Maja T Tomicic

List of Publications by Year
in descending order

51 papers	2,632 citations	186265 28 h-index	182427 51 g-index
52 all docs	52 docs citations	52 times ranked	3829 citing authors

#	Article	IF	Citations
1	Alterations in Molecular Profiles Affecting Glioblastoma Resistance to Radiochemotherapy: Where Does the Good Go?. Cancers, 2022, 14, 2416.	3.7	13
2	Oxaliplatin-Induced Senescence in Colorectal Cancer Cells Depends on p14ARF-Mediated Sustained p53 Activation. Cancers, 2021, 13, 2019.	3.7	14
3	Localization matters: nuclear-trapped Survivin sensitizes glioblastoma cells to temozolomide by elevating cellular senescence and impairing homologous recombination. Cellular and Molecular Life Sciences, 2021, 78, 5587-5604.	5.4	9
4	Targeting c-IAP1, c-IAP2, and Bcl-2 Eliminates Senescent Glioblastoma Cells Following Temozolomide Treatment. Cancers, 2021, 13, 3585.	3.7	19
5	Epigenetic Alterations Upstream and Downstream of p53 Signaling in Colorectal Carcinoma. Cancers, 2021, 13, 4072.	3.7	14
6	Benzo[a]pyrene represses DNA repair through altered E2F1/E2F4 function marking an early event in DNA damage-induced cellular senescence. Nucleic Acids Research, 2020, 48, 12085-12101.	14.5	23
7	Functional mismatch repair and inactive p53 drive sensitization of colorectal cancer cells to irinotecan via the IAP antagonist BV6. Archives of Toxicology, 2019, 93, 2265-2277.	4.2	13
8	Antithrombotic activity of flavonoids and polyphenols rich plant species. Acta Pharmaceutica, 2019, 69, 483-495.	2.0	37
9	Temozolomide Induces Senescence and Repression of DNA Repair Pathways in Glioblastoma Cells via Activation of ATRâ€“CHK1, p21, and NF-Î²B. Cancer Research, 2019, 79, 99-113.	0.9	126
10	Repair gene O⁶â€methylguanineâ€DNA methyltransferase is controlled by SP1 and upâ€regulated by glucocorticoids, but not by temozolomide and radiation. Journal of Neurochemistry, 2018, 144, 139-151.	3.9	41
11	The Effect of Short-Toothed and Dalmatian Sage Extracts on Platelet Aggregation. Food Technology and Biotechnology, 2018, 56, 265-269.	2.1	3
12	Targeting anticancer drug-induced senescence in glioblastoma therapy. Oncotarget, 2018, 9, 37466-37467.	1.8	4
13	Differential Effects of Integrin Î±v Knockdown and Cilengitide on Sensitization of Triple-Negative Breast Cancer and Melanoma Cells to Microtubule Poisons. Molecular Pharmacology, 2018, 94, 1334-1351.	2.3	20
14	Replica to the Opinion Letter regarding the article â€œSensitization of colorectal cancer cells to irinotecan by the Survivin inhibitor LLP3 depends on XAF1 proficiency in the context of mutated p53â€• (Arch Toxicol https://doi.org/10.1007/s00204-018-240-x). Archives of Toxicology, 2018, 92, 3243-3244.	4.2	1
15	Sensitization of colorectal cancer cells to irinotecan by the Survivin inhibitor LLP3 depends on XAF1 proficiency in the context of mutated p53. Archives of Toxicology, 2018, 92, 2645-2648.	4.2	13
16	Class I histone deacetylases regulate p53/NF-Î²B crosstalk in cancer cells. Cellular Signalling, 2017, 29, 218-225.	3.6	41
17	Epigenetic silencing of XAF1 in high-grade gliomas is associated with IDH1 status and improved clinical outcome. Oncotarget, 2017, 8, 15071-15084.	1.8	13
18	Integrin Î±VÎ²3 silencing sensitizes malignant glioma cells to temozolomide by suppression of homologous recombination repair. Oncotarget, 2017, 8, 27754-27771.	1.8	28

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19	Adaptive upregulation of DNA repair genes following benzo(a)pyrene diol epoxide protects against cell death at the expense of mutations. Nucleic Acids Research, 2016, 44, 10727-10743.	14.5	37
20	Apoptosis induced by temozolomide and nimustine in glioblastoma cells is supported by JNK/c-Jun-mediated induction of the BH3-only protein BIM. Oncotarget, 2015, 6, 33755-33768.	1.8	42
21	Translesion Polymerase Î· Is Upregulated by Cancer Therapeutics and Confers Anticancer Drug Resistance. Cancer Research, 2014, 74, 5585-5596.	0.9	48
22	Human three prime exonuclease TREX1 is induced by genotoxic stress and involved in protection of glioma and melanoma cells to anticancer drugs. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 1832-1843.	4.1	23
23	Topoisomerase degradation, DSB repair, p53 and IAPs in cancer cell resistance to camptothecin-like topoisomerase I inhibitors. Biochimica Et Biophysica Acta: Reviews on Cancer, 2013, 1835, 11-27.	7.4	65
24	Interference of selected flavonoid aglycons in platelet aggregation assays. Clinical Chemistry and Laboratory Medicine, 2012, 50, 1403-8.	2.3	14
25	The chloroethylating anticancer drug ACNU induces FRA1 that is involved in drug resistance of glioma cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 1199-1207.	4.1	8
26	Survivin inhibition and DNA double-strand break repair: A molecular mechanism to overcome radioresistance in glioblastoma. Radiotherapy and Oncology, 2011, 101, 51-58.	0.6	70
27	Delayed c-Fos activation in human cells triggers XPF induction and an adaptive response to UVC-induced DNA damage and cytotoxicity. Cellular and Molecular Life Sciences, 2011, 68, 1785-1798.	5.4	29
28	Evaluation of antiaggregatory activity of flavonoid aglycone series. Nutrition Journal, 2011, 10, 73.	3.4	44
29	Cisplatin resistance: Preclinical findings and clinical implications. Biochimica Et Biophysica Acta: Reviews on Cancer, 2010, 1806, 172-182.	7.4	220
30	Topotecan Triggers Apoptosis in p53-Deficient Cells by Forcing Degradation of XIAP and Survivin Thereby Activating Caspase-3-Mediated Bid Cleavage. Journal of Pharmacology and Experimental Therapeutics, 2010, 332, 316-325.	2.5	33
31	Three prime exonuclease I (TREX1) is Fos/AP-1 regulated by genotoxic stress and protects against ultraviolet light and benzo(a)pyrene-induced DNA damage. Nucleic Acids Research, 2010, 38, 6418-6432.	14.5	52
32	WRN protects against topo I but not topo II inhibitors by preventing DNA break formation. DNA Repair, 2008, 7, 1999-2009.	2.8	20
33	A role for UV-light-induced c-Fos: stimulation of nucleotide excision repair and protection against sustained JNK activation and apoptosis. Carcinogenesis, 2007, 28, 183-190.	2.8	47
34	c-Fos is required for excision repair of UV-light induced DNA lesions by triggering the re-synthesis of XPF. Nucleic Acids Research, 2006, 34, 6530-6539.	14.5	46
35	Fen1 is induced p53 dependently and involved in the recovery from UV-light-induced replication inhibition. Oncogene, 2005, 24, 8304-8313.	5.9	34
36	Molecular modes of action of cantharidin in tumor cells. Biochemical Pharmacology, 2005, 69, 811-818.	4.4	94

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37	Apaf-1 deficient mouse fibroblasts are resistant to MNNG and MMS-induced apoptotic death without attenuation of Bcl-2 decline. Toxicology and Applied Pharmacology, 2005, 207, 117-122.	2.8	7
38	Topotecan-Triggered Degradation of Topoisomerase I Is p53-Dependent and Impacts Cell Survival. Cancer Research, 2005, 65, 8920-8926.	0.9	44
39	Enhancement of cytotoxicity of artemisinins toward cancer cells by ferrous iron. Free Radical Biology and Medicine, 2004, 37, 998-1009.	2.9	233
40	Mechanisms of human DNA repair: an update. Toxicology, 2003, 193, 3-34.	4.2	486
41	APE/Ref-1 and the mammalian response to genotoxic stress. Toxicology, 2003, 193, 67-78.	4.2	82
42	Apoptosis Induced by (E)-5-(2-Bromovinyl)-2â€²-deoxyuridine in Varicella Zoster Virus Thymidine Kinase-Expressing Cells Is Driven by Activation of c-Jun/Activator Protein-1 and Fas Ligand/Caspase-8. Molecular Pharmacology, 2003, 63, 439-449.	2.3	15
43	Phosphorylation of mismatch repair proteins MSH2 and MSH6 affecting MutSalpha mismatch-binding activity. Nucleic Acids Research, 2002, 30, 1959-1966.	14.5	60
44	Comparative analysis of DNA breakage, chromosomal aberrations and apoptosis induced by the anti-herpes purine nucleoside analogues aciclovir, ganciclovir and penciclovir. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2002, 505, 1-11.	1.0	42
45	Ganciclovir-induced apoptosis in HSV-1 thymidine kinase expressing cells: critical role of DNA breaks, Bcl-2 decline and caspase-9 activation. Oncogene, 2002, 21, 2141-2153.	5.9	107
46	Hamster Bcl-2 Protein Is Cleaved in Vitro and in Cells by Caspase-9 and Caspase-3. Biochemical and Biophysical Research Communications, 2001, 281, 404-408.	2.1	14
47	BER, MGMT, and MMR in defense against alkylation-induced genotoxicity and apoptosis. Progress in Molecular Biology and Translational Science, 2001, 68, 41-54.	1.9	82
48	Comparison of the genotoxic and apoptosis-inducing properties of ganciclovir and penciclovir in Chinese hamster ovary cells transfected with the thymidine kinase gene of herpes simplex virus-1: Implications for gene therapeutic approaches. Cancer Gene Therapy, 2000, 7, 107-117.	4.6	53
49	Cloning and Functional Analysis of cDNA Encoding the Hamster Bcl-2 Protein. Biochemical and Biophysical Research Communications, 2000, 275, 899-903.	2.1	4
50	Expression of yeast but not human apurinic/apyrimidinic endonuclease renders Chinese hamster cells more resistant to DNA damaging agents. Mutation Research DNA Repair, 1997, 383, 155-165.	3.7	40
51	Effect of overexpression of E. coli 3-methyladenine-DNA glycosylase I (Tag) on survival and mutation induction in Salmonella typhimurium. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1996, 358, 81-87.	1.0	5