Cone Beam CT. <i>CardioVascular and Interventional Radiology</i> , 2019, 42, 260-267.	0.9	1
41	Comparison of intrahepatic progression patterns of hepatocellular carcinoma and colorectal liver metastases following CT-guided high dose-rate brachytherapy. <i>Therapeutic Advances in Medical Oncology</i> , 2021, 13, 175883592110423.	1.4	1
42	Spectral CT Hybrid Images in the Diagnostic Evaluation of Hypervascular Abdominal Tumors – Potential Advantages in Clinical Routine. <i>Diagnostics</i> , 2021, 11, 1539.	1.3	1
43	MR-Guided Percutaneous Intradiscal Thermotherapy (MRgPIT): Evaluation of a New Technique for the Treatment of Degenerative Disc Disease in Cadaveric Lumbar Spine. <i>CardioVascular and Interventional Radiology</i> , 2020, 43, 505-513.	0.9	0