

Stefan A Reinsberg

List of Publications by Year in descending order

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34
papers

1,490
citations

361045

20
h-index

395343

33
g-index

34
all docs

34
docs citations

34
times ranked

1967
citing authors

#	ARTICLE	IF	CITATIONS
1	A complete distortion correction for MR images: I. Gradient warp correction. <i>Physics in Medicine and Biology</i> , 2005, 50, 1343-1361.	1.6	201
2	Length scale of dynamic heterogeneity in supercooled glycerol near T _g . <i>Journal of Chemical Physics</i> , 2001, 114, 7299-7302.	1.2	173
3	Combined Use of Diffusion-Weighted MRI and ¹ H MR Spectroscopy to Increase Accuracy in Prostate Cancer Detection. <i>American Journal of Roentgenology</i> , 2007, 188, 91-98.	1.0	166
4	Magnetic resonance imaging in prostate cancer: the value of apparent diffusion coefficients for identifying malignant nodules. <i>British Journal of Radiology</i> , 2007, 80, 90-95.	1.0	135
5	Dynamic contrast-enhanced MRI for prostate cancer localization. <i>British Journal of Radiology</i> , 2009, 82, 148-156.	1.0	93
6	A complete distortion correction for MR images: II. Rectification of static-field inhomogeneities by similarity-based profile mapping. <i>Physics in Medicine and Biology</i> , 2005, 50, 2651-2661.	1.6	86
7	Comparative study of the NMR length scale of dynamic heterogeneities of three different glass formers. <i>Journal of Non-Crystalline Solids</i> , 2002, 307-310, 208-214.	1.5	75
8	Metronomic gemcitabine suppresses tumour growth, improves perfusion, and reduces hypoxia in human pancreatic ductal adenocarcinoma. <i>British Journal of Cancer</i> , 2010, 103, 52-60.	2.9	74
9	Hyperbranched Polyglycerols as Trimodal Imaging Agents: Design, Biocompatibility, and Tumor Uptake. <i>Bioconjugate Chemistry</i> , 2012, 23, 372-381.	1.8	45
10	Processing of radical prostatectomy specimens for correlation of data from histopathological, molecular biological, and radiological studies: a new whole organ technique. <i>Journal of Clinical Pathology</i> , 2005, 58, 504-508.	1.0	41
11	The Adoption of an Open Textbook in a Large Physics Course: An Analysis of Cost, Outcomes, Use, and Perceptions. <i>International Review of Research in Open and Distance Learning</i> , 2017, 18, .	1.0	38
12	Heterogeneous distribution of trastuzumab in HER2-positive xenografts and metastases: role of the tumor microenvironment. <i>Clinical and Experimental Metastasis</i> , 2018, 35, 691-705.	1.7	38
13	Device for sectioning prostatectomy specimens to facilitate comparison between histology and in vivo MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 32, 992-996.	1.9	35
14	Analysis of Cross-Polarization Dynamics between Two Abundant Nuclei, ¹⁹ F and ¹ H, Based on Spin Thermodynamics Theory. <i>Journal of Magnetic Resonance</i> , 1999, 141, 91-103.	1.2	34
15	In vivo 3T and ex vivo 7T diffusion tensor imaging of prostate cancer: Correlation with histology. <i>Magnetic Resonance Imaging</i> , 2015, 33, 577-583.	1.0	30
16	Solid-state ¹ H \rightarrow ¹⁹ F/ ¹⁹ F \rightarrow ¹ H CP/MAS NMR study of poly(vinylidene fluoride). <i>Magnetic Resonance in Chemistry</i> , 2002, 40, 97-106.	1.1	28
17	Solid-State ¹⁹ F MAS, ¹⁹ F CRAMPS, and ¹⁹ F \rightarrow ¹³ C CP/MAS NMR Study of an Amorphous Perfluoropolymer. <i>Macromolecules</i> , 2001, 34, 66-75.	2.2	26
18	Fluorine-19 NMR investigation of poly(trifluoroethylene). <i>Polymer</i> , 2000, 41, 3729-3736.	1.8	25

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19	Solid-state ^1H -static, ^1H -MAS, and ^1H - $^{19}\text{F}/^{19}\text{F}$ - ^1H CP/MAS NMR study of poly(vinyl fluoride). <i>Polymer</i> , 2001, 42, 8137-8151.	1.8	24
20	Distortion-corrected T_2 -weighted MRI: a novel approach to prostate radiotherapy planning. <i>British Journal of Radiology</i> , 2007, 80, 926-933.	1.0	20
21	Analysis of cross-polarization dynamics between ^1H and ^{19}F in Viton fluoroelastomer using solid-state ^{19}F magic angle spinning and ^1H - ^{19}F cross-polarization magic angle spinning NMR. <i>Magnetic Resonance in Chemistry</i> , 1999, 37, 709-720.	1.1	19
22	Tissue Penetration and Activity of Camptothecins in Solid Tumor Xenografts. <i>Molecular Cancer Therapeutics</i> , 2014, 13, 2727-2737.	1.9	14
23	Dose-painted volumetric modulated arc therapy of high-grade glioma using 3,4 -dihydroxy- 6 - ^{18}F -fluoro-L-phenylalanine positron emission tomography. <i>British Journal of Radiology</i> , 2019, 92, 20180901.	1.0	10
24	Multi-modal magnetic resonance imaging and histology of vascular function in xenografts using macromolecular contrast agent hyperbranched polyglycerol (HPG-GdF). <i>Contrast Media and Molecular Imaging</i> , 2016, 11, 77-88.	0.4	9
25	Fast and sensitive dynamic oxygen-enhanced MRI with a cycling gas challenge and independent component analysis. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 2514-2525.	1.9	8
26	Regional radiation dose susceptibility within the parotid gland: Effects on salivary loss and recovery. <i>Medical Physics</i> , 2015, 42, 2064-2071.	1.6	7
27	Detecting Vascular-Targeting Effects of the Hypoxic Cytotoxin Tirapazamine in Tumor Xenografts Using Magnetic Resonance Imaging. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 74, 957-965.	0.4	6
28	Rapid measurement of arterial input function in mouse tail from projection phases. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 238-245.	1.9	6
29	Heterogeneous radiotherapy dose-outcomes response in parotid glands. <i>Convergent Science Physical Oncology</i> , 2018, 4, 035001.	2.6	6
30	Dynamic Contrast-Enhanced MRI. <i>Methods in Molecular Biology</i> , 2018, 1718, 71-87.	0.4	6
31	Dynamic contrast-enhanced MRI in mice: An investigation of model parameter uncertainties. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 1979-1987.	1.9	5
32	Development of a method for functional aspect identification in parotid using dynamic contrast-enhanced magnetic resonance imaging and concurrent stimulation. <i>Acta Oncologica</i> , 2015, 54, 1686-1690.	0.8	5
33	Interhemispheric Difference Images from Postoperative Diffusion Tensor Imaging of Gliomas. <i>Cureus</i> , 2016, 8, e817.	0.2	2
34	Abstract 2988: Microenvironmental distribution of trastuzumab is heterogeneous and decreases sharply when administered following a single dose of bevacizumab in Her2+ve xenografts and metastases models. , 2014, , .		0