

Turid Torheim

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

637
citations

840776

11
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

1198
citing authors

#	ARTICLE	IF	CITATIONS
1	Semi-automatic tumor segmentation of rectal cancer based on functional magnetic resonance imaging. <i>Physics and Imaging in Radiation Oncology</i> , 2022, 22, 77-84.	2.9	3
2	Hypoxia and perfusion in breast cancer: simultaneous assessment using PET/MR imaging. <i>European Radiology</i> , 2021, 31, 333-344.	4.5	32
3	A comparison of methods for fully automatic segmentation of tumors and involved nodes in PET/CT of head and neck cancers. <i>Physics in Medicine and Biology</i> , 2021, 66, 065012.	3.0	26
4	Hyperpolarized ¹³ C MRI of Tumor Metabolism Demonstrates Early Metabolic Response to Neoadjuvant Chemotherapy in Breast Cancer. <i>Radiology Imaging Cancer</i> , 2020, 2, e200017.	1.6	40
5	Imaging breast cancer using hyperpolarized carbon-13 MRI. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 2092-2098.	7.1	138
6	Characterizing tumor invasiveness of glioblastoma using multiparametric magnetic resonance imaging. <i>Journal of Neurosurgery</i> , 2020, 132, 1465-1472.	1.6	39
7	Optoacoustic Imaging Detects Hormone-Related Physiological Changes of Breast Parenchyma. <i>Ultraschall in Der Medizin</i> , 2019, 40, 757-763.	1.5	8
8	OC-0517 Automatic tumor delineation in rectal cancer using functional MRI and machine learning. <i>Radiotherapy and Oncology</i> , 2019, 133, S269-S270.	0.6	0
9	Multi-parametric and multi-regional histogram analysis of MRI: modality integration reveals imaging phenotypes of glioblastoma. <i>European Radiology</i> , 2019, 29, 4718-4729.	4.5	17
10	Low perfusion compartments in glioblastoma quantified by advanced magnetic resonance imaging and correlated with patient survival. <i>Radiotherapy and Oncology</i> , 2019, 134, 17-24.	0.6	15
11	Decoding the Interdependence of Multiparametric Magnetic Resonance Imaging to Reveal Patient Subgroups Correlated with Survivals. <i>Neoplasia</i> , 2019, 21, 442-449.	5.3	9
12	Intratumoral Heterogeneity of Glioblastoma Infiltration Revealed by Joint Histogram Analysis of Diffusion Tensor Imaging. <i>Neurosurgery</i> , 2019, 85, 524-534.	1.1	29
13	Autodelineation of cervical cancers using multiparametric magnetic resonance imaging and machine learning. <i>Acta OncolÃ³gica</i> , 2017, 56, 806-812.	1.8	26
14	In Quest of the Alanine R3 Radical: Multivariate EPR Spectral Analyses of X-Irradiated Alanine in the Solid State. <i>Journal of Physical Chemistry A</i> , 2017, 121, 7139-7147.	2.5	10
15	Haralick texture features from apparent diffusion coefficient (ADC) MRI images depend on imaging and pre-processing parameters. <i>Scientific Reports</i> , 2017, 7, 4041.	3.3	115
16	Dynamic 2-Deoxy-2-[18F]Fluoro-D-Glucose Positron Emission Tomography for Chemotherapy Response Monitoring of Breast Cancer Xenografts. <i>Molecular Imaging and Biology</i> , 2017, 19, 271-279.	2.6	4
17	Cluster analysis of dynamic contrast enhanced MRI reveals tumor subregions related to locoregional relapse for cervical cancer patients. <i>Acta OncolÃ³gica</i> , 2016, 55, 1294-1298.	1.8	33
18	OC-0418: Cluster analysis of DCE MRI reveals tumor subregions related to relapse of cervical cancers. <i>Radiotherapy and Oncology</i> , 2016, 119, S195.	0.6	0

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19	Classification of Dynamic Contrast Enhanced MR Images of Cervical Cancers Using Texture Analysis and Support Vector Machines. IEEE Transactions on Medical Imaging, 2014, 33, 1648-1656.	8.9	88
20	Surface waves from bottom vibrations in uniform open-channel flow. European Journal of Mechanics, B/Fluids, 2012, 36, 39-47.	2.5	5