

# GaÃ«tan Gruel

## List of Publications by Year in descending order

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21  
papers

527  
citations

687363

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h-index

713466

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g-index

21  
all docs

21  
docs citations

21  
times ranked

704  
citing authors

#	ARTICLE	IF	CITATIONS
1	RENEB Inter-Laboratory comparison 2017: limits and pitfalls of ILCs. International Journal of Radiation Biology, 2021, 97, 888-905.	1.8	13
2	Multiparametric radiobiological assays show that variation of X-ray energy strongly impacts relative biological effectiveness: comparison between 220 kV and 4 MV. Scientific Reports, 2019, 9, 14328.	3.3	14
3	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. International Journal of Molecular Sciences, 2019, 20, 6204.	4.1	23
4	From Energy Deposition of Ionizing Radiation to Cell Damage Signaling: Benchmarking Simulations by Measured Yields of Initial DNA Damage after Ion Microbeam Irradiation. Radiation Research, 2019, 191, 566.	1.5	11
5	Relation between DNA double-strand breaks and energy spectra of secondary electrons produced by different X-ray energies. International Journal of Radiation Biology, 2018, 94, 1075-1084.	1.8	13
6	Breast cancer stem cell-like cells generated during TGF $\beta$ <sup>2</sup> -induced EMT are radioresistant. Oncotarget, 2018, 9, 23519-23531.	1.8	28
7	Transmission of persistent ionizing radiation-induced foci through cell division in human primary cells. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2017, 797-799, 15-25.	1.0	7
8	Geant4-DNA simulation of DNA damage caused by direct and indirect radiation effects and comparison with biological data.. EPJ Web of Conferences, 2017, 153, 04019.	0.3	20
9	RENEB accident simulation exercise. International Journal of Radiation Biology, 2017, 93, 75-80.	1.8	10
10	Cell to Cell Variability of Radiation-Induced Foci: Relation between Observed Damage and Energy Deposition. PLoS ONE, 2016, 11, e0145786.	2.5	20
11	Chronic exposure to low concentrations of strontium 90 affects bone physiology but not the hematopoietic system in mice. Journal of Applied Toxicology, 2014, 34, 76-86.	2.8	9
12	Biological Dosimetry by Automated Dicentric Scoring in a Simulated Emergency. Radiation Research, 2013, 179, 557-569.	1.5	33
13	Characterization of gene expression profiles at low and very low doses of ionizing radiation. DNA Repair, 2013, 12, 508-517.	2.8	46
14	Detection of Partial-Body Exposure to Ionizing Radiation by the Automatic Detection of Dicentrics. Radiation Research, 2012, 178, 357-364.	1.5	33
15	Strategy for Population Triage Based on Dicentric Analysis. Radiation Research, 2009, 171, 541-548.	1.5	78
16	Broad Modulation of Gene Expression in CD4 <sup>+</sup> Lymphocyte Subpopulations in Response to Low Doses of Ionizing Radiation. Radiation Research, 2008, 170, 335-344.	1.5	32
17	Novel Microarray-Based Method for Estimating Exposure to Ionizing Radiation. Radiation Research, 2006, 166, 746-756.	1.5	21
18	Novel pathway for megakaryocyte production after in vivo conditional eradication of integrin $\beta$ IIb-expressing cells. Blood, 2005, 106, 1965-1974.	1.4	5

#	ARTICLE	IF	CITATIONS
19	Microarray Analysis of LIF/Stat3 Transcriptional Targets in Embryonic Stem Cells. <i>Stem Cells</i> , 2005, 23, 1634-1642.	3.2	65
20	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
21	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