

# Vladimir S Trajkovic

## List of Publications by Citations

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153  
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13,179  
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40  
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154  
ext. papers

14,567  
ext. citations

6.3  
avg, IF

5.44  
L-index

#	Paper	IF	Citations
153	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
152	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 445-544	10.2	2783
151	In vitro comparison of the photothermal anticancer activity of graphene nanoparticles and carbon nanotubes. <i>Biomaterials</i> , <b>2011</b> , 32, 1121-9	15.6	451
150	Biomedical potential of the reactive oxygen species generation and quenching by fullerenes (C60). <i>Biomaterials</i> , <b>2008</b> , 29, 3561-73	15.6	338
149	Graphene quantum dots as autophagy-inducing photodynamic agents. <i>Biomaterials</i> , <b>2012</b> , 33, 7084-92	15.6	309
148	Photodynamic antibacterial effect of graphene quantum dots. <i>Biomaterials</i> , <b>2014</b> , 35, 4428-35	15.6	276
147	Distinct cytotoxic mechanisms of pristine versus hydroxylated fullerene. <i>Toxicological Sciences</i> , <b>2006</b> , 91, 173-83	4.4	239
146	A novel pathway regulating lipopolysaccharide-induced shock by ST2/T1 via inhibition of Toll-like receptor 4 expression. <i>Journal of Immunology</i> , <b>2001</b> , 166, 6633-9	5.3	220
145	Increased activity of interleukin-23/interleukin-17 proinflammatory axis in obese women. <i>International Journal of Obesity</i> , <b>2009</b> , 33, 151-6	5.5	186
144	Compound C induces protective autophagy in cancer cells through AMPK inhibition-independent blockade of Akt/mTOR pathway. <i>Autophagy</i> , <b>2011</b> , 7, 40-50	10.2	186
143	Coordinated time-dependent modulation of AMPK/Akt/mTOR signaling and autophagy controls osteogenic differentiation of human mesenchymal stem cells. <i>Bone</i> , <b>2013</b> , 52, 524-31	4.7	171
142	Dual antiglioma action of metformin: cell cycle arrest and mitochondria-dependent apoptosis. <i>Cellular and Molecular Life Sciences</i> , <b>2007</b> , 64, 1290-302	10.3	160
141	AMPK-mediated autophagy inhibits apoptosis in cisplatin-treated tumour cells. <i>Journal of Cellular and Molecular Medicine</i> , <b>2009</b> , 13, 3644-54	5.6	158
140	T1/ST2--an IL-1 receptor-like modulator of immune responses. <i>Cytokine and Growth Factor Reviews</i> , <b>2004</b> , 15, 87-95	17.9	135
139	IL-18 induces the differentiation of Th1 or Th2 cells depending upon cytokine milieu and genetic background. <i>European Journal of Immunology</i> , <b>2000</b> , 30, 3147-56	6.1	125
138	The mechanism of cell-damaging reactive oxygen generation by colloidal fullerenes. <i>Biomaterials</i> , <b>2007</b> , 28, 5437-48	15.6	105
137	Inducible nitric oxide synthase activation by interleukin-17. <i>Cytokine and Growth Factor Reviews</i> , <b>2004</b> , 15, 21-32	17.9	103

136	Novel platinum(IV) complexes induce rapid tumor cell death in vitro. <i>International Journal of Cancer</i> , <b>2005</b> , 116, 479-86	7.5	89
135	The protective role of AMP-activated protein kinase in alpha-synuclein neurotoxicity in vitro. <i>Neurobiology of Disease</i> , <b>2014</b> , 63, 1-11	7.5	86
134	Interleukin-17 stimulates inducible nitric oxide synthase activation in rodent astrocytes. <i>Journal of Neuroimmunology</i> , <b>2001</b> , 119, 183-91	3.5	84
133	Metformin reduces cisplatin-mediated apoptotic death of cancer cells through AMPK-independent activation of Akt. <i>European Journal of Pharmacology</i> , <b>2011</b> , 651, 41-50	5.3	82
132	Multiple mechanisms underlying the anticancer action of nanocrystalline fullerene. <i>European Journal of Pharmacology</i> , <b>2007</b> , 568, 89-98	5.3	76
131	Anti-glioma action of aloe emodin: the role of ERK inhibition. <i>Cellular and Molecular Life Sciences</i> , <b>2005</b> , 62, 589-98	10.3	76
130	In vitro and in vivo anti-melanoma action of metformin. <i>European Journal of Pharmacology</i> , <b>2011</b> , 668, 373-82	5.3	75
129	Toxicity of pristine versus functionalized fullerenes: mechanisms of cell damage and the role of oxidative stress. <i>Archives of Toxicology</i> , <b>2012</b> , 86, 1809-27	5.8	74
128	Astrocyte-induced regulatory T cells mitigate CNS autoimmunity. <i>Glia</i> , <b>2004</b> , 47, 168-79	9	70
127	Large graphene quantum dots alleviate immune-mediated liver damage. <i>ACS Nano</i> , <b>2014</b> , 8, 12098-109	16.7	61
126	Graphene quantum dots suppress proinflammatory T cell responses via autophagy-dependent induction of tolerogenic dendritic cells. <i>Biomaterials</i> , <b>2017</b> , 146, 13-28	15.6	61
125	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 $\beta$ in Macrophages. <i>Journal of Crohns and Colitis</i> , <b>2016</b> , 10, 593-606	1.5	60
124	Inactivation of nanocrystalline C60 cytotoxicity by gamma-irradiation. <i>Biomaterials</i> , <b>2006</b> , 27, 5049-58	15.6	58
123	AMP-activated protein kinase-dependent and -independent mechanisms underlying in vitro antiglioma action of compound C. <i>Biochemical Pharmacology</i> , <b>2009</b> , 77, 1684-93	6	56
122	Chloroquine-mediated lysosomal dysfunction enhances the anticancer effect of nutrient deprivation. <i>Pharmaceutical Research</i> , <b>2012</b> , 29, 2249-63	4.5	54
121	Interleukin-17 stimulates inducible nitric oxide synthase-dependent toxicity in mouse beta cells. <i>Cellular and Molecular Life Sciences</i> , <b>2005</b> , 62, 2658-68	10.3	54
120	Autophagy inhibition uncovers the neurotoxic action of the antipsychotic drug olanzapine. <i>Autophagy</i> , <b>2014</b> , 10, 2362-78	10.2	51
119	Anti-inflammatory, gastroprotective, and cytotoxic effects of <i>Sideritis scardica</i> extracts. <i>Planta Medica</i> , <b>2012</b> , 78, 415-27	3.1	50

118	Betaine modulates oxidative stress, inflammation, apoptosis, autophagy, and Akt/mTOR signaling in methionine-choline deficiency-induced fatty liver disease. <i>European Journal of Pharmacology</i> , <b>2019</b> , 848, 39-48	5.3	46
117	Inhibition of AMPK-dependent autophagy enhances in vitro antiglioma effect of simvastatin. <i>Pharmacological Research</i> , <b>2012</b> , 65, 111-9	10.2	46
116	Autophagy-dependent and -independent involvement of AMP-activated protein kinase in 6-hydroxydopamine toxicity to SH-SY5Y neuroblastoma cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2012</b> , 1822, 1826-36	6.9	45
115	Synthesis and in vitro anticancer activity of octahedral platinum(IV) complexes with cyclohexyl-functionalized ethylenediamine-N,NSDiacetate-type ligands. <i>ChemMedChem</i> , <b>2010</b> , 5, 881-9	3.7	43
114	Ghrelin-induced food intake and adiposity depend on central mTORC1/S6K1 signaling. <i>Molecular and Cellular Endocrinology</i> , <b>2013</b> , 381, 280-90	4.4	40
113	Inhibition of mTOR-dependent autophagy sensitizes leukemic cells to cytarabine-induced apoptotic death. <i>PLoS ONE</i> , <b>2014</b> , 9, e94374	3.7	40
112	Effect of Mycobacterium tuberculosis-specific 10-kilodalton antigen on macrophage release of tumor necrosis factor alpha and nitric oxide. <i>Infection and Immunity</i> , <b>2002</b> , 70, 6558-66	3.7	40
111	Opposite effects of nanocrystalline fullerene (C(60)) on tumour cell growth in vitro and in vivo and a possible role of immunosuppression in the cancer-promoting activity of C(60). <i>Biomaterials</i> , <b>2009</b> , 30, 6940-6	15.6	37
110	Antidiabetogenic effect of pentoxifylline is associated with systemic and target tissue modulation of cytokines and nitric oxide production. <i>Journal of Autoimmunity</i> , <b>2001</b> , 16, 47-58	15.5	37
109	Statin-mediated inhibition of cholesterol synthesis induces cytoprotective autophagy in human leukemic cells. <i>European Journal of Pharmacology</i> , <b>2015</b> , 765, 415-28	5.3	36
108	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> , <b>2018</b> , 12, e11173-e11185	4.4	35
107	STAT1 is required for iNOS activation, but not IL-6 production in murine fibroblasts. <i>Cytokine</i> , <b>2001</b> , 13, 179-82	4	35
106	Changes in fractal dimension and lacunarity as early markers of UV-induced apoptosis. <i>Journal of Theoretical Biology</i> , <b>2012</b> , 303, 87-92	2.3	34
105	Gal-3 regulates the capacity of dendritic cells to promote NKT-cell-induced liver injury. <i>European Journal of Immunology</i> , <b>2015</b> , 45, 531-43	6.1	34
104	Metformin: its emerging role in oncology. <i>Hormones</i> , <b>2011</b> , 10, 5-15	3.1	34
103	The protection of cells from nitric oxide-mediated apoptotic death by mechanochemically synthesized fullerene (C(60)) nanoparticles. <i>Biomaterials</i> , <b>2009</b> , 30, 2319-28	15.6	34
102	Cell-specific effects of pentoxifylline on nitric oxide production and inducible nitric oxide synthase mRNA expression. <i>Immunology</i> , <b>1997</b> , 92, 402-6	7.8	34
101	Therapeutic improvement of glucoregulation in newly diagnosed type 2 diabetes patients is associated with a reduction of IL-17 levels. <i>Immunobiology</i> , <b>2013</b> , 218, 1113-8	3.4	33

100	Intracerebroventricular administration of metformin inhibits ghrelin-induced Hypothalamic AMP-kinase signalling and food intake. <i>Neuroendocrinology</i> , <b>2012</b> , 96, 24-31	5.6	33
99	Preparation and biodistribution of radiolabeled fullerene C60 nanocrystals. <i>Nanotechnology</i> , <b>2009</b> , 20, 385102	3.4	32
98	Aloe emodin inhibits the cytotoxic action of tumor necrosis factor. <i>European Journal of Pharmacology</i> , <b>2007</b> , 568, 248-59	5.3	32
97	Leflunomide inhibits activation of inducible nitric oxide synthase in rat astrocytes. <i>Brain Research</i> , <b>2001</b> , 889, 331-8	3.7	32
96	Cell-specific inhibition of inducible nitric oxide synthase activation by leflunomide. <i>Cellular Immunology</i> , <b>2000</b> , 199, 73-80	4.4	31
95	Idarubicin induces mTOR-dependent cytotoxic autophagy in leukemic cells. <i>Experimental Cell Research</i> , <b>2014</b> , 326, 90-102	4.2	29
94	Comparative study on modification of single wall carbon nanotubes by sodium dodecylbenzene sulfonate and melamine sulfonate superplasticiser. <i>Applied Surface Science</i> , <b>2009</b> , 255, 6359-6366	6.7	29
93	Oxidative stress-mediated hemolytic activity of solvent exchange-prepared fullerene (C60) nanoparticles. <i>Nanotechnology</i> , <b>2010</b> , 21, 375102	3.4	28
92	A novel method for the functionalization of gamma-irradiated single wall carbon nanotubes with DNA. <i>Nanotechnology</i> , <b>2009</b> , 20, 445602	3.4	28
91	Antiglioma action of xanthenes from <i>Gentiana kochiana</i> : Mechanistic and structure-activity requirements. <i>Bioorganic and Medicinal Chemistry</i> , <b>2008</b> , 16, 5683-94	3.4	28
90	Immunomodulatory action of mycobacterial secretory proteins. <i>Microbes and Infection</i> , <b>2004</b> , 6, 513-9	9.3	28
89	The complement system drives local inflammatory tissue priming by metabolic reprogramming of synovial fibroblasts. <i>Immunity</i> , <b>2021</b> , 54, 1002-1021.e10	32.3	28
88	Possible virulence factors of <i>Staphylococcus sciuri</i> . <i>FEMS Microbiology Letters</i> , <b>2001</b> , 199, 47-53	2.9	27
87	Biomedical Potential of mTOR Modulation by Nanoparticles. <i>Trends in Biotechnology</i> , <b>2016</b> , 34, 349-353	15.1	26
86	mTOR-independent autophagy counteracts apoptosis in herpes simplex virus type 1-infected U251 glioma cells. <i>Microbes and Infection</i> , <b>2013</b> , 15, 615-24	9.3	26
85	Synthesis, characterization and cytotoxicity of a new palladium(II) complex with a coumarine-derived ligand. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 74, 502-8	6.8	25
84	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> , <b>2016</b> , 66, 87-96	5.5	24
83	Unacylated ghrelin suppresses ghrelin-induced neuronal activity in the hypothalamus and brainstem of male rats [corrected]. <i>PLoS ONE</i> , <b>2014</b> , 9, e98180	3.7	24

82	Iron protects astrocytes from 6-hydroxydopamine toxicity. <i>Neuropharmacology</i> , <b>2005</b> , 48, 720-31	5.5	24
81	Graphene quantum dots inhibit T cell-mediated neuroinflammation in rats. <i>Neuropharmacology</i> , <b>2019</b> , 146, 95-108	5.5	24
80	Cell-type dependent response of melanoma cells to aloe emodin. <i>Food and Chemical Toxicology</i> , <b>2012</b> , 50, 3181-9	4.7	23
79	Novel ruthenium complex K <sub>2</sub> [Ru(dmgly)Cl <sub>4</sub> ].2H <sub>2</sub> O is toxic to C6 astrocytoma cell line, but not to primary rat astrocytes. <i>Journal of Inorganic Biochemistry</i> , <b>2004</b> , 98, 2168-73	4.2	23
78	Antibodies against myelin oligodendrocyte glycoprotein in the cerebrospinal fluid of multiple sclerosis patients. <i>Journal of the Neurological Sciences</i> , <b>2003</b> , 211, 67-73	3.2	23
77	Downregulation of autophagy gene expression in endometria from women with polycystic ovary syndrome. <i>Molecular and Cellular Endocrinology</i> , <b>2017</b> , 440, 116-124	4.4	22
76	Immunomodulatory actions of central ghrelin in diet-induced energy imbalance. <i>Brain, Behavior, and Immunity</i> , <b>2012</b> , 26, 150-8	16.6	22
75	Regulation of inducible nitric oxide synthase activity/expression in rat hearts from ghrelin-treated rats. <i>Journal of Physiology and Biochemistry</i> , <b>2011</b> , 67, 195-204	5	22
74	Antiproliferative effect of vitamin A and D analogues on adult human keratinocytes in vitro. <i>Skin Pharmacology and Physiology</i> , <b>2008</b> , 21, 227-34	3	22
73	Nitric oxide metabolites and interleukin-6 in cerebrospinal fluid from multiple sclerosis patients. <i>European Journal of Neurology</i> , <b>2002</b> , 9, 413-8	6	22
72	Mycophenolic acid inhibits activation of inducible nitric oxide synthase in rodent fibroblasts. <i>Clinical and Experimental Immunology</i> , <b>2003</b> , 132, 239-46	6.2	22
71	Metformin aggravates immune-mediated liver injury in mice. <i>Archives of Toxicology</i> , <b>2015</b> , 89, 437-50	5.8	21
70	The mechanisms of in vitro cytotoxicity of mountain tea, <i>Sideritis scardica</i> , against the C6 glioma cell line. <i>Planta Medica</i> , <b>2013</b> , 79, 1516-24	3.1	21
69	Down-regulation of multiple low dose streptozotocin-induced diabetes by mycophenolate mofetil. <i>Clinical and Experimental Immunology</i> , <b>2002</b> , 129, 214-23	6.2	21
68	Immunosuppressive and anti-inflammatory action of antioxidants in rat autoimmune diabetes. <i>Journal of Autoimmunity</i> , <b>2004</b> , 22, 267-76	15.5	20
67	Iron down-regulates macrophage anti-tumour activity by blocking nitric oxide production. <i>Clinical and Experimental Immunology</i> , <b>2004</b> , 137, 109-16	6.2	19
66	Cyclohexyl analogues of ethylenediamine dipropanoic acid induce caspase-independent mitochondrial apoptosis in human leukemic cells. <i>Chemical Research in Toxicology</i> , <b>2012</b> , 25, 931-9	4	18
65	Synthesis and in vitro anticancer activity of ruthenium-cymene complexes with cyclohexyl-functionalized ethylenediamine-N,N'-diacetate-type ligands. <i>ChemMedChem</i> , <b>2011</b> , 6, 1884-91	3.7	18

64	Synergistic antiglioma action of hyperthermia and nitric oxide. <i>European Journal of Pharmacology</i> , <b>2008</b> , 583, 1-10	5.3	18
63	Intracellular expression of Mycobacterium tuberculosis-specific 10-kDa antigen down-regulates macrophage B7.1 expression and nitric oxide release. <i>Clinical and Experimental Immunology</i> , <b>2003</b> , 134, 70-7	6.2	18
62	Amphotericin B potentiates the activation of inducible nitric oxide synthase and causes nitric oxide-dependent mitochondrial dysfunction in cytokine-treated rodent astrocytes. <i>Glia</i> , <b>2001</b> , 35, 180-8 <sup>9</sup>		18
61	Arylpiperazine-mediated activation of Akt protects SH-SY5Y neuroblastoma cells from 6-hydroxydopamine-induced apoptotic and autophagic death. <i>Neuropharmacology</i> , <b>2013</b> , 72, 224-35	5.5	17
60	Modulation of tumor necrosis factor-mediated cell death by fullerenes. <i>Pharmaceutical Research</i> , <b>2008</b> , 25, 1365-76	4.5	17
59	Mechanisms and therapeutic significance of autophagy modulation by antipsychotic drugs. <i>Cell Stress</i> , <b>2018</b> , 2, 282-291	5.5	17
58	Increased activity of interleukin-23/interleukin-17 cytokine axis in primary antiphospholipid syndrome. <i>Immunobiology</i> , <b>2013</b> , 218, 186-91	3.4	16
57	A novel cytotoxic lignan from <i>Seseli annuum</i> L. <i>Phytotherapy Research</i> , <b>2007</b> , 21, 790-2	6.7	16
56	Modulation of inducible nitric oxide synthase activation by immunosuppressive drugs. <i>Current Drug Metabolism</i> , <b>2001</b> , 2, 315-29	3.5	16
55	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> , <b>2015</b> , 133, 223-32	6	15
54	Autophagy suppression sensitizes glioma cells to IMP dehydrogenase inhibition-induced apoptotic death. <i>Experimental Cell Research</i> , <b>2017</b> , 350, 32-40	4.2	15
53	Cyclosporin A inhibits activation of inducible nitric oxide synthase in C6 glioma cell line. <i>Brain Research</i> , <b>1999</b> , 816, 92-8	3.7	15
52	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> , <b>2018</b> , 37, 4250-4266	3.8	15
51	Autophagy-independent increase of ATG5 expression in T cells of multiple sclerosis patients. <i>Journal of Neuroimmunology</i> , <b>2018</b> , 319, 100-105	3.5	14
50	Melanoma tumor inhibition by tetrachlorido(O,OSdibutyl-ethylenediamine-N,NSdi-3-propionate)platinum(IV) complex: in vitro and in vivo investigations. <i>Metallomics</i> , <b>2012</b> , 4, 1155-9	4.5	14
49	Comparative analysis of cell death mechanisms induced by lysosomal autophagy inhibitors. <i>European Journal of Pharmacology</i> , <b>2019</b> , 859, 172540	5.3	13
48	Protective effect of autophagy in laser-induced glioma cell death in vitro. <i>Lasers in Surgery and Medicine</i> , <b>2010</b> , 42, 338-47	3.6	13
47	Acidosis affects tumor cell survival through modulation of nitric oxide release. <i>Free Radical Biology and Medicine</i> , <b>2006</b> , 40, 226-35	7.8	13

46	Xanthone-rich extract from <i>Gentiana dinarica</i> transformed roots and its active component norswertianin induce autophagy and ROS-dependent differentiation of human glioblastoma cell line. <i>Phytomedicine</i> , <b>2018</b> , 47, 151-160	6.5	12
45	Neuroprotective arylpiperazine dopaminergic/serotonergic ligands suppress experimental autoimmune encephalomyelitis in rats. <i>Journal of Neurochemistry</i> , <b>2015</b> , 135, 125-38	6	12
44	Synthesis, biology, and modeling of a C-4 carbonyl C,D-seco-taxoid. <i>Tetrahedron</i> , <b>2006</b> , 62, 8503-8514	2.4	12
43	Mycophenolic acid downregulates inducible nitric oxide synthase induction in astrocytes. <i>Glia</i> , <b>2002</b> , 39, 247-55	9	12
42	Mycobacterium tuberculosis 6 kDa early secreted antigenic target stimulates activation of J774 macrophages. <i>Immunology Letters</i> , <b>2005</b> , 98, 180-8	4.1	12
41	Pentoxifylline inhibits the synthesis and IFN-gamma-inducing activity of IL-18. <i>Clinical and Experimental Immunology</i> , <b>2001</b> , 124, 274-81	6.2	12
40	Current Development of Metal Complexes with Diamine Ligands as Potential Anticancer Agents. <i>Current Medicinal Chemistry</i> , <b>2020</b> , 27, 380-410	4.3	12
39	Synergistic Anticancer Action of Lysosomal Membrane Permeabilization and Glycolysis Inhibition. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 22936-22948	5.4	12
38	In vitro antiglioma action of indomethacin is mediated via AMP-activated protein kinase/mTOR complex 1 signalling pathway. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2017</b> , 83, 84-96	5.6	11
37	AMP-activated protein kinase inhibits MPP <sup>+</sup> -induced oxidative stress and apoptotic death of SH-SY5Y cells through sequential stimulation of Akt and autophagy. <i>European Journal of Pharmacology</i> , <b>2019</b> , 863, 172677	5.3	11
36	Age-dependent modulation of central ghrelin effects on food intake and lipid metabolism in rats. <i>European Journal of Pharmacology</i> , <b>2013</b> , 710, 85-91	5.3	11
35	TNF, IL12B, and IFNG Gene Polymorphisms in Serbian Patients with Psoriasis. <i>Annals of Dermatology</i> , <b>2015</b> , 27, 128-32	0.4	11
34	The role and therapeutic potential of autophagy modulation in controlling virus-induced cell death. <i>Medicinal Research Reviews</i> , <b>2014</b> , 34, 744-67	14.4	11
33	Stereospecific ligands and their complexes. IV: Synthesis, characterization and cytotoxicity of novel platinum(IV) complexes with ethylenediamine-N,N'-di-S,S-2-propanoate and halogenido ligands: Crystal structure of s-cis-[Pt(S,S-eddp)Cl <sub>2</sub> ](4H <sub>2</sub> O) and uns-cis-[Pt(S,S-eddp)Br <sub>2</sub> ]. <i>Polyhedron</i> , <b>2010</b> , 29, 1933-1938	2.7	11
32	Pentoxifylline potentiates nitric oxide production and growth suppression in interferon-gamma-treated L929 fibroblasts. <i>Cellular Immunology</i> , <b>1998</b> , 184, 105-11	4.4	11
31	Necrotic tumor cells oppositely affect nitric oxide production in tumor cell lines and macrophages. <i>Cellular Immunology</i> , <b>2002</b> , 215, 72-7	4.4	11
30	Effects of IL-33/ST2 pathway in acute inflammation on tissue damage, antioxidative parameters, magnesium concentration and cytokines profile. <i>Experimental and Molecular Pathology</i> , <b>2016</b> , 101, 31-7	4.4	10
29	Effects of ghrelin on the structural complexity of exocrine pancreas tissue architecture. <i>Microscopy and Microanalysis</i> , <b>2013</b> , 19, 553-8	0.5	10



28	A novel C,D-spirolactone analogue of paclitaxel: autophagy instead of apoptosis as a previously unknown mechanism of cytotoxic action for taxoids. <i>Organic and Biomolecular Chemistry</i> , <b>2012</b> , 10, 4933-42	3.9	10
27	c-Jun N-terminal kinase-dependent apoptotic photocytotoxicity of solvent exchange-prepared curcumin nanoparticles. <i>Biomedical Microdevices</i> , <b>2016</b> , 18, 37	3.7	9
26	Isolation, characterization, and in vitro cytotoxicity of new sesquiterpenoids from <i>Achillea clavennae</i> . <i>Planta Medica</i> , <b>2014</b> , 80, 297-305	3.1	8
25	Arylpiperazine dopaminergic ligands protect neuroblastoma cells from nitric oxide (NO)-induced mitochondrial damage and apoptosis. <i>ChemMedChem</i> , <b>2012</b> , 7, 495-508	3.7	7
24	The mechanisms of 6-hydroxydopamine-induced astrocyte death. <i>Annals of the New York Academy of Sciences</i> , <b>2005</b> , 1048, 400-5	6.5	7
23	Transcriptional block of AMPK-induced autophagy promotes glutamate excitotoxicity in nutrient-deprived SH-SY5Y neuroblastoma cells. <i>Cellular and Molecular Life Sciences</i> , <b>2020</b> , 77, 3383-3399	10.3	7
22	Low-dimensional compounds containing bioactive ligands. Part XI: Synthesis, structures, spectra, in vitro anti-tumor and antimicrobial activities of 3d metal complexes with 8-hydroxyquinoline-5-sulfonic acid. <i>Inorganica Chimica Acta</i> , <b>2019</b> , 497, 119062	2.7	6
21	Metformin exacerbates and simvastatin attenuates myelin damage in high fat diet-fed C57BL/6 J mice. <i>Neuropathology</i> , <b>2018</b> , 38, 468-474	2	6
20	[Pt(HPxSC)Cl(3)], a novel platinum(IV) compound with anticancer properties. <i>European Journal of Pharmacology</i> , <b>2005</b> , 517, 28-34	5.3	6
19	Singlet oxygen generation by higher fullerene-based colloids. <i>Journal of the Serbian Chemical Society</i> , <b>2010</b> , 75, 965-973	0.9	6
18	Adenosine rescues glioma cells from cytokine-induced death by interfering with the signaling network involved in nitric oxide production. <i>European Journal of Pharmacology</i> , <b>2008</b> , 591, 106-113	5.3	5
17	5-Aza-2-Deoxycytidine and paclitaxel inhibit inducible nitric oxide synthase activation in fibrosarcoma cells. <i>European Journal of Pharmacology</i> , <b>2004</b> , 485, 81-8	5.3	5
16	Muramyl dipeptide potentiates cytokine-induced activation of inducible nitric oxide synthase in rat astrocytes. <i>Brain Research</i> , <b>2000</b> , 883, 157-63	3.7	5
15	Role of AMPK/mTOR-independent autophagy in clear cell renal cell carcinoma. <i>Journal of Investigative Medicine</i> , <b>2020</b> , 68, 1386-1393	2.9	5
14	Dual targeting of tumor cell energy metabolism and lysosomes as an anticancer strategy. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2021</b> , 1868, 118944	4.9	4
13	Nuvion. Protein Design Labs. <i>Current Opinion in Investigational Drugs</i> , <b>2002</b> , 3, 411-4		4
12	Effects of <i>Sideritis scardica</i> Extract on Glucose Tolerance, Triglyceride Levels and Markers of Oxidative Stress in Ovariectomized Rats. <i>Planta Medica</i> , <b>2019</b> , 85, 465-472	3.1	3
11	The preoperative activity of Th1 and Th17 cytokine axes in prediction of sepsis after radical cystectomy. <i>European Cytokine Network</i> , <b>2011</b> , 22, 169-74	3.3	3

10	In vitro and in vivo antimelanoma effect of ethyl ester cyclohexyl analog of ethylenediamine dipropanoic acid. <i>Melanoma Research</i> , <b>2018</b> , 28, 8-20	3.3	3
9	Modulation of Cancer Cell Autophagic Responses by Graphene-Based Nanomaterials: Molecular Mechanisms and Therapeutic Implications. <i>Cancers</i> , <b>2021</b> , 13,	6.6	2
8	3-Methyladenine prevents energy stress-induced necrotic death of melanoma cells through autophagy-independent mechanisms. <i>Journal of Pharmacological Sciences</i> , <b>2021</b> , 147, 156-167	3.7	2
7	Graphene quantum dot antioxidant and proautophagic actions protect SH-SY5Y neuroblastoma cells from oxidative stress-mediated apoptotic death. <i>Free Radical Biology and Medicine</i> , <b>2021</b> , 177, 167-180	7.8	1
6	MAP kinase-dependent autophagy controls phorbol myristate acetate-induced macrophage differentiation of HL-60 leukemia cells.. <i>Life Sciences</i> , <b>2022</b> , 297, 120481	6.8	1
5	Periapical lesions in two inbred strains of rats differing in immunological reactivity. <i>International Endodontic Journal</i> , <b>2022</b> , 55, 64-78	5.4	0
4	Combination of Ascorbic Acid and Menadione Induces Cytotoxic Autophagy in Human Glioblastoma Cells.. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2022</b> , 2022, 2998132	6.7	0
3	Data supporting the inability of indomethacin to induce autophagy in U251 glioma cells. <i>Data in Brief</i> , <b>2017</b> , 11, 225-230	1.2	
2	Tumor cell-specific inhibition of inducible nitric oxide synthase activation by tiazofurin. <i>International Immunopharmacology</i> , <b>2001</b> , 1, 795-802	5.8	
1	Response to: Correspondence on Role of AMPK/mTOR-independent autophagy in clear cell renal cell carcinoma Sby Lorzadeh. <i>Journal of Investigative Medicine</i> , <b>2021</b> , 69, 1485	2.9	