

Munkhbaatar Batmunkh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8277908/publications.pdf>

Version: 2024-02-01

11
papers

68
citations

2258059

3
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

123
citing authors

#	ARTICLE	IF	CITATIONS
1	Computer simulation of radiation damage mechanisms in the structure of brain cells. AIP Conference Proceedings, 2021, , .	0.4	1
2	Monte Carlo track structure simulation in studies of biological effects induced by accelerated charged particles in the central nervous system. EPJ Web of Conferences, 2019, 204, 04008.	0.3	1
3	Optimized neuron models for estimation of charged particle energy deposition in hippocampus. Physica Medica, 2019, 57, 88-94.	0.7	5
4	Simulation of Radiation Damage to Neural Cells with the Geant4-DNA Toolkit. EPJ Web of Conferences, 2018, 173, 05005.	0.3	2
5	Radiation Damage to Nervous System: Designing Optimal Models for Realistic Neuron Morphology in Hippocampus. EPJ Web of Conferences, 2018, 173, 05004.	0.3	1
6	Mathematical Modeling of the DNA Double-Strand Break Repair in Mammalian and Human Cells. , 2016, , 169-174.		0
7	Radiation damage to neuronal cells: Simulating the energy deposition and water radiolysis in a small neural network. Physica Medica, 2016, 32, 1510-1520.	0.7	15
8	Estimation of the spatial energy deposition in CA1 pyramidal neurons under exposure to ^{12}C and ^{56}Fe ion beams. Journal of Radiation Research and Applied Sciences, 2015, 8, 498-507.	1.2	11
9	A quantitative model of the major pathways for radiation-induced DNA double-strand break repair. Journal of Theoretical Biology, 2015, 366, 115-130.	1.7	30
10	Simulations of Radioactive Decays: an Application of Low-Energy Electromagnetic Packages for the Nuclear Medicine. Mongolian Journal of Biological Sciences, 2015, 13, .	0.3	0
11	Cluster analysis of HZE particle tracks as applied to space radiobiology problems. Physics of Particles and Nuclei Letters, 2013, 10, 854-859.	0.4	2