

Ivanka Markovic

List of Publications by Year in descending order

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38
papers

7,044
citations

471371

17
h-index

377752

34
g-index

39
all docs

39
docs citations

39
times ranked

17175
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Nanotubular Highways for Intercellular Organelle Transport. <i>Science</i> , 2004, 303, 1007-1010.	6.0	1,549
3	The protective role of AMP-activated protein kinase in alpha-synuclein neurotoxicity in vitro. <i>Neurobiology of Disease</i> , 2014, 63, 1-11.	2.1	97
4	Multiple mechanisms underlying the anticancer action of nanocrystalline fullerene. <i>European Journal of Pharmacology</i> , 2007, 568, 89-98.	1.7	88
5	Anti-inflammatory, Gastroprotective, and Cytotoxic Effects of <i>Sideritis scardica</i> Extracts. <i>Planta Medica</i> , 2012, 78, 415-427.	0.7	73
6	Inhibition of mTOR-Dependent Autophagy Sensitizes Leukemic Cells to Cytarabine-Induced Apoptotic Death. <i>PLoS ONE</i> , 2014, 9, e94374.	1.1	58
7	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, 238-244.	1.2	48
8	Statin-mediated inhibition of cholesterol synthesis induces cytoprotective autophagy in human leukemic cells. <i>European Journal of Pharmacology</i> , 2015, 765, 415-428.	1.7	45
9	Jatrophane 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, 208-217.	1.4	37
10	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, 1413-1421.	1.5	35
11	Higher concentration of interleukin 6 - A possible link between major depressive disorder and childhood abuse. <i>Psychiatry Research</i> , 2018, 264, 26-30.	1.7	31
12	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.	2.5	26
13	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, 1516-1524.	0.7	25
14	Cyclohexyl Analogues of Ethylenediamine Dipropanoic Acid Induce Caspase-Independent Mitochondrial Apoptosis in Human Leukemic Cells. <i>Chemical Research in Toxicology</i> , 2012, 25, 931-939.	1.7	22
15	Synthesis and in vitro Anticancer Activity of Ruthenium(II)-Cymene Complexes with Cyclohexyl-Functionalized Ethylenediamine-Diacetate-Type Ligands. <i>ChemMedChem</i> , 2011, 6, 1884-1891.	2.0	20
16	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.	2.4	20
17	Autophagy suppression sensitizes glioma cells to IMP dehydrogenase inhibition-induced apoptotic death. <i>Experimental Cell Research</i> , 2017, 350, 32-40.	1.2	17
18	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.	1.7	16

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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, 333-341.	1.5	14
20	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.	2.0	14
21	Current Development of Metal Complexes with Diamine Ligands as Potential Anticancer Agents. <i>Current Medicinal Chemistry</i> , 2020, 27, 380-410.	1.2	14
22	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.	1.2	13
23	Structural, Magnetic, DFT, and Biological Studies of Mononuclear and Dinuclear Cu ^{II} Complexes with Bidentate N-Heteroaromatic Schiff Base Ligands. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 3921-3931.	1.0	12
24	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.	1.5	12
25	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)-N-(1-pyridin-2-yl-ethylidene)hydrazino]acetate. <i>Journal of Biochemical and Molecular Toxicology</i> , 2014, 28, 99-110.	1.4	10
26	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, 284-292.	0.9	10
27	In vitro models of insulin resistance: Mitochondrial coupling is differently affected in liver and muscle cells. <i>Mitochondrion</i> , 2021, 61, 165-173.	1.6	10
28	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.	1.2	6
29	Glucocerebrosidase and parkinsonism: lessons to learn. <i>Journal of Neurology</i> , 2016, 263, 1033-1044.	1.8	6
30	Kinetics of nucleoside uptake by the basolateral side of the sheep choroid plexus epithelium perfused in situ. <i>Experimental Physiology</i> , 2008, 93, 325-333.	0.9	5
31	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.	1.7	5
32	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, 1-9.	0.6	2
33	SAT0028...PERIPHERAL BLOOD REGULATORY T-LYMPHOCYTES OF PATIENTS WITH RHEUMATOID ARTHRITIS BEFORE AND AFTER ALFACALCIDOL THERAPY. , 2019, , ,		1
34	Implementation of the Domestic Violence Law in the Republika Srpska. <i>Temida</i> , 2003, 6, 53-60.	0.1	1
35	The role of adenosine monophosphate-activated protein kinase in neurodegeneration in Parkinson's disease. <i>Medicinski Podmladak</i> , 2019, 70, 13-20.	0.2	1
36	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.	0.4	0

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37	SP580KLOTHO AND VGEF DID NOT PREDICT PRIMARY ARTERIOVENOUS FISTULA PATENCY BUT VENOUS DISTENSIBILITY. Nephrology Dialysis Transplantation, 2018, 33, i543-i543.	0.4	0
38	Legal protection of victims of domestic violence in Republika Srpska. Temida, 2008, 11, 5-24.	0.1	0