

Christian M Zechmann

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,910
citations

430442

18
h-index

552369

26
g-index

27
all docs

27
docs citations

27
times ranked

2763
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of PET imaging with a 68Ga-labelled PSMA ligand and 18F-choline-based PET/CT for the diagnosis of recurrent prostate cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 11-20.	3.3	817
2	Radiation dosimetry and first therapy results with a 124I/131I-labeled small molecule (MIP-1095) targeting PSMA for prostate cancer therapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 1280-1292.	3.3	319
3	Multiple Myeloma and Monoclonal Gammopathy of Undetermined Significance: Importance of Whole-Body versus Spinal MR Imaging. <i>Radiology</i> , 2009, 252, 477-485.	3.6	113
4	Anterior Cruciate Ligament Reconstruction Using Patellar Tendon Versus Hamstring Tendon: A Prospective Comparative Study With 9-Year Follow-Up. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2011, 27, 653-665.	1.3	109
5	Dynamic Contrast-Enhanced MRI of Malignant Pleural Mesothelioma. <i>Chest</i> , 2006, 129, 1570-1576.	0.4	78
6	Multicenter, Double-Blind, Randomized, Intraindividual Crossover Comparison of Gadobenate Dimeglumine and Gadopentetate Dimeglumine for Breast MR Imaging (DETECT Trial). <i>Radiology</i> , 2011, 258, 396-408.	3.6	55
7	Pharmacokinetic Analysis of Malignant Pleural Mesotheliomaâ€™ Initial Results of Tumor Microcirculation and its Correlation to Microvessel Density (CD-34). <i>Academic Radiology</i> , 2008, 15, 563-570.	1.3	44
8	Estimating Kinetic Parameter Maps From Dynamic Contrast-Enhanced MRI Using Spatial Prior Knowledge. <i>IEEE Transactions on Medical Imaging</i> , 2009, 28, 1534-1547.	5.4	44
9	Automated estimation of tumor probability in prostate magnetic resonance spectroscopic imaging: Pattern recognition vs quantification. <i>Magnetic Resonance in Medicine</i> , 2007, 57, 150-159.	1.9	43
10	Dynamic contrast-enhanced magnetic resonance imaging (DCE-MRI) and diffusion-weighted imaging of bone marrow in healthy individuals. <i>Acta Radiologica</i> , 2011, 52, 324-330.	0.5	36
11	Impact of Stroma on the Growth, Microcirculation, Metabolism of Experimental Prostate Tumors. <i>Neoplasia</i> , 2007, 9, 57-67.	2.3	35
12	Prognostic significance of increased bone marrow microcirculation in newly diagnosed multiple myeloma: results of a prospective DCE-MRI study. <i>European Radiology</i> , 2016, 26, 1404-1411.	2.3	28
13	Increased microcirculation detected by dynamic contrast-enhanced magnetic resonance imaging is of prognostic significance in asymptomatic myeloma. <i>British Journal of Haematology</i> , 2016, 174, 127-135.	1.2	25
14	Intraindividual comparison between gadopentetate dimeglumine and gadobutrol for magnetic resonance perfusion in normal brain and intracranial tumors at 3 tesla. <i>Acta Radiologica</i> , 2009, 50, 521-530.	0.5	24
15	3D Reconstructions of the Cerebral Ventricles and Volume Quantification in Children with Brain Malformations. <i>Academic Radiology</i> , 2009, 16, 610-617.	1.3	24
16	Qualitative and quantitative image analysis of CT and MR imaging in patients with neuroendocrine liver metastases in comparison to 68Ga-DOTATOC PET. <i>European Journal of Radiology</i> , 2015, 84, 1593-1600.	1.2	21
17	Gain of 1q21 and distinct adverse cytogenetic abnormalities correlate with increased microcirculation in multiple myeloma. <i>International Journal of Cancer</i> , 2008, 122, 2871-2875.	2.3	18
18	Respiratory-Induced Prostate Motion. <i>Strahlentherapie Und Onkologie</i> , 2011, 187, 426-432.	1.0	18

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19	Reproducibility of 3D ¹ H MR spectroscopic imaging of the prostate at 1.5T. Journal of Magnetic Resonance Imaging, 2012, 35, 166-173.	1.9	15
20	Changes of prostate gland volume with and without androgen deprivation after intensity modulated radiotherapy – A follow-up study. Radiotherapy and Oncology, 2009, 90, 408-412.	0.3	13
21	Parametric Histogram Analysis of Dynamic Contrast-enhanced MRI in Multiple Myeloma. Academic Radiology, 2012, 19, 100-108.	1.3	11
22	Comparison of gadobenate dimeglumine-enhanced breast MRI and gadopentetate dimeglumine-enhanced breast MRI with mammography and ultrasound for the detection of breast cancer. Journal of Magnetic Resonance Imaging, 2014, 39, 1272-1286.	1.9	7
23	Comparison of Peripheral Zone and Central Gland Volume in Patients Undergoing Intensity-Modulated Radiotherapy. Journal of Computer Assisted Tomography, 2010, 34, 739-745.	0.5	5
24	Automated vs. Manual Pattern Recognition of 3D 1H MRSI Data of Patients with Prostate Cancer. Academic Radiology, 2012, 19, 675-684.	1.3	5
25	Where is the primary tumour?. Lancet, The, 2007, 370, 1800.	6.3	2
26	Detection Rate of ¹⁸ F-Fluorethylcholine-PET/CT in relation to PSA Value in PCA Patients Referred with Biochemical Relapse. Contrast Media and Molecular Imaging, 2020, 2020, 1-8.	0.4	1
27	Imaging for Prostate Cancer. Current Radiology Reports, 2015, 3, 1.	0.4	0