

Andrei Pugachev

List of Publications by Year in descending order

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8
papers

391
citations

1683354

5
h-index

1588620

8
g-index

8
all docs

8
docs citations

8
times ranked

584
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of regional tumor hypoxia using ¹⁸ F-fluoromisonidazole and ⁶⁴ Cu(II)-diacetyl-bis(N4-methylthiosemicarbazone) positron emission tomography: Comparative study featuring microPET imaging, Po ₂ probe measurement, autoradiography, and fluorescent microscopy in the R3327-AT and FaDu rat tumor models. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005, 61, 1493-1502.	0.4	183
2	Dependence of FDG uptake on tumor microenvironment. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005, 62, 545-553.	0.4	170
3	In vivo characterization of a reporter gene system for imaging hypoxia-induced gene expression. <i>Nuclear Medicine and Biology</i> , 2009, 36, 821-831.	0.3	15
4	Comprehensive Approach to Coregistration of Autoradiography and Microscopy Images Acquired from a Set of Sequential Tissue Sections. <i>Journal of Nuclear Medicine</i> , 2011, 52, 1621-1629.	2.8	8
5	An alternative approach to histopathological validation of PET imaging for radiation therapy image-guidance: A proof of concept. <i>Radiotherapy and Oncology</i> , 2014, 110, 309-316.	0.3	5
6	Tumour microenvironment heterogeneity affects the perceived spatial concordance between the intratumoural patterns of cell proliferation and ¹⁸ F-fluorothymidine uptake. <i>Radiotherapy and Oncology</i> , 2012, 105, 49-56.	0.3	4
7	On autoradiographic studies comparing the distributions of ¹⁸ F- and ¹⁴ C-labeled compounds in tumor tissue specimens. <i>Radiotherapy and Oncology</i> , 2010, 97, 609.	0.3	3
8	Single-fraction simulation of relative cell survival in response to uniform versus hypoxia-targeted dose escalation. <i>Physics in Medicine and Biology</i> , 2012, 57, 2757-2774.	1.6	3