

Ljubica M Vučković

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,363
citations

361413

20
h-index

526287

27
g-index

30
all docs

30
docs citations

30
times ranked

5038
citing authors

#	ARTICLE	IF	CITATIONS
1	Compound C induces protective autophagy in cancer cells through AMPK inhibition-independent blockade of Akt/mTOR pathway. <i>Autophagy</i> , 2011, 7, 40-50.	9.1	214
2	The mechanism of cell-damaging reactive oxygen generation by colloidal fullerenes. <i>Biomaterials</i> , 2007, 28, 5437-5448.	11.4	112
3	Metformin reduces cisplatin-mediated apoptotic death of cancer cells through AMPK-independent activation of Akt. <i>European Journal of Pharmacology</i> , 2011, 651, 41-50.	3.5	94
4	In vitro and in vivo anti-melanoma action of metformin. <i>European Journal of Pharmacology</i> , 2011, 668, 373-382.	3.5	91
5	Galectin-3 Plays an Important Pro-inflammatory Role in the Induction Phase of Acute Colitis by Promoting Activation of NLRP3 Inflammasome and Production of IL-1 β in Macrophages. <i>Journal of Crohn's and Colitis</i> , 2016, 10, 593-606.	1.3	87
6	Large Graphene Quantum Dots Alleviate Immune-Mediated Liver Damage. <i>ACS Nano</i> , 2014, 8, 12098-12109.	14.6	82
7	Autophagy inhibition uncovers the neurotoxic action of the antipsychotic drug olanzapine. <i>Autophagy</i> , 2014, 10, 2362-2378.	9.1	66
8	AMP-activated protein kinase-dependent and -independent mechanisms underlying in vitro antiglioma action of compound C. <i>Biochemical Pharmacology</i> , 2009, 77, 1684-1693.	4.4	57
9	Inhibition of AMPK-dependent autophagy enhances in vitro antiglioma effect of simvastatin. <i>Pharmacological Research</i> , 2012, 65, 111-119.	7.1	53
10	Mesenchymal stem cells protect from acute liver injury by attenuating hepatotoxicity of liver natural killer T cells in an inducible nitric oxide synthase and indoleamine 2,3-dioxygenase dependent manner. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e1173-e1185.	2.7	53
11	Synthesis and in vitro Anticancer Activity of Octahedral Platinum(IV) Complexes with Cyclohexyl Functionalized Ethylenediamine Diacetate Type Ligands. <i>ChemMedChem</i> , 3.2 2010, 5, 881-889.		48
12	Intracerebroventricular Administration of Metformin Inhibits Ghrelin-Induced Hypothalamic AMP-Kinase Signalling and Food Intake. <i>Neuroendocrinology</i> , 2012, 96, 24-31.	2.5	44
13	Opposite effects of nanocrystalline fullerene (C60) on tumour cell growth in vitro and in vivo and a possible role of immunosuppression in the cancer-promoting activity of C60. <i>Biomaterials</i> , 2009, 30, 6940-6946.	11.4	42
14	Mechanisms and therapeutic significance of autophagy modulation by antipsychotic drugs. <i>Cell Stress</i> , 2018, 2, 282-291.	3.2	38
15	The protection of cells from nitric oxide-mediated apoptotic death by mechanochemically synthesized fullerene (C60) nanoparticles. <i>Biomaterials</i> , 2009, 30, 2319-2328.	11.4	34
16	Metformin aggravates immune-mediated liver injury in mice. <i>Archives of Toxicology</i> , 2015, 89, 437-450.	4.2	34
17	Oxidative stress-mediated hemolytic activity of solvent exchange-prepared fullerene (C ₆₀) nanoparticles. <i>Nanotechnology</i> , 2010, 21, 375102.	2.6	31
18	Regulation of inducible nitric oxide synthase activity/expression in rat hearts from ghrelin-treated rats. <i>Journal of Physiology and Biochemistry</i> , 2011, 67, 195-204.	3.0	29

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19	Immunomodulatory actions of central ghrelin in diet-induced energy imbalance. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 150-158.	4.1	27
20	Newly Synthesized Heteronuclear Ruthenium(II)/Ferrocene Complexes Suppress the Growth of Mammary Carcinoma in 4T1-Treated BALB/c Mice by Promoting Activation of Antitumor Immunity. <i>Organometallics</i> , 2018, 37, 4250-4266.	2.3	24
21	Modulation of Tumor Necrosis Factor-mediated Cell Death by Fullerenes. <i>Pharmaceutical Research</i> , 2008, 25, 1365-1376.	3.5	20
22	Synergistic antiglioma action of hyperthermia and nitric oxide. <i>European Journal of Pharmacology</i> , 2008, 583, 1-10.	3.5	19
23	Arylpiperazine-mediated activation of Akt protects SH-SY5Y neuroblastoma cells from 6-hydroxydopamine-induced apoptotic and autophagic death. <i>Neuropharmacology</i> , 2013, 72, 224-235.	4.1	17
24	Coordinated activation of AMP-activated protein kinase, extracellular signal-regulated kinase, and autophagy regulates phorbol myristate acetate-induced differentiation of SH-SY5Y neuroblastoma cells. <i>Journal of Neurochemistry</i> , 2015, 133, 223-232.	3.9	16
25	Protective effect of autophagy in laser-induced glioma cell death in vitro. <i>Lasers in Surgery and Medicine</i> , 2010, 42, 338-347.	2.1	14
26	MAP kinase-dependent autophagy controls phorbol myristate acetate-induced macrophage differentiation of HL-60 leukemia cells. <i>Life Sciences</i> , 2022, 297, 120481.	4.3	10
27	Arylpiperazine Dopaminergic Ligands Protect Neuroblastoma Cells from Nitric Oxide (NO)-Induced Mitochondrial Damage and Apoptosis. <i>ChemMedChem</i> , 2012, 7, 495-508.	3.2	7
28	The Role of Autophagy in Immunity and Autoimmune Diseases / Uloga Autofagije U Imunskom Odgovoru I Autoimunskim Bolestima. <i>Serbian Journal of Experimental and Clinical Research</i> , 2014, 15, 223-229.	0.1	0
29	Dual anticancer role of metformin: an old drug regulating AMPK dependent/independent pathways in metabolic, oncogenic/tumorsuppressing and immunity context. <i>American Journal of Cancer Research</i> , 2021, 11, 5625-5643.	1.4	0