

GaÃ«tan Gruel

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

527
citations

687363

13
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

704
citing authors

#	ARTICLE	IF	CITATIONS
1	Strategy for Population Triage Based on Dicentric Analysis. <i>Radiation Research</i> , 2009, 171, 541-548.	1.5	78
2	Microarray Analysis of LIF/Stat3 Transcriptional Targets in Embryonic Stem Cells. <i>Stem Cells</i> , 2005, 23, 1634-1642.	3.2	65
3	Characterization of gene expression profiles at low and very low doses of ionizing radiation. <i>DNA Repair</i> , 2013, 12, 508-517.	2.8	46
4	Detection of Partial-Body Exposure to Ionizing Radiation by the Automatic Detection of Dicentrics. <i>Radiation Research</i> , 2012, 178, 357-364.	1.5	33
5	Biological Dosimetry by Automated Dicentric Scoring in a Simulated Emergency. <i>Radiation Research</i> , 2013, 179, 557-569.	1.5	33
6	Broad Modulation of Gene Expression in CD4 ⁺ Lymphocyte Subpopulations in Response to Low Doses of Ionizing Radiation. <i>Radiation Research</i> , 2008, 170, 335-344.	1.5	32
7	Breast cancer stem cell-like cells generated during TGF β ² -induced EMT are radioresistant. <i>Oncotarget</i> , 2018, 9, 23519-23531.	1.8	28
8	Hyperosmotic NaCl and Urea Synergistically Regulate the Expression of the UT-A2 Urea Transporter in Vitro and in Vivo. <i>Biochemical and Biophysical Research Communications</i> , 2000, 271, 368-373.	2.1	23
9	Transcriptional repression by p53 promotes a Bcl-2-insensitive and mitochondria-independent pathway of apoptosis. <i>Nucleic Acids Research</i> , 2004, 32, 4480-4490.	14.5	23
10	Assessment of Radio-Induced Damage in Endothelial Cells Irradiated with 40 kVp, 220 kVp, and 4 MV X-rays by Means of Micro and Nanodosimetric Calculations. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6204.	4.1	23
11	Novel Microarray-Based Method for Estimating Exposure to Ionizing Radiation. <i>Radiation Research</i> , 2006, 166, 746-756.	1.5	21
12	Geant4-DNA simulation of DNA damage caused by direct and indirect radiation effects and comparison with biological data.. <i>EPJ Web of Conferences</i> , 2017, 153, 04019.	0.3	20
13	Cell to Cell Variability of Radiation-Induced Foci: Relation between Observed Damage and Energy Deposition. <i>PLoS ONE</i> , 2016, 11, e0145786.	2.5	20
14	Multiparametric radiobiological assays show that variation of X-ray energy strongly impacts relative biological effectiveness: comparison between 220 kV and 4 MV. <i>Scientific Reports</i> , 2019, 9, 14328.	3.3	14
15	Relation between DNA double-strand breaks and energy spectra of secondary electrons produced by different X-ray energies. <i>International Journal of Radiation Biology</i> , 2018, 94, 1075-1084.	1.8	13
16	RENEB Inter-Laboratory comparison 2017: limits and pitfalls of ILCs. <i>International Journal of Radiation Biology</i> , 2021, 97, 888-905.	1.8	13
17	From Energy Deposition of Ionizing Radiation to Cell Damage Signaling: Benchmarking Simulations by Measured Yields of Initial DNA Damage after Ion Microbeam Irradiation. <i>Radiation Research</i> , 2019, 191, 566.	1.5	11
18	RENEB accident simulation exercise. <i>International Journal of Radiation Biology</i> , 2017, 93, 75-80.	1.8	10

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19	Chronic exposure to low concentrations of strontium 90 affects bone physiology but not the hematopoietic system in mice. <i>Journal of Applied Toxicology</i> , 2014, 34, 76-86.	2.8	9
20	Transmission of persistent ionizing radiation-induced foci through cell division in human primary cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2017, 797-799, 15-25.	1.0	7
21	Novel pathway for megakaryocyte production after in vivo conditional eradication of integrin α IIb-expressing cells. <i>Blood</i> , 2005, 106, 1965-1974.	1.4	5