Julie Bolcaen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1703042/publications.pdf

Version: 2024-02-01

21	309	759233 12	888059 17
papers	citations	h-index	g-index

22	22	22	488
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Perspective on the Use of DNA Repair Inhibitors as a Tool for Imaging and Radionuclide Therapy of Glioblastoma. Cancers, 2022, 14, 1821.	3.7	3
2	Assessment of the effect of therapy in a rat model of glioblastoma using [18F]FDG and [18F]FCho PET compared to contrast-enhanced MRI. PLoS ONE, 2021, 16, e0248193.	2.5	5
3	Novel Receptor Tyrosine Kinase Pathway Inhibitors for Targeted Radionuclide Therapy of Glioblastoma. Pharmaceuticals, 2021, 14, 626.	3.8	14
4	MDM2/X Inhibitors as Radiosensitizers for Glioblastoma Targeted Therapy. Frontiers in Oncology, 2021, 11, 703442.	2.8	17
5	A perspective on the radiopharmaceutical requirements for imaging and therapy of glioblastoma. Theranostics, 2021, 11, 7911-7947.	10.0	23
6	DNA damage response of haematopoietic stem and progenitor cells to high-LET neutron irradiation. Scientific Reports, 2021, 11, 20854.	3.3	5
7	An Automated Microscopic Scoring Method for the γ-H2AX Foci Assay in Human Peripheral Blood Lymphocytes. Journal of Visualized Experiments, 2021, , .	0.3	5
8	Immunological Changes During Space Travel: A Ground-Based Evaluation of the Impact of Neutron Dose Rate on Plasma Cytokine Levels in Human Whole Blood Cultures. Frontiers in Physics, 2020, 8, .	2.1	1
9	Technical feasibility of [18F]FET and [18F]FAZA PET guided radiotherapy in a F98 glioblastoma rat model. Radiation Oncology, 2019, 14, 89.	2.7	9
10	New fluoroethyl phenylalanine analogues as potential LAT1-targeting PET tracers for glioblastoma. Scientific Reports, 2019, 9, 2878.	3.3	18
11	The Path Toward PET-Guided Radiation Therapy for Glioblastoma in Laboratory Animals: A Mini Review. Frontiers in Medicine, 2019, 6, 5.	2.6	11
12	The Impact of Dose Rate on DNA Double-Strand Break Formation and Repair in Human Lymphocytes Exposed to Fast Neutron Irradiation. International Journal of Molecular Sciences, 2019, 20, 5350.	4.1	18
13	18F-FCho PET and MRI for the prediction of response in glioblastoma patients according to the RANO criteria. Nuclear Medicine Communications, 2017, 38, 242-249.	1.1	20
14	In Vivo DCE-MRI for the Discrimination Between Glioblastoma and Radiation Necrosis in Rats. Molecular Imaging and Biology, 2017, 19, 857-866.	2.6	15
15	PET and MRI Guided Irradiation of a Glioblastoma Rat Model Using a Micro-irradiator. Journal of Visualized Experiments, 2017, , .	0.3	6
16	Kinetic Modeling and Graphical Analysis of 18F-Fluoromethylcholine (FCho), 18F-Fluoroethyltyrosine (FET) and 18F-Fluorodeoxyglucose (FDG) PET for the Fiscrimination between High-Grade Glioma and Radiation Necrosis in Rats. PLoS ONE, 2016, 11, e0161845.	2.5	17
17	18F-fluoromethylcholine (FCho), 18F-fluoroethyltyrosine (FET), and 18F-fluorodeoxyglucose (FDG) for the discrimination between high-grade glioma and radiation necrosis in rats: A PET study. Nuclear Medicine and Biology, 2015, 42, 38-45.	0.6	30
18	MRI-guided 3D conformal arc micro-irradiation of a F98 glioblastoma rat model using the Small Animal Radiation Research Platform (SARRP). Journal of Neuro-Oncology, 2014, 120, 257-266.	2.9	32

#	Article	IF	Citations
19	Structural and Metabolic Features of Two Different Variants of Multiple Sclerosis: A PET/MRI Study. Journal of Neuroimaging, 2013, 23, 431-436.	2.0	31
20	The optimal timing for imaging brain tumours and other brain lesions with 18F-labelled fluoromethylcholine. Nuclear Medicine Communications, 2012, 33, 954-959.	1.1	22
21	PET for Therapy Response Assessment in Glioblastoma. , 0, , 175-195.		5