Simone Moertl

List of Publications by Year
in descending order

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40	1,553	377584 21	355658 38
papers	citations	h-index	g-index

41	41	41	2881
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Omics in Radiation Biology: Surprised but Not Disappointed. Radiation, 2022, 2, 124-129.	0.6	6
2	The Chaperone Protein GRP78 Promotes Survival and Migration of Head and Neck Cancer After Direct Radiation Exposure and Extracellular Vesicle-Transfer. Frontiers in Oncology, 2022, 12, 842418.	1.3	9
3	A Five-Year report on the conception and establishment of the MSc Radiation Biology at the Technical University of Munich. International Journal of Radiation Biology, 2021, 97, 256-264.	1.0	0
4	Expert consultation is vital for adverse outcome pathway development: a case example of cardiovascular effects of ionizing radiation. International Journal of Radiation Biology, 2021, 97, 1-10.	1.0	20
5	Radiation field and dose inhomogeneities using an Xâ€ray cabinet in radiation biology research. Medical Physics, 2021, 48, 8140.	1.6	1
6	Advanced Omics and Radiobiological Tissue Archives: The Future in the Past. Applied Sciences (Switzerland), 2021, 11, 11108.	1.3	5
7	MEK1 Inhibitor Combined with Irradiation Reduces Migration of Breast Cancer Cells Including miR-221 and ZEB1 EMT Marker Expression. Cancers, 2020, 12, 3760.	1.7	8
8	Radiation Exposure of Peripheral Mononuclear Blood Cells Alters the Composition and Function of Secreted Extracellular Vesicles. International Journal of Molecular Sciences, 2020, 21, 2336.	1.8	18
9	Comparison of methods to isolate proteins from extracellular vesicles for mass spectrometry-based proteomic analyses. Analytical Biochemistry, 2019, 584, 113390.	1.1	39
10	Comparison of Radiosensitization by HDAC Inhibitors CUDC-101 and SAHA in Pancreatic Cancer Cells. International Journal of Molecular Sciences, 2019, 20, 3259.	1.8	33
11	Differential response of normal and transformed mammary epithelial cells to combined treatment of anti-miR-21 and radiation. International Journal of Radiation Biology, 2017, 93, 361-372.	1.0	7
12	Quantitative changes in the protein and miRNA cargo of plasma exosome-like vesicles after exposure to ionizing radiation. International Journal of Radiation Biology, 2017, 93, 569-580.	1.0	63
13	Radiation alters the cargo of exosomes released from squamous head and neck cancer cells to promote migration of recipient cells. Scientific Reports, 2017, 7, 12423.	1.6	92
14	Proteome analysis of irradiated endothelial cells reveals persistent alteration in protein degradation and the RhoGDI and NO signalling pathways. International Journal of Radiation Biology, 2017, 93, 920-928.	1.0	16
15	RENEB accident simulation exercise. International Journal of Radiation Biology, 2017, 93, 75-80.	1.0	10
16	Radiation induced transcriptional and post-transcriptional regulation of the hsa-miR-23a ~ 27a ~ 24-2 cluster suppresses apoptosis by stabilizing XIAP. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2017, 1860, 1127-1137.	0.9	13
17	The circRNA interactome-innovative hallmarks of the intra- and extracellular radiation response. Oncotarget, 2017, 8, 78397-78409.	0.8	28
18	Exosomes Derived from Squamous Head and Neck Cancer Promote Cell Survival after Ionizing Radiation. PLoS ONE, 2016, 11, e0152213.	1.1	127

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19	Examining Radiation-Induced In Vivo and In Vitro Gene Expression Changes of the Peripheral Blood in Different Laboratories for Biodosimetry Purposes: First RENEB Gene Expression Study. Radiation Research, 2016, 185, 109.	0.7	82
20	MicroRNAs as novel elements in personalized radiotherapy. Translational Cancer Research, 2016, 5, S1262-S1269.	0.4	21
21	Quantitative and integrated proteome and microRNA analysis of endothelial replicative senescence. Journal of Proteomics, 2015, 126, 12-23.	1.2	25
22	Realising the European network of biodosimetry: RENEB--status quo. Radiation Protection Dosimetry, 2015, 164, 42-45.	0.4	41
23	Circulating microRNAs as prognostic therapy biomarkers in head and neck cancer patients. British Journal of Cancer, 2015, 113, 76-82.	2.9	114
24	PARTICLE, a Triplex-Forming Long ncRNA, Regulates Locus-Specific Methylation in Response to Low-Dose Irradiation. Cell Reports, 2015, 11, 474-485.	2.9	189
25	Low-Dose Ionizing Radiation Rapidly Affects Mitochondrial and Synaptic Signaling Pathways in Murine Hippocampus and Cortex. Journal of Proteome Research, 2015, 14, 2055-2064.	1.8	45
26	The cognitive defects of neonatally irradiated mice are accompanied by changed synaptic plasticity, adult neurogenesis and neuroinflammation. Molecular Neurodegeneration, 2014, 9, 57.	4.4	95
27	Ionising Radiation Immediately Impairs Synaptic Plasticity-Associated Cytoskeletal Signalling Pathways in HT22 Cells and in Mouse Brain: An In Vitro/In Vivo Comparison Study. PLoS ONE, 2014, 9, e110464.	1.1	43
28	Changes in circulating microRNAs after radiochemotherapy in head and neck cancer patients. Radiation Oncology, 2013, 8, 296.	1.2	88
29	Cell Survival Following Radiation Exposure Requires miR-525-3p Mediated Suppression of ARRB1 and TXN1. PLoS ONE, 2013, 8, e77484.	1.1	16
30	UVA and UVB Irradiation Differentially Regulate microRNA Expression in Human Primary Keratinocytes. PLoS ONE, 2013, 8, e83392.	1.1	47
31	Realising the European Network of Biodosimetry (RENEB). Radiation Protection Dosimetry, 2012, 151, 621-625.	0.4	54
32	In Vitro Monitoring of Base Excision Repair in Saccharomyces cerevisiae. Methods in Molecular Biology, 2012, 920, 279-287.	0.4	0
33	MicroRNA-Mediated Processes are Essential for the Cellular Radiation Response. Radiation Research, 2011, 176, 575.	0.7	66
34	Low-dose irradiation causes rapid alterations to the proteome of the human endothelial cell line EA.hy926. Radiation and Environmental Biophysics, 2011, 50, 155-166.	0.6	49
35	The WST survival assay: an easy and reliable method to screen radiation-sensitive individuals. Radiation Protection Dosimetry, 2011, 143, 487-490.	0.4	29
36	A novel function of Ubc13 in TNFR1 receptor activation. Cellular Signalling, 2010, 22, 1388-1396.	1.7	5

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37	A novel function for the Mre11-Rad50-Xrs2 complex in base excision repair. Nucleic Acids Research, 2010, 38, 1853-1865.	6.5	13
38	NBS1 is required for IGF-1 induced cellular proliferation through the Ras/Raf/MEK/ERK cascade. Cellular Signalling, 2008, 20, 2276-2285.	1.7	20
39	Xrs2 facilitates crossovers during DNA double-strand gap repair in yeast. DNA Repair, 2008, 7, 1563-1577.	1.3	5
40	Regulation of double-stranded DNA gap repair by the RAD6 pathway. DNA Repair, 2008, 7, 1893-1906.	1.3	11