

Biljana Spremo-Potparevic

List of Publications by Year in descending order

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64
papers

864
citations

516561

16
h-index

526166

27
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68
all docs

68
docs citations

68
times ranked

1173
citing authors

#	ARTICLE	IF	CITATIONS
1	Olive Leaf Extract Attenuates Inflammatory Activation and DNA Damage in Human Arterial Endothelial Cells. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 56.	1.1	83
2	Review: Cell cycle aberrations and neurodegeneration. <i>Neuropathology and Applied Neurobiology</i> , 2010, 36, 157-163.	1.8	65
3	The hCOMET project: International database comparison of results with the comet assay in human biomonitoring. Baseline frequency of DNA damage and effect of main confounders. <i>Mutation Research - Reviews in Mutation Research</i> , 2021, 787, 108371.	2.4	45
4	Protective effect of dry olive leaf extract in adrenaline induced DNA damage evaluated using in vitro comet assay with human peripheral leukocytes. <i>Toxicology in Vitro</i> , 2014, 28, 451-456.	1.1	42
5	Premature centromere division of the X chromosome in neurons in Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2008, 106, 2218-2223.	2.1	40
6	DNA damage in circulating leukocytes measured with the comet assay may predict the risk of death. <i>Scientific Reports</i> , 2021, 11, 16793.	1.6	36
7	Cohesion and the aneuploid phenotype in Alzheimer's disease: A tale of genome instability. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 55, 365-374.	2.9	32
8	Analysis of premature centromere division (PCD) of the X chromosome in Alzheimer patients through the cell cycle. <i>Experimental Gerontology</i> , 2004, 39, 849-854.	1.2	31
9	Surface-modified TiO ₂ nanoparticles with ascorbic acid: Antioxidant properties and efficiency against DNA damage in vitro. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 155, 323-331.	2.5	30
10	Curcumin-loaded low-energy nanoemulsions as a prototype of multifunctional vehicles for different administration routes: Physicochemical and in vitro peculiarities important for dermal application. <i>International Journal of Pharmaceutics</i> , 2018, 550, 333-346.	2.6	30
11	Acute toxicity study in mice of orally administrated TiO ₂ nanoparticles functionalized with caffeic acid. <i>Food and Chemical Toxicology</i> , 2018, 115, 42-48.	1.8	28
12	Analysis of premature centromere division (PCD) of the chromosome 18 in peripheral blood lymphocytes in Alzheimer disease patients. <i>Mechanisms of Ageing and Development</i> , 2006, 127, 892-896.	2.2	25
13	The X Files: "The Mystery of X Chromosome Instability in Alzheimer's Disease". <i>Frontiers in Genetics</i> , 2019, 10, 1368.	1.1	25
14	The X-chromosome instability phenotype in Alzheimer's disease: A clinical sign of accelerating aging?. <i>Medical Hypotheses</i> , 2009, 73, 917-920.	0.8	24
15	DNA Damage in Alzheimer Disease Lymphocytes and Its Relation to Premature Centromere Division. <i>Neurodegenerative Diseases</i> , 2013, 12, 156-163.	0.8	19
16	Mislocalization of CDK11/PITSLRE, a regulator of the G2/M phase of the cell cycle, in Alzheimer disease. <i>Cellular and Molecular Biology Letters</i> , 2011, 16, 359-72.	2.7	17
17	Identification of p53 and Its Isoforms in Human Breast Carcinoma Cells. <i>Scientific World Journal</i> , The, 2014, 2014, 1-10.	0.8	17
18	Skewed X-Chromosome Inactivation in Women Affected by Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2014, 43, 1251-1259.	1.2	17

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19	Is the time dimension of the cell cycle re-entry in AD regulated by centromere cohesion dynamics?. <i>Bioscience Hypotheses</i> , 2008, 1, 156-161.	0.2	16
20	Premature Centromere Division of Metaphase Chromosomes in Peripheral Blood Lymphocytes of Alzheimer's Disease Patients: Relation to Gender and Age. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010, 65A, 1269-1274.	1.7	15
21	Treatment of Alzheimer's Disease: Classical Therapeutic Approach. <i>Current Pharmaceutical Analysis</i> , 2016, 12, 82-90.	0.3	14
22	Antigenotoxic Properties of <i>Agaricus blazei</i> against Hydrogen Peroxide in Human Peripheral Blood Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-9.	1.9	14
23	Antigenotoxic Effect of <i>Trametes</i> spp. Extracts against DNA Damage on Human Peripheral White Blood Cells. <i>Scientific World Journal</i> , 2015, 2015, 1-10.	0.8	13
24	Dry Olive Leaf Extract in Combination with Methotrexate Reduces Cell Damage in Early Rheumatoid Arthritis Patients-A Pilot Study. <i>Phytotherapy Research</i> , 2016, 30, 1615-1623.	2.8	13
25	Antigenotoxic and antioxidant potential of medicinal mushrooms (Immune Assist) against DNA damage induced by free radicals-an in vitro study. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 845, 403078.	0.9	13
26	Sister chromatid exchange and micronuclei in human peripheral blood lymphocytes treated with thyroxine in vitro. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2006, 604, 1-7.	0.9	12
27	Dry Olive Leaf Extract Counteracts L-Thyroxine-Induced Genotoxicity in Human Peripheral Blood Leukocytes <i>In Vitro</i> . <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-8.	1.9	11
28	CaNa2EDTA chelation attenuates cell damage in workers exposed to lead-a pilot study. <i>Chemico-Biological Interactions</i> , 2015, 242, 171-178.	1.7	11
29	Unexpected effect of dry olive leaf extract on the level of DNA damage in lymphocytes of lead intoxicated workers, before and after CaNa 2 EDTA chelation therapy. <i>Food and Chemical Toxicology</i> , 2017, 106, 616-623.	1.8	11
30	Evaluation of cytogenetic and DNA damage in human lymphocytes treated with adrenaline in vitro. <i>Toxicology in Vitro</i> , 2015, 29, 27-33.	1.1	9
31	Nitroso-Oxidative Stress, Acute Phase Response, and Cytogenetic Damage in Wistar Rats Treated with Adrenaline. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-11.	1.9	8
32	Antigenotoxic Effects of Biochaga and Dihydroquercetin (Taxifolin) on H ₂ O ₂ -Induced DNA Damage in Human Whole Blood Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-8.	1.9	8
33	DNA, protein and lipid oxidative damage in tissues of spontaneously hypertensive versus normotensive rats. <i>International Journal of Biochemistry and Cell Biology</i> , 2021, 141, 106088.	1.2	8
34	Chromosome instability in Alzheimer's disease. <i>Archives of Biological Sciences</i> , 2011, 63, 603-608.	0.2	8
35	Mutagenic activity of estradiol evaluated by an in vitro micronucleus assay. <i>Acta Biologica Hungarica</i> , 2005, 56, 403-406.	0.7	7
36	Dry olive leaf extract attenuates DNA damage induced by estradiol and diethylstilbestrol in human peripheral blood cells in vitro. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 845, 402993.	0.9	7

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37	Antioxidant, Antigenotoxic and Cytotoxic Activity of Essential Oils and Methanol Extracts of <i>Hyssopus officinalis</i> L. Subsp. <i>aristatus</i> (Godr.) Nyman (Lamiaceae). <i>Plants</i> , 2021, 10, 711.	1.6	7
38	Alterations of the X Chromosome in Lymphocytes of Alzheimer's Disease Patients. <i>Current Alzheimer Research</i> , 2015, 12, 990-996.	0.7	7
39	Mutant p53 protein expression and antioxidant status deficiency in breast cancer. <i>EXCLI Journal</i> , 2014, 13, 691-708.	0.5	7
40	Investigation of DNA damage in cells exposed to poly (lactic-co-glycolic acid) microspheres. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 284-291.	2.1	5
41	Evaluation of genotoxic and antigenotoxic properties of essential oils of <i>Seseli rigidum</i> Waldst. & Kit. (Apiaceae). <i>Archives of Biological Sciences</i> , 2016, 68, 135-144.	0.2	4
42	Assessment of adrenaline-induced DNA damage in whole blood cells with the comet assay. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2018, 69, 304-308.	0.4	4
43	Implications of oxidative stress in occupational exposure to lead on a cellular level. <i>Toxicological and Environmental Chemistry</i> , 2015, 97, 799-813.	0.6	3
44	Genoprotective Capacity of Alternatively Cultivated Lingzhi or Reishi Medicinal Mushroom, <i>Ganoderma lucidum</i> (Agaricomycetes), Basidiocarps. <i>International Journal of Medicinal Mushrooms</i> , 2016, 18, 1061-1069.	0.9	3
45	In vitro analysis of clastogenic effects of adrenaline on human lymphocytes. <i>Archives of Biological Sciences</i> , 2008, 60, 15-16.	0.2	3
46	Olive leaf, DNA damage and chelation therapy. , 2021, , 457-469.		2
47	Strawberry (<i>Fragaria ananassa</i> Duch.) Alba extract attenuates DNA damage in lymphocytes of patients with Alzheimer's disease. <i>Journal of Food Biochemistry</i> , 2021, 45, e13637.	1.2	2
48	Efficiency of the interfacial charge transfer complex between TiO ₂ nanoparticles and caffeic acid against DNA damage in vitro: A combinatorial analysis. <i>Journal of the Serbian Chemical Society</i> , 2019, 84, 539-553.	0.4	2
49	Alterations of acrocentric chromosomes in peripheral blood lymphocytes in patients with Alzheimer's disease. <i>Archives of Biological Sciences</i> , 2013, 65, 439-445.	0.2	2
50	Antifungal, Antioxidative, and Genoprotective Properties of Extracts from the Blushing Bracket Mushroom, <i>Daedaleopsis confragosa</i> (Agaricomycetes). <i>International Journal of Medicinal Mushrooms</i> , 2017, 19, 509-520.	0.9	2
51	Lack of clastogenic effects of L-thyroxine in whole-blood cultured human lymphocytes. <i>Genetics and Molecular Biology</i> , 2007, 30, 1144-1149.	0.6	1
52	Antioxidant enzymes expression in lymphocytes of patients undergoing carotid endarterectomy. <i>Medical Hypotheses</i> , 2020, 134, 109419.	0.8	1
53	The effect of paclitaxel alone and in combination with cycloheximide on the frequency of premature centromere division in vitro. <i>Archives of Biological Sciences</i> , 2010, 62, 63-74.	0.2	1
54	Cytogenetic alterations in rheumatoid arthritis patients treated with methotrexate and dry olive leaf extract. <i>Genetika</i> , 2020, 52, 67-80.	0.1	1

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55	Nepeta rtanjensis (Lamiaceae), a plant endemic to the Balkans: Phenolic composition, antioxidant activity, and in vitro antigenotoxic effects in triiodothyronine-induced DNA damage in human lymphocytes. Pakistan Journal of Pharmaceutical Sciences, 2017, 30, 625-634.	0.2	1
56	Evaluation of DNA Damage in the Lymphocytes of Young, Elderly and Alzheimer's Disease Patients Treated with 17-Estradiol in the Comet Assay. Journal of Medical Biochemistry, 2013, 32, 238-244.	0.7	0
57	P3-008: Alterations of the X chromosome in lymphocytes of Alzheimer disease patients. , 2015, 11, P622-P622.		0
58	Antigenotoxic properties of anthocyanin-enriched fraction of strawberry (cv. Romina) extract on DNA damage induced by H2O2 in human peripheral blood leukocytes. Arhiv Za Farmaciju, 2021, 71, 197-206.	0.2	0
59	Cytogenetic alterations in peripheral cells of Alzheimer's disease patients. Genetika, 2014, 46, 315-330.	0.1	0
60	Genotoxic potential of nonsteroidal hormones. Veterinarski Glasnik, 2015, 69, 245-258.	0.1	0
61	Evaluation of antigenotoxic potential of salvianolic acid B with hydrogen peroxide on human peripheral blood leukocytes in vitro. Medicinski Casopis, 2017, 51, 39-45.	0.1	0
62	Evaluation of antioxidant potential of Cordyceps sinensis in vitro. Medicinski Casopis, 2019, 53, 129-134.	0.1	0
63	Analysis of tiazofurin-induced DNA damage in human whole blood cells using an in vitro comet assay. Medicinski Casopis, 2020, 54, 91-95.	0.1	0
64	The role of the nitric oxide synthases in brain ischemia during carotid endarterectomy. , 2015, 49, 40-46.		0