

# Snezana D Markovic

## List of Publications by Year in descending order

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60  
papers

1,165  
citations

361413

20  
h-index

395702

33  
g-index

60  
all docs

60  
docs citations

60  
times ranked

1893  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Cadmium-induced lipid peroxidation and changes in antioxidant defense system in the rat testes: Protective role of coenzyme Q10 and Vitamin E. <i>Reproductive Toxicology</i> , 2010, 29, 191-197.  | 2.9 | 166       |
| 2  | Antioxidant, Antimicrobial and Antiproliferative Activities of Five Lichen Species. <i>International Journal of Molecular Sciences</i> , 2011, 12, 5428-5448.   | 4.1 | 143       |
| 3  | Teucrium Plant Species as Natural Sources of Novel Anticancer Compounds: Antiproliferative, Proapoptotic and Antioxidant Properties. <i>International Journal of Molecular Sciences</i> , 2011, 12, 4190-4205.  | 4.1 | 69        |
| 4  | Oxidative stress and changes in antioxidative defense system in erythrocytes of preeclampsia in women. <i>Reproductive Toxicology</i> , 2008, 25, 213-218.  | 2.9 | 52        |
| 5  | Antiproliferative and Proapoptotic Activities of Methanolic Extracts from <i>Ligustrum vulgare</i> L. as an Individual Treatment and in Combination with Palladium Complex. <i>International Journal of Molecular Sciences</i> , 2012, 13, 2521-2534. | 4.1 | 52        |
| 6  | Biological activities and chemical composition of <i>Salvia amplexicaulis</i> Lam. extracts. <i>Industrial Crops and Products</i> , 2017, 105, 1-9.   | 5.2 | 47        |
| 7  | Composition and biological effects of <i>Salvia ringens</i> (Lamiaceae) essential oil and extracts. <i>Industrial Crops and Products</i> , 2015, 76, 702-709.   | 5.2 | 36        |
| 8  | In Vitro Cytotoxic Activity of <i>Origanum vulgare</i> L. on HCT-116 and MDA-MB-231 Cell Lines. <i>Plants</i> , 2013, 2, 371-378.   | 3.5 | 35        |
| 9  | Electromagnetic field investigation on different cancer cell lines. <i>Cancer Cell International</i> , 2014, 14, .  | 4.1 | 35        |
| 10 | Chemical composition, cytotoxic and antioxidative activities of ethanolic extracts of propolis on HCT-116 cell line. <i>Journal of the Science of Food and Agriculture</i> , 2013, 93, 3001-3009.   | 3.5 | 32        |
| 11 | Cytotoxic, antimigratory, pro-and antioxidative activities of extracts from medicinal mushrooms on colon cancer cell lines. <i>Archives of Biological Sciences</i> , 2016, 68, 93-105.  | 0.5 | 30        |
| 12 | Chelate N,O-palladium( $\text{N,O}$ -palladium) complexes: synthesis, characterization and biological activity. <i>RSC Advances</i> , 2015, 5, 86274-86281.   | 3.6 | 29        |
| 13 | Proapoptotic and Antimigratory Effects of <i>Pseudoevernia furfuracea</i> and <i>Platismatia glauca</i> on Colon Cancer Cell Lines. <i>Food Technology and Biotechnology</i> , 2018, 56, 421-430.   | 2.1 | 29        |
| 14 | Biological Effects, Total Phenolic Content and Flavonoid Concentrations of Fragrant Yellow Onion ( <i>Allium flavum</i> L.). <i>Medicinal Chemistry</i> , 2012, 8, 46-51.   | 1.5 | 28        |
| 15 | Combined effects of coenzyme Q10 and Vitamin E in cadmium induced alterations of antioxidant defense system in the rat heart. <i>Environmental Toxicology and Pharmacology</i> , 2006, 22, 219-224.   | 4.0 | 26        |
| 16 | Vanillic Mannich bases: synthesis and screening of biological activity. Mechanistic insight into the reaction with 4-chloroaniline. <i>RSC Advances</i> , 2014, 4, 24635-24644.   | 3.6 | 24        |
| 17 | The Molecular Mechanisms of Apoptosis Induced by <i>Allium flavum</i> L. and Synergistic Effects with New-Synthesized Pd(II) Complex on Colon Cancer Cells. <i>Journal of Food Biochemistry</i> , 2015, 39, 238-250.                                  | 2.9 | 24        |
| 18 | Phytochemical analysis, antioxidant, antibacterial and cytotoxic activity of different plant organs of <i>Eryngium serbicum</i> L.. <i>Industrial Crops and Products</i> , 2018, 115, 88-97.  | 5.2 | 23        |

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|----|--|-----|-----------|
| 19 | Antioxidant and anticancer properties of leaves and seed cones from European yew ( <i>Taxus baccata</i> L.). <i>Archives of Biological Sciences</i> , 2015, 67, 525-534.   | 0.5 | 23        |
| 20 | Novel seleno-hydantoin palladium(II) complex – antimigratory, cytotoxic and prooxidative potential on human colon HCT-116 and breast MDA-MB-231 cancer cells. <i>General Physiology and Biophysics</i> , 2017, 36, 187-196.  | 0.9 | 21        |
| 21 | Naphthoquinone rich <i>Onosma visianii</i> Clem ( <i>Boraginaceae</i> ) root extracts induce apoptosis and cell cycle arrest in HCT-116 and MDA-MB-231 cancer cell lines. <i>Natural Product Research</i> , 2018, 32, 2712-2716.   | 1.8 | 20        |
| 22 | Synthesis, characterization, DFT study, DNA/BSA-binding affinity, and cytotoxicity of some dinuclear and trinuclear gold(III) complexes. <i>Journal of Biological Inorganic Chemistry</i> , 2019, 24, 1057-1076.   | 2.6 | 19        |
| 23 | Potential of <i>Teucrium chamaedrys</i> L. to modulate apoptosis and biotransformation in colorectal carcinoma cells. <i>Journal of Ethnopharmacology</i> , 2019, 240, 111951.   | 4.1 | 17        |
| 24 | The antioxidative effect of estradiol therapy on erythrocytes in women with preeclampsia. <i>Reproductive Toxicology</i> , 2010, 29, 231-236.  | 2.9 | 15        |
| 25 | Effects of Acute In vivo Cisplatin and Selenium Treatment on Hematological and Oxidative Stress Parameters in Red Blood Cells of Rats. <i>Biological Trace Element Research</i> , 2011, 142, 660-670.  | 3.5 | 15        |
| 26 | Stereospecific ligands and their complexes. Part XII. Synthesis, characterization and in vitro antiproliferative activity of platinum(IV) complexes with some O,O'-dialkyl esters of (S,S)-ethylenediamine-N,N'-di-2-propanoic acid against colon cancer (HCT-116) and breast cancer (MDA-MB-231) cell lines. <i>Journal of Molecular Structure</i> , 2014, 1062, 21-28. | 3.6 | 15        |
| 27 | Structure-activity relationships of 3-substituted-5,5-diphenylhydantoins as potential antiproliferative and antimicrobial agents. <i>Journal of the Serbian Chemical Society</i> , 2011, 76, 1597-1606.  | 0.8 | 14        |
| 28 | Augmented oxidative stress in infertile women with persistent chlamydial infection. <i>Reproductive Biology</i> , 2017, 17, 120-125.   | 1.9 | 14        |
| 29 | Interactions of zinc(II) complexes with 5'-GMP and their cytotoxic activity. <i>Journal of Coordination Chemistry</i> , 2019, 72, 690-706.   | 2.2 | 11        |
| 30 | Estradiol decreases blood pressure in association with redox regulation in preeclampsia. <i>Clinical and Experimental Hypertension</i> , 2018, 40, 281-286.  | 1.3 | 10        |
| 31 | Evaluation of antioxidative effects of twelve 3-substituted-5,5-diphenylhydantoins on human colon cancer cell line HCT-116. <i>Turkish Journal of Biology</i> , 2013, 37, 741-747.   | 0.8 | 9         |
| 32 | Pt(IV), Pd(II), and Rh(III) complexes induced oxidative stress and cytotoxicity in the HCT-116 colon cancer cell line. <i>Turkish Journal of Biology</i> , 2017, 41, 141-147.  | 0.8 | 9         |
| 33 | Alteration of oxidative stress parameters in red blood cells of rats after chronic in vivo treatment with cisplatin and selenium. <i>Archives of Biological Sciences</i> , 2011, 63, 991-999.  | 0.5 | 8         |
| 34 | Impact of bee venom and melittin on apoptosis and biotransformation in colorectal carcinoma cell lines. <i>Toxin Reviews</i> , 2021, 40, 1272-1279.  | 3.4 | 7         |
| 35 | The Beneficial Role of <i>Filipendula ulmaria</i> Extract in Prevention of Prodepressant Effect and Cognitive Impairment Induced by Nanoparticles of Calcium Phosphates in Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-12.  | 4.0 | 7         |
| 36 | In vitro chemoprotective and anticancer activities of propolis in human lymphocytes and breast cancer cells. <i>Archives of Biological Sciences</i> , 2015, 67, 571-581.   | 0.5 | 7         |

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|----|---|-----|-----------|
| 37 | Pseudevernia furfuracea inhibits migration and invasion of colorectal carcinoma cell lines. Journal of Ethnopharmacology, 2022, 284, 114758.  | 4.1 | 7         |
| 38 | Study of the structure, prooxidative, and cytotoxic activity of some chelate copper(II) complexes. Chemical Papers, 2017, 71, 2075-2083.  | 2.2 | 6         |
| 39 | A comparative study of the effects of molsidomine and 3-morpholinosydnonimine on the redox status of rat erythrocytes and reticulocytes. Cell Biochemistry and Function, 2007, 25, 251-258. | 2.9 | 5         |
| 40 | , edible mushroom, a promising natural bioactive agent. EXCLI Journal, 2020, 19, 442-457.   | 0.7 | 5         |
| 41 | Royal Jelly and Trans-10-Hydroxy-2-Decenoic Acid Inhibit Migration and Invasion of Colorectal Carcinoma Cells. Food Technology and Biotechnology, 2022, 60, 213-224.                        | 2.1 | 4         |
| 42 | The anti-invasive activity of Robinia pseudoacacia L. and Amorpha fruticosa L. on breast cancer MDA-MB-231 cell line. Biologia (Poland), 2019, 74, 915-928.                                 | 1.5 | 3         |
| 43 | Time course of hematological parameters in bleeding-induced anemia. Archives of Biological Sciences, 2009, 61, 165-170.   | 0.5 | 3         |
| 44 | The silk of Plodia interpunctella as a potential biomaterial and its cytotoxic effect on cancer cells. Animal Biotechnology, 2020, 31, 195-202.   | 1.5 | 2         |
| 45 | Mammaglobin expression in tissue as a predictor of breast carcinoma aggressiveness. Vojnosanitetski Pregled, 2021, 78, 160-170.   | 0.2 | 2         |
| 46 | Effects of cisplatin on lipid peroxidation and the glutathione redox status in the liver of male rats: The protective role of selenium. Archives of Biological Sciences, 2010, 62, 75-82.   | 0.5 | 2         |
| 47 | The impact of medicinal plant Ocimum minimum L. on fatty acid synthesis process in breast cancer cells. Biologia (Poland), 2022, 77, 489-501.   | 1.5 | 2         |
| 48 | Experimental and numerical investigation of electromagnetic field at different cancer cell lines. , 2013, , .   |     | 1         |
| 49 | The concentration of matrix metalloproteinase 9 in the tumor and peritumoral tissue as prognostic marker in breast cancer patients. Vojnosanitetski Pregled, 2019, 76, 476-484.             | 0.2 | 1         |
| 50 | Effects of Edible Mushrooms Phellinus linteus and Lentinus edodes Methanol Extracts on Colorectal Cancer Cell Lines. , 0, , .   |     | 1         |
| 51 | Energy production and redox status of rat red blood cells after reticulocytosis induced by various treatments. Acta Biologica Hungarica, 2011, 62, 122-132.                                 | 0.7 | 0         |
| 52 | Biotransformation and nitroglycerin-induced effects on antioxidative defense system in rat erythrocytes and reticulocytes. General Physiology and Biophysics, 2014, 33, 393-401.            | 0.9 | 0         |
| 53 | Phytochemical Evaluation, Antimicrobial and Anticancer Properties of New "Oligo Grapes" Supplement. Natural Product Communications, 2019, 14, 1934578X1986037.                              | 0.5 | 0         |
| 54 | DNA-based molecular identification of Urnula mediterranea (Ascomycota, Pezizales) collected in Central Serbia. Kragujevac Journal of Science, 2021, , 53-62.                                | 0.4 | 0         |

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|----|--|-----|-----------|
| 55 | Effect of cytokines on adhesion molecules expression in cell culture of blood vessel endothelium. Journal of Medical Biochemistry, 2002, 21, 39-40.  | 0.1 | 0         |
| 56 | Effects of cytokine mixtures on the expression of adhesion molecules in human umbilical vein endothelial cells in an in vitro model of inflammation. Journal of Medical Biochemistry, 2003, 22, 201-206. | 0.1 | 0         |
| 57 | Glutathione status in the blood of rats after reticulocytosis induced by phenylhydrazine and bleeding. Archives of Biological Sciences, 2010, 62, 589-594.   | 0.5 | 0         |
| 58 | Comparative analysis of human DNA extraction methods and mitochondrial DNA HV1 and HV2 haplogroup determination. Kragujevac Journal of Science, 2020, , 73-83.   | 0.4 | 0         |
| 59 | Bioinformatics online support for bioactive substances cytotoxicity testing and their statistical analysis. Kragujevac Journal of Science, 2020, , 55-72.  | 0.4 | 0         |
| 60 | Unsaturated Fatty Acid 10H2DA Content in Serbian Royal Jelly and Its Effects on Motility of Colorectal Carcinoma Cell Lines. , 2021, 8, .  |     | 0         |