Frederic Carsten Schmeel

List of Publications by Year
in descending order

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32 papers	695 citations	567144 15 h-index	552653 26 g-index
32 all docs	32 docs citations	32 times ranked	1114 citing authors

#	Article	IF	Citations
1	Benchmarking Safety Indicators of Surgical Treatment of Brain Metastases Combined with Intraoperative Radiotherapy: Results of Prospective Observational Study with Comparative Matched-Pair Analysis. Cancers, 2022, 14, 1515.	1.7	11
2	Proton Density Fat Fraction Spine MRI for Differentiation of Erosive Vertebral Endplate Degeneration and Infectious Spondylitis. Diagnostics, 2022, 12, 78.	1.3	5
3	Diagnostic Accuracy of Quantitative Imaging Biomarkers in the Differentiation of Benign and Malignant Vertebral Lesions. Clinical Neuroradiology, 2021, 31, 1059-1070.	1.0	9
4	Longitudinal Neurocognitive and Pulmonological Profile of Long COVID-19: Protocol for the COVIMMUNE-Clin Study. JMIR Research Protocols, 2021, 10, e30259.	0.5	8
5	Detection of Degenerative Changes on MR Images of the Lumbar Spine with a Convolutional Neural Network: A Feasibility Study. Diagnostics, 2021, 11, 902.	1.3	18
6	Total body irradiation: Significant dose sparing of lung tissue achievable by helical tomotherapy. Zeitschrift Fur Medizinische Physik, 2020, 30, 17-23.	0.6	13
7	Objective Evaluation of Risk Factors for Radiation Dermatitis in Whole-Breast Irradiation Using the Spectrophotometric L*a*b Color-Space. Cancers, 2020, 12, 2444.	1.7	22
8	Acute radiation-induced skin toxicity in hypofractionated vs. conventional whole-breast irradiation: An objective, randomized multicenter assessment using spectrophotometry. Radiotherapy and Oncology, 2020, 146, 172-179.	0.3	36
9	Proton density fat fraction MRI of vertebral bone marrow: Accuracy, repeatability, and reproducibility among readers, field strengths, and imaging platforms. Journal of Magnetic Resonance Imaging, 2019, 50, 1762-1772.	1.9	37
10	Hydrofilm Polyurethane Films Reduce Radiation Dermatitis Severity in Hypofractionated Whole-Breast Irradiation: An Objective, Intra-Patient Randomized Dual-Center Assessment. Polymers, 2019, 11, 2112.	2.0	23
11	Variability in quantitative diffusion-weighted MR imaging (DWI) across different scanners and imaging sites: is there a potential consensus that can help reducing the limits of expected bias?. European Radiology, 2019, 29, 2243-2245.	2.3	47
12	Prophylactically applied Hydrofilm polyurethane film dressings reduce radiation dermatitis in adjuvant radiation therapy of breast cancer patients. Acta OncolÃ³gica, 2018, 57, 908-915.	0.8	33
13	Proton density fat fraction (PDFF) MRI for differentiation of benign and malignant vertebral lesions. European Radiology, 2018, 28, 2397-2405.	2.3	37
14	Revised PROPELLER for T2-weighted imaging of the prostate at 3 Tesla: impact on lesion detection and PI-RADS classification. European Radiology, 2018, 28, 24-30.	2.3	9
15	Quantitative evaluation of T2* relaxation times for the differentiation of acute benign and malignant vertebral body fractures. European Journal of Radiology, 2018, 108, 59-65.	1.2	24
16	Proton density fat fraction (PDFF) MR imaging for differentiation of acute benign and neoplastic compression fractures of the spine. European Radiology, 2018, 28, 5001-5009.	2.3	27
17	Left and right ventricular strain in the course of acute myocarditis: a cardiovascular magnetic resonance study. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2018, 190, 722-732.	0.7	30
18	Diffusion-weighted magnetic resonance imaging predicts survival in patients with liver-predominant metastatic colorectal cancer shortly after selective internal radiation therapy. European Radiology, 2017, 27, 966-975.	2.3	25

#	Article	IF	Citations
19	Prognostic value of pretreatment diffusion-weighted magnetic resonance imaging for outcome prediction of colorectal cancer liver metastases undergoing 90Y-microsphere radioembolization. Journal of Cancer Research and Clinical Oncology, 2017, 143, 1531-1541.	1.2	20
20	Griseofulvin Efficiently Induces Apoptosis in In Vitro Treatment of Lymphoma and Multiple Myeloma. Anticancer Research, 2017, 37, 2289-2295.	0.5	12
21	Griseofulvin Efficiently Induces Apoptosis in Treatment of Lymphoma and Multiple Myeloma. Anticancer Research, 2017, 37, 2289-2295.	0.5	1
22	In Vitro Apoptosis Induction by Fenofibrate in Lymphoma and Multiple Myeloma. Anticancer Research, 2017, 37, 3513-3520.	0.5	7
23	In-bore transrectal MRI-guided prostate biopsies: Are there risk factors for complications?. European Journal of Radiology, 2016, 85, 2169-2173.	1.2	5
24	Clofibrate Demonstrates Efficacy in In Vitro Treatment of Lymphoma and Multiple Myeloma. Anticancer Research, 2016, 36, 3395-400.	0.5	2
25	Bendamustine in heavily pre-treated patients with relapsed or refractory multiple myeloma. Journal of Cancer Research and Clinical Oncology, 2015, 141, 2205-2212.	1.2	7
26	Cytokine-induced killer (CIK) cells in cancer immunotherapy: report of the international registry on CIK cells (IRCC). Journal of Cancer Research and Clinical Oncology, 2015, 141, 839-849.	1.2	115
27	In vitro efficacy of cinnarizine against lymphoma and multiple myeloma. Anticancer Research, 2015, 35, 835-41.	0.5	6
28	Flunarizine exhibits in vitro efficacy against lymphoma and multiple myeloma cells. Anticancer Research, 2015, 35, 1369-76.	0.5	8
29	In Vitro Efficacy of Naftifine Against Lymphoma and Multiple Myeloma. Anticancer Research, 2015, 35, 5921-6.	0.5	2
30	Piceatannol exhibits selective toxicity to multiple myeloma cells and influences the Wnt/ betaâ€catenin pathway. Hematological Oncology, 2014, 32, 197-204.	0.8	14
31	Adoptive Immunotherapy Strategies with Cytokine-Induced Killer (CIK) Cells in the Treatment of Hematological Malignancies. International Journal of Molecular Sciences, 2014, 15, 14632-14648.	1.8	48
32	Targeting the Wnt/beta-catenin pathway in renal cell carcinoma. Anticancer Research, 2014, 34, 4101-8.	0.5	34