Turid Torheim

List of Publications by Year
in descending order

20 papers	**637** citations
11 h-index	**18** g-index
20 all docs	**20** docs citations
20 times ranked	**1198** citing authors

840776

839539

#	Article	IF	Citations
1	Imaging breast cancer using hyperpolarized carbon-13 MRI. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 2092-2098.	7.1	138
2	Haralick texture features from apparent diffusion coefficient (ADC) MRI images depend on imaging and pre-processing parameters. Scientific Reports, 2017, 7, 4041.	3.3	115
3	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
4	Hyperpolarized ^{13}C MRI of Tumor Metabolism Demonstrates Early Metabolic Response to Neoadjuvant Chemotherapy in Breast Cancer. Radiology Imaging Cancer, 2020, 2, e200017.	1.6	40
5	Characterizing tumor invasiveness of glioblastoma using multiparametric magnetic resonance imaging. Journal of Neurosurgery, 2020, 132, 1465-1472.	1.6	39
6	Cluster analysis of dynamic contrast enhanced MRI reveals tumor subregions related to locoregional relapse for cervical cancer patients. Acta Oncológica, 2016, 55, 1294-1298.	1.8	33
7	Hypoxia and perfusion in breast cancer: simultaneous assessment using PET/MR imaging. European Radiology, 2021, 31, 333-344.	4.5	32
8	Intratumoral Heterogeneity of Glioblastoma Infiltration Revealed by Joint Histogram Analysis of Diffusion Tensor Imaging. Neurosurgery, 2019, 85, 524-534.	1.1	29
9	Autodelineation of cervical cancers using multiparametric magnetic resonance imaging and machine learning. Acta Oncológica, 2017, 56, 806-812.	1.8	26
10	A comparison of methods for fully automatic segmentation of tumors and involved nodes in PET/CT of head and neck cancers. Physics in Medicine and Biology, 2021, 66, 065012.	3.0	26
11	Multi-parametric and multi-regional histogram analysis of MRI: modality integration reveals imaging phenotypes of glioblastoma. European Radiology, 2019, 29, 4718-4729.	4.5	17
12	Low perfusion compartments in glioblastoma quantified by advanced magnetic resonance imaging and correlated with patient survival. Radiotherapy and Oncology, 2019, 134, 17-24.	0.6	15
13	In Quest of the Alanine R3 Radical: Multivariate EPR Spectral Analyses of X-Irradiated Alanine in the Solid State. Journal of Physical Chemistry A, 2017, 121, 7139-7147.	2.5	10
14	Decoding the Interdependence of Multiparametric Magnetic Resonance Imaging to Reveal Patient Subgroups Correlated with Survivals. Neoplasia, 2019, 21, 442-449.	5.3	9
15	Optoacoustic Imaging Detects Hormone-Related Physiological Changes of Breast Parenchyma. Ultraschall in Der Medizin, 2019, 40, 757-763.	1.5	8
16	Surface waves from bottom vibrations in uniform open-channel flow. European Journal of Mechanics, B/Fluids, 2012, 36, 39-47.	2.5	5
17	Dynamic 2-Deoxy-2-[18F]Fluoro-D-Glucose Positron Emission Tomography for Chemotherapy Response Monitoring of Breast Cancer Xenografts. Molecular Imaging and Biology, 2017, 19, 271-279.	2.6	4
18	Semi-automatic tumor segmentation of rectal cancer based on functional magnetic resonance imaging. Physics and Imaging in Radiation Oncology, 2022, 22, 77-84.	2.9	3

#	ARTICLE	IF	CITATIONS
19	OC-0418: Cluster analysis of DCE MRI reveals tumor subregions related to relapse of cervical cancers. Radiotherapy and Oncology, 2016, 119, S195.	0.6	0
20	OC-0517 Automatic tumor delineation in rectal cancer using functional MRI and machine learning. Radiotherapy and Oncology, 2019, 133, S269-S270.	0.6	0