

# Susanne Burdak-Rothkamm

## List of Publications by Year in descending order

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34  
papers

1,358  
citations

516710

16  
h-index

454955

30  
g-index

35  
all docs

35  
docs citations

35  
times ranked

2324  
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA Damage Repair Deficiency and Synthetic Lethality for Cancer Treatment. Trends in Molecular Medicine, 2021, 27, 91-92.	6.7	14
2	Interplay between DNA replication stress, chromatin dynamics and DNA-damage response for the maintenance of genome stability. Mutation Research - Reviews in Mutation Research, 2021, 787, 108346.	5.5	18
3	Second-Generation Antiandrogen Therapy Radiosensitizes Prostate Cancer Regardless of Castration State through Inhibition of DNA Double Strand Break Repair. Cancers, 2020, 12, 2467.	3.7	11
4	Radiosensitisation and enhanced tumour growth delay of colorectal cancer cells by sustained treatment with trifluridine/tipiracil and X-rays. Cancer Letters, 2020, 493, 179-188.	7.2	8
5	DNA Damage Repair Deficiency in Prostate Cancer. Trends in Cancer, 2020, 6, 974-984.	7.4	25
6	OC-0635 Targeting TEMPRSS2:ERG fusion to achieve a tumor-specific radiosensitization in prostate cancer. Radiotherapy and Oncology, 2019, 133, S338-S339.	0.6	0
7	PO-1085 Prolonged trifluridine/tipiracil treatment radiosensitises colorectal cancer cells. Radiotherapy and Oncology, 2019, 133, S602-S603.	0.6	0
8	A functional <i>ex vivo</i> assay to detect PARP1 repair and radiosensitization by PARP inhibitor in prostate cancer. International Journal of Cancer, 2019, 144, 1685-1696.	5.1	18
9	Establishment of the First Well-differentiated Human Pancreatic Neuroendocrine Tumor Model. Molecular Cancer Research, 2018, 16, 496-507.	3.4	55
10	Reduced RBM3 expression is associated with aggressive tumor features in esophageal cancer but not significantly linked to patient outcome. BMC Cancer, 2018, 18, 1106.	2.6	9
11	Radiation-induced bystander and systemic effects serve as a unifying model system for genotoxic stress responses. Mutation Research - Reviews in Mutation Research, 2018, 778, 13-22.	5.5	42
12	High Level Glyoxalase 1 (GLO1) expression is linked to poor prognosis in prostate cancer. Prostate, 2017, 77, 1528-1538.	2.3	16
13	Prevalence of $\beta$ -tubulin (TUBB3) expression in human normal tissues and cancers. Tumor Biology, 2017, 39, 101042831771216.	1.8	51
14	Successful mTOR inhibitor therapy for a metastatic neuroendocrine tumour in a patient with a germline TSC2 mutation. Annals of Oncology, 2017, 28, 904-905.	1.2	8
15	Increased ERCC1 expression is linked to chromosomal aberrations and adverse tumor biology in prostate cancer. BMC Cancer, 2017, 17, 504.	2.6	9
16	Targeted nanoparticles for tumour radiotherapy enhancement – the long dawn of a golden era?. Annals of Translational Medicine, 2016, 4, 523-523.	1.7	12
17	DNA damage foci: Meaning and significance. Environmental and Molecular Mutagenesis, 2015, 56, 491-504.	2.2	254
18	BRCA1, FANCD2 and Chk1 are potential molecular targets for the modulation of a radiation-induced DNA damage response in bystander cells. Cancer Letters, 2015, 356, 454-461.	7.2	39

#	ARTICLE	IF	CITATIONS
19	Radioprotection of targeted and bystander cells by methylproamine. <i>Strahlentherapie Und Onkologie</i> , 2015, 191, 248-255.	2.0	15
20	FGFR1 Amplification Is Often Homogeneous and Strongly Linked to the Squamous Cell Carcinoma Subtype in Esophageal Carcinoma. <i>PLoS ONE</i> , 2015, 10, e0141867.	2.5	16
21	Ionizing Radiation-Induced DNA Strand Breaks and $\gamma$ -H2AX Foci in Cells Exposed to Nitric Oxide. <i>Methods in Molecular Biology</i> , 2011, 704, 17-25.	0.9	3
22	Cohesin promotes the repair of ionizing radiation-induced DNA double-strand breaks in replicated chromatin. <i>Nucleic Acids Research</i> , 2010, 38, 477-487.	14.5	79
23	New molecular targets in radiotherapy: DNA damage signalling and repair in targeted and non-targeted cells. <i>European Journal of Pharmacology</i> , 2009, 625, 151-155.	3.5	51
24	DNA and chromosomal damage in response to intermittent extremely low-frequency magnetic fields. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 672, 82-89.	1.7	23
25	The DNA Damage Response in Nontargeted Cells. , 2009, , 193-198.		0
26	Oral Polio vaccination leads to oligoclonal expansion of TCRBV16+ and TCRBV13+ T cells in the colon of rhesus macaques. <i>Experimental and Molecular Pathology</i> , 2008, 85, 189-195.	2.1	3
27	ATM Acts Downstream of ATR in the DNA Damage Response Signaling of Bystander Cells. <i>Cancer Research</i> , 2008, 68, 7059-7065.	0.9	116
28	ATR-dependent bystander effects in nontargeted cells. <i>International Journal of Low Radiation</i> , 2008, 5, 22.	0.1	2
29	Cytoplasmic Irradiation Induces Mitochondrial-Dependent 53BP1 Protein Relocalization in Irradiated and Bystander Cells. <i>Cancer Research</i> , 2007, 67, 5872-5879.	0.9	160
30	New insights on radiation-induced bystander signalling and its relationship to DNA repair. <i>International Congress Series</i> , 2007, 1299, 121-127.	0.2	4
31	ATR-dependent radiation-induced $\gamma$ -H2AX foci in bystander primary human astrocytes and glioma cells. <i>Oncogene</i> , 2007, 26, 993-1002.	5.9	179
32	Radiosensitivity of Tumor Cell Lines after Pretreatment with the EGFR Tyrosine Kinase Inhibitor ZD1839 (Iressa®). <i>Strahlentherapie Und Onkologie</i> , 2005, 181, 197-204.	2.0	32
33	Irradiation Induces a Biphasic Expression of Pro-Inflammatory Cytokines in the Lung. <i>Strahlentherapie Und Onkologie</i> , 2004, 180, 442-448.	2.0	86
34	484 Biological markers associated with sensitivity of tumour cells to the epidermal growth factor receptor-tyrosine kinase inhibitor ZD1839 and ionizing radiation. <i>European Journal of Cancer, Supplement</i> , 2003, 1, S147.	2.2	0