

Janice M Pluth

List of Publications by Year in descending order

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18
papers

513
citations

687363

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839539

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709
citing authors

#	ARTICLE	IF	CITATIONS
1	Biochemical Kinetics Model of DSB Repair and Induction of γ -H2AX Foci by Non-homologous End Joining. <i>Radiation Research</i> , 2008, 169, 214-222.	1.5	116
2	Artemis deficiency confers a DNA double-strand break repair defect and Artemis phosphorylation status is altered by DNA damage and cell cycle progression. <i>DNA Repair</i> , 2005, 4, 556-570.	2.8	95
3	Novel Smad proteins localize to IR-induced double-strand breaks: interplay between TGF β ² and ATM pathways. <i>Nucleic Acids Research</i> , 2013, 41, 933-942.	14.5	48
4	Dose Response of γ Rays and Iron Nuclei for Induction of Chromosomal Aberrations in Normal and Repair-Deficient Cell Lines. <i>Radiation Research</i> , 2009, 171, 752-763.	1.5	37
5	Specific ATM-Mediated Phosphorylation Dependent on Radiation Quality. <i>Radiation Research</i> , 2008, 170, 353-364.	1.5	36
6	Evaluating biomarkers to model cancer risk post cosmic ray exposure. <i>Life Sciences in Space Research</i> , 2016, 9, 19-47.	2.3	30
7	Defining the Biological Effectiveness of Components of High-LET Track Structure. <i>Radiation Research</i> , 2015, 184, 105.	1.5	29
8	Putative binding modes of Ku70-SAP domain with double strand DNA: a molecular modeling study. <i>Journal of Molecular Modeling</i> , 2012, 18, 2163-2174.	1.8	20
9	DNA double-strand break and chromosomal rejoining defects with misrejoining in Nijmegen breakage syndrome cells. <i>DNA Repair</i> , 2008, 7, 108-118.	2.8	17
10	Increased Artemis levels confer radioresistance to both high and low LET radiation exposures. <i>Radiation Oncology</i> , 2012, 7, 96.	2.7	17
11	Protons Sensitize Epithelial Cells to Mesenchymal Transition. <i>PLoS ONE</i> , 2012, 7, e41249.	2.5	17
12	Heavy Ions Can Enhance TGF β ² Mediated Epithelial to Mesenchymal Transition. <i>Journal of Radiation Research</i> , 2012, 53, 51-57.	1.6	16
13	Analysis of Flow Cytometry DNA Damage Response Protein Activation Kinetics after Exposure to X Rays and High-Energy Iron Nuclei. <i>Radiation Research</i> , 2010, 174, 691-702.	1.5	14
14	AT cells are not radiosensitive for simple chromosomal exchanges at low dose. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 716, 76-83.	1.0	12
15	Comparison of signaling profiles in the low dose range following low and high LET radiation. <i>Life Sciences in Space Research</i> , 2020, 25, 28-41.	2.3	4
16	Lesion complexity drives age related cancer susceptibility in human mammary epithelial cells. <i>Aging</i> , 2017, 9, 665-686.	3.1	2
17	Genetic variation and radiation quality impact cancer promoting cellular phenotypes in response to HZE exposure. <i>Life Sciences in Space Research</i> , 2019, 20, 101-112.	2.3	2
18	XRCC4 and MRE11 Roles and Transcriptional Response to Repair of TALEN-Induced Double-Strand DNA Breaks. <i>International Journal of Molecular Sciences</i> , 2022, 23, 593.	4.1	1