

Ivanka Markovic

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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|-------------------|-------------------------|----------------|-----------------|
| 37 papers | 5,701 citations | 15 h-index | 39 g-index |
| 39 ext. papers | 6,498 ext. citations | 5.2 avg, IF | 4.16 L-index |

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 37 | In vitro models of insulin resistance: Mitochondrial coupling is differently affected in liver and muscle cells. <i>Mitochondrion</i> , 2021 , 61, 165-173 | 4.9 | 4 |
| 36 | Childhood maltreatment correlates with higher concentration of transforming growth factor beta (TGF- β) in adult patients with major depressive disorder. <i>Psychiatry Research</i> , 2021 , 301, 113987 | 9.9 | 1 |
| 35 | Current Development of Metal Complexes with Diamine Ligands as Potential Anticancer Agents. <i>Current Medicinal Chemistry</i> , 2020 , 27, 380-410 | 4.3 | 12 |
| 34 | Transcriptional block of AMPK-induced autophagy promotes glutamate excitotoxicity in nutrient-deprived SH-SY5Y neuroblastoma cells. <i>Cellular and Molecular Life Sciences</i> , 2020 , 77, 3383-3399 | 10.3 | 7 |
| 33 | AMP-activated protein kinase inhibits MPP ⁺ -induced oxidative stress and apoptotic death of SH-SY5Y cells through sequential stimulation of Akt and autophagy. <i>European Journal of Pharmacology</i> , 2019 , 863, 172677 | 5.3 | 11 |
| 32 | SAT0028 PERIPHERAL BLOOD REGULATORY T-LYMPHOCYTES OF PATIENTS WITH RHEUMATOID ARTHRITIS BEFORE AND AFTER ALFACALCIDOL THERAPY 2019 , | | 1 |
| 31 | Higher concentration of interleukin 6 - A possible link between major depressive disorder and childhood abuse. <i>Psychiatry Research</i> , 2018 , 264, 26-30 | 9.9 | 21 |
| 30 | SP580KLOTHO AND VEGF DID NOT PREDICT PRIMARY ARTERIOVENOUS FISTULA PATENCY BUT VENOUS DISTENSIBILITY. <i>Nephrology Dialysis Transplantation</i> , 2018 , 33, i543-i543 | 4.3 | |
| 29 | Antileukemic action of novel diamine Pt(II) halogenido complexes: Comparison of the representative novel Pt(II) with corresponding Pt(IV) complex. <i>Chemical Biology and Drug Design</i> , 2017 , 90, 262-271 | 2.9 | 9 |
| 28 | Autophagy suppression sensitizes glioma cells to IMP dehydrogenase inhibition-induced apoptotic death. <i>Experimental Cell Research</i> , 2017 , 350, 32-40 | 4.2 | 15 |
| 27 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222 | 10.2 | 3838 |
| 26 | Glucocerebrosidase and parkinsonism: lessons to learn. <i>Journal of Neurology</i> , 2016 , 263, 1033-1044 | 5.5 | 4 |
| 25 | Mitochondrial impairment, apoptosis and autophagy in a rat brain as immediate and long-term effects of perinatal phencyclidine treatment - influence of restraint stress. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016 , 66, 87-96 | 5.5 | 24 |
| 24 | Markers of inflammation and antioxidant enzyme activities in restenosis following percutaneous coronary intervention. <i>Journal of the Serbian Chemical Society</i> , 2015 , 80, 143-157 | 0.9 | |
| 23 | Statin-mediated inhibition of cholesterol synthesis induces cytoprotective autophagy in human leukemic cells. <i>European Journal of Pharmacology</i> , 2015 , 765, 415-28 | 5.3 | 36 |
| 22 | Structural, Magnetic, DFT, and Biological Studies of Mononuclear and Dinuclear CuII Complexes with Bidentate N-Heteroaromatic Schiff Base Ligands. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 3921-3931 | 2.3 | 8 |
| 21 | Men with lower HDL cholesterol levels have significant increment of soluble CD40 ligand and high-sensitivity CRP levels following the cessation of long-term clopidogrel therapy. <i>Journal of Atherosclerosis and Thrombosis</i> , 2015 , 22, 284-92 | 4 | 8 |

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| 20 | A comparative study of in vitro cytotoxic, antioxidant, and antimicrobial activity of Pt(II), Zn(II), Cu(II), and Co(III) complexes with N-heteroaromatic Schiff base (E)-2-[N(1-pyridin-2-yl-ethylidene)hydrazino]acetate. <i>Journal of Biochemical and Molecular Toxicology</i> , 2014 , 28, 99-110 | 3.4 | 9 |
| 19 | Palladium(II) complexes with N-heteroaromatic bidentate hydrazone ligands: the effect of the chelate ring size and lipophilicity on in vitro cytotoxic activity. <i>Chemical Biology and Drug Design</i> , 2014 , 84, 333-41 | 2.9 | 12 |
| 18 | The protective role of AMP-activated protein kinase in alpha-synuclein neurotoxicity in vitro. <i>Neurobiology of Disease</i> , 2014 , 63, 1-11 | 7.5 | 86 |
| 17 | Synthesis, characterization and ROS-mediated cytotoxic action of novel (S,S)-1,3-propanediamine-N,N-di-2-(3-cyclohexyl)propanoic acid and corresponding esters. <i>Bioorganic Chemistry</i> , 2014 , 54, 73-80 | 5.1 | 12 |
| 16 | Inhibition of mTOR-dependent autophagy sensitizes leukemic cells to cytarabine-induced apoptotic death. <i>PLoS ONE</i> , 2014 , 9, e94374 | 3.7 | 40 |
| 15 | High Risk First Degree Relatives of Type 1 Diabetics: An Association with Increases in CXCR3(+) T Memory Cells Reflecting an Enhanced Activity of Th1 Autoimmune Response. <i>International Journal of Endocrinology</i> , 2014 , 2014, 589360 | 2.7 | 1 |
| 14 | Jatrophone diterpenoids from the latex of <i>Euphorbia dendroides</i> and their anti-P-glycoprotein activity in human multi-drug resistant cancer cell lines. <i>Phytochemistry</i> , 2013 , 86, 208-17 | 4 | 30 |
| 13 | Synthesis, characterization, DFT calculations and biological activity of derivatives of 3-acetylpyridine and the zinc(II) complex with the condensation product of 3-acetylpyridine and semicarbazide. <i>Inorganica Chimica Acta</i> , 2013 , 404, 5-12 | 2.7 | 12 |
| 12 | The mechanisms of in vitro cytotoxicity of mountain tea, <i>Sideritis scardica</i> , against the C6 glioma cell line. <i>Planta Medica</i> , 2013 , 79, 1516-24 | 3.1 | 21 |
| 11 | Cyclohexyl analogues of ethylenediamine dipropanoic acid induce caspase-independent mitochondrial apoptosis in human leukemic cells. <i>Chemical Research in Toxicology</i> , 2012 , 25, 931-9 | 4 | 18 |
| 10 | Anti-inflammatory, gastroprotective, and cytotoxic effects of <i>Sideritis scardica</i> extracts. <i>Planta Medica</i> , 2012 , 78, 415-27 | 3.1 | 50 |
| 9 | The utility of human epididymal protein 4, cancer antigen 125, and risk for malignancy algorithm in ovarian cancer and endometriosis. <i>International Journal of Gynecological Cancer</i> , 2012 , 22, 238-44 | 3.5 | 38 |
| 8 | Synthesis, characterization and antitumor activity of polymeric copper(II) complexes with thiosemicarbazones of 3-methyl-5-oxo-1-phenyl-3-pyrazolin-4-carboxaldehyde and 5-oxo-3-phenyl-3-pyrazolin-4-carboxaldehyde. <i>Journal of Inorganic Biochemistry</i> , 2011 , 105, 1413-21 | 4.2 | 34 |
| 7 | Synthesis and in vitro anticancer activity of ruthenium-cymene complexes with cyclohexyl-functionalized ethylenediamine-N,N-di-2-(3-cyclohexyl)propanoate-type ligands. <i>ChemMedChem</i> , 2011 , 6, 1884-91 | 3.7 | 18 |
| 6 | Kinetics of nucleoside uptake by the basolateral side of the sheep choroid plexus epithelium perfused in situ. <i>Experimental Physiology</i> , 2008 , 93, 325-33 | 2.4 | 4 |
| 5 | Legal protection of victims of domestic violence in Republika Srpska. <i>Temida</i> , 2008 , 11, 5-24 | 0 | |
| 4 | Multiple mechanisms underlying the anticancer action of nanocrystalline fullerene. <i>European Journal of Pharmacology</i> , 2007 , 568, 89-98 | 5.3 | 76 |
| 3 | The combination of sulfinosine and 8-Cl-cAMP induces synergistic cell growth inhibition of the human neuroblastoma cell line in vitro. <i>Investigational New Drugs</i> , 2006 , 24, 15-25 | 4.3 | 6 |

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|---|---|------|------|
| 2 | Nanotubular highways for intercellular organelle transport. <i>Science</i> , 2004 , 303, 1007-10 | 33.3 | 1234 |
| 1 | Implementation of the Domestic Violence Law in the Republika Srpska. <i>Temida</i> , 2003 , 6, 53-60 | 0 | 1 |