

Ararat Chakhoyan

List of Publications by Year in descending order

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14
papers

347
citations

759233

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1058476

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14
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793
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiparametric MR-PET Imaging Predicts Pharmacokinetics and Clinical Response to GDC-0084 in Patients with Recurrent High-Grade Glioma. <i>Clinical Cancer Research</i> , 2020, 26, 3135-3144.	7.0	7
2	Association between Tumor Acidity and Hypervascularity in Human Gliomas Using pH-Weighted Amine Chemical Exchange Saturation Transfer Echo-Planar Imaging and Dynamic Susceptibility Contrast Perfusion MRI at 3T. <i>American Journal of Neuroradiology</i> , 2019, 40, 979-986.	2.4	24
3	Metabolic characterization of human IDH mutant and wild type gliomas using simultaneous pH- and oxygen-sensitive molecular MRI. <i>Neuro-Oncology</i> , 2019, 21, 1184-1196.	1.2	28
4	Probabilistic independent component analysis of dynamic susceptibility contrast perfusion MRI in metastatic brain tumors. <i>Cancer Imaging</i> , 2019, 19, 14.	2.8	7
5	Validation of vessel size imaging (VSI) in high-grade human gliomas using magnetic resonance imaging, image-guided biopsies, and quantitative immunohistochemistry. <i>Scientific Reports</i> , 2019, 9, 2846.	3.3	32
6	pH-weighted amine chemical exchange saturation transfer echoplanar imaging (CEST-EPI) as a potential early biomarker for bevacizumab failure in recurrent glioblastoma. <i>Journal of Neuro-Oncology</i> , 2019, 142, 587-595.	2.9	28
7	pH-weighted molecular MRI in human traumatic brain injury (TBI) using amine proton chemical exchange saturation transfer echoplanar imaging (CEST EPI). <i>NeuroImage: Clinical</i> , 2019, 22, 101736.	2.7	19
8	¹⁸ F-FDOPA PET and MRI characteristics correlate with degree of malignancy and predict survival in treatment-naïve gliomas: a cross-sectional study. <i>Journal of Neuro-Oncology</i> , 2018, 139, 399-409.	2.9	32
9	Post-chemoradiation volumetric response predicts survival in newly diagnosed glioblastoma treated with radiation, temozolomide, and bevacizumab or placebo. <i>Neuro-Oncology</i> , 2018, 20, 1525-1535.	1.2	15
10	Volumetric response quantified using T1 subtraction predicts long-term survival benefit from cabozantinib monotherapy in recurrent glioblastoma. <i>Neuro-Oncology</i> , 2018, 20, 1411-1418.	1.2	24
11	Simultaneous pH-sensitive and oxygen-sensitive MRI of human gliomas at 3T using multi-echo amine proton chemical exchange saturation transfer spin-echo gradient echo echo-planar imaging (CEST-SAGE-EPI). <i>Magnetic Resonance in Medicine</i> , 2018, 80, 1962-1978.	3.0	38
12	Improved Spatiotemporal Resolution of Dynamic Susceptibility Contrast Perfusion MRI in Brain Tumors Using Simultaneous Multi-Slice Echo-Planar Imaging. <i>American Journal of Neuroradiology</i> , 2018, 39, 43-45.	2.4	15
13	Mono-exponential, diffusion kurtosis and stretched exponential diffusion MR imaging response to chemoradiation in newly diagnosed glioblastoma. <i>Journal of Neuro-Oncology</i> , 2018, 139, 651-659.	2.9	25
14	Diffusion MRI Phenotypes Predict Overall Survival Benefit from Anti-VEGF Monotherapy in Recurrent Glioblastoma: Converging Evidence from Phase II Trials. <i>Clinical Cancer Research</i> , 2017, 23, 5745-5756.	7.0	53