

Vladimir S TrajkoviÄ

List of Publications by Year in descending order

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154
papers

15,733
citations

61984

43
h-index

17105

122
g-index

155
all docs

155
docs citations

155
times ranked

31386
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.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
3	In vitro comparison of the photothermal anticancer activity of graphene nanoparticles and carbon nanotubes. <i>Biomaterials</i> , 2011, 32, 1121-1129.	11.4	510
4	Biomedical potential of the reactive oxygen species generation and quenching by fullerenes (C60). <i>Biomaterials</i> , 2008, 29, 3561-3573.	11.4	400
5	Graphene quantum dots as autophagy-inducing photodynamic agents. <i>Biomaterials</i> , 2012, 33, 7084-7092.	11.4	372
6	Photodynamic antibacterial effect of graphene quantum dots. <i>Biomaterials</i> , 2014, 35, 4428-4435.	11.4	341
7	Distinct Cytotoxic Mechanisms of Pristine versus Hydroxylated Fullerene. <i>Toxicological Sciences</i> , 2006, 91, 173-183.	3.1	264
8	A Novel Pathway Regulating Lipopolysaccharide-Induced Shock by ST2/T1 Via Inhibition of Toll-Like Receptor 4 Expression. <i>Journal of Immunology</i> , 2001, 166, 6633-6639.	0.8	244
9	Increased activity of interleukin-23/interleukin-17 proinflammatory axis in obese women. <i>International Journal of Obesity</i> , 2009, 33, 151-156.	3.4	225
10	Coordinated time-dependent modulation of AMPK/Akt/mTOR signaling and autophagy controls osteogenic differentiation of human mesenchymal stem cells. <i>Bone</i> , 2013, 52, 524-531.	2.9	222
11	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
12	Dual antitumor action of metformin: cell cycle arrest and mitochondria-dependent apoptosis. <i>Cellular and Molecular Life Sciences</i> , 2007, 64, 1290-1302.	5.4	181
13	AMPK-mediated autophagy inhibits apoptosis in cisplatin-treated tumour cells. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 3644-3654.	3.6	171
14	T1/ST2 is an IL-1 receptor-like modulator of immune responses. <i>Cytokine and Growth Factor Reviews</i> , 2004, 15, 87-95.	7.2	150
15	IL-18 induces the differentiation of Th1 or Th2 cells depending upon cytokine milieu and genetic background. <i>European Journal of Immunology</i> , 2000, 30, 3147-3156.	2.9	136
16	Inducible nitric oxide synthase activation by interleukin-17. <i>Cytokine and Growth Factor Reviews</i> , 2004, 15, 21-32.	7.2	117
17	The mechanism of cell-damaging reactive oxygen generation by colloidal fullerenes. <i>Biomaterials</i> , 2007, 28, 5437-5448.	11.4	112
18	The complement system drives local inflammatory tissue priming by metabolic reprogramming of synovial fibroblasts. <i>Immunity</i> , 2021, 54, 1002-1021.e10.	14.3	106

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19	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> , 2019, 848, 39-48.	3.5	99
20	The protective role of AMP-activated protein kinase in alpha-synuclein neurotoxicity in vitro. <i>Neurobiology of Disease</i> , 2014, 63, 1-11.	4.4	97
21	Novel platinum(IV) complexes induce rapid tumor cell death in vitro. <i>International Journal of Cancer</i> , 2005, 116, 479-486.	5.1	94
22	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
23	In vitro and in vivo anti-melanoma action of metformin. <i>European Journal of Pharmacology</i> , 2011, 668, 373-382.	3.5	91
24	Interleukin-17 stimulates inducible nitric oxide synthase activation in rodent astrocytes. <i>Journal of Neuroimmunology</i> , 2001, 119, 183-191.	2.3	88
25	Multiple mechanisms underlying the anticancer action of nanocrystalline fullerene. <i>European Journal of Pharmacology</i> , 2007, 568, 89-98.	3.5	88
26	Toxicity of pristine versus functionalized fullerenes: mechanisms of cell damage and the role of oxidative stress. <i>Archives of Toxicology</i> , 2012, 86, 1809-1827.	4.2	87
27	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
28	Anti-glioma action of aloe emodin: the role of ERK inhibition. <i>Cellular and Molecular Life Sciences</i> , 2005, 62, 589-598.	5.4	85
29	Graphene quantum dots suppress proinflammatory T cell responses via autophagy-dependent induction of tolerogenic dendritic cells. <i>Biomaterials</i> , 2017, 146, 13-28.	11.4	84
30	Large Graphene Quantum Dots Alleviate Immune-Mediated Liver Damage. <i>ACS Nano</i> , 2014, 8, 12098-12109.	14.6	82
31	Astrocyte-induced regulatory T cells mitigate CNS autoimmunity. <i>Glia</i> , 2004, 47, 168-179.	4.9	73
32	Anti-inflammatory, Gastroprotective, and Cytotoxic Effects of <i>Sideritis scardica</i> Extracts. <i>Planta Medica</i> , 2012, 78, 415-427.	1.3	73
33	Autophagy inhibition uncovers the neurotoxic action of the antipsychotic drug olanzapine. <i>Autophagy</i> , 2014, 10, 2362-2378.	9.1	66
34	Inactivation of nanocrystalline C60 cytotoxicity by β -irradiation. <i>Biomaterials</i> , 2006, 27, 5049-5058.	11.4	64
35	Interleukin-17 stimulates inducible nitric oxide synthase-dependent toxicity in mouse beta cells. <i>Cellular and Molecular Life Sciences</i> , 2005, 62, 2658-2668.	5.4	63
36	Chloroquine-Mediated Lysosomal Dysfunction Enhances the Anticancer Effect of Nutrient Deprivation. <i>Pharmaceutical Research</i> , 2012, 29, 2249-2263.	3.5	60

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37	Inhibition of mTOR-Dependent Autophagy Sensitizes Leukemic Cells to Cytarabine-Induced Apoptotic Death. PLoS ONE, 2014, 9, e94374.	2.5	58
38	AMP-activated protein kinase-dependent and -independent mechanisms underlying in vitro antiglioma action of compound C. Biochemical Pharmacology, 2009, 77, 1684-1693.	4.4	57
39	Inhibition of AMPK-dependent autophagy enhances in vitro antiglioma effect of simvastatin. Pharmacological Research, 2012, 65, 111-119.	7.1	53
40	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. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, e1173-e1185.	2.7	53
41	Synthesis and in vitro Anticancer Activity of Octahedral Platinum(IV) Complexes with Cyclohexyl-Functionalized Ethylenediamine-Diacetate Type Ligands. ChemMedChem, 3.2 2010, 5, 881-889.		48
42	Ghrelin-induced food intake and adiposity depend on central mTORC1/S6K1 signaling. Molecular and Cellular Endocrinology, 2013, 381, 280-290.	3.2	48
43	Autophagy-dependent and -independent involvement of AMP-activated protein kinase in 6-hydroxydopamine toxicity to SH-SY5Y neuroblastoma cells. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 1826-1836.	3.8	46
44	Statin-mediated inhibition of cholesterol synthesis induces cytoprotective autophagy in human leukemic cells. European Journal of Pharmacology, 2015, 765, 415-428.	3.5	45
45	Intracerebroventricular Administration of Metformin Inhibits Ghrelin-Induced Hypothalamic AMP-Kinase Signalling and Food Intake. Neuroendocrinology, 2012, 96, 24-31.	2.5	44
46	Effect of Mycobacterium tuberculosis -Specific 10-Kilodalton Antigen on Macrophage Release of Tumor Necrosis Factor Alpha and Nitric Oxide. Infection and Immunity, 2002, 70, 6558-6566.	2.2	43
47	Immunomodulatory action of mycobacterial secretory proteins. Microbes and Infection, 2004, 6, 513-519.	1.9	43
48	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. Biomaterials, 2009, 30, 6940-6946.	11.4	42
49	Changes in fractal dimension and lacunarity as early markers of UV-induced apoptosis. Journal of Theoretical Biology, 2012, 303, 87-92.	1.7	41
50	Gal β 3 regulates the capacity of dendritic cells to promote NKT cell-induced liver injury. European Journal of Immunology, 2015, 45, 531-543.	2.9	41
51	Metformin: Its emerging role in oncology. Hormones, 2011, 10, 5-15.	1.9	40
52	STAT1 IS REQUIRED FOR iNOS ACTIVATION, BUT NOT IL-6 PRODUCTION IN MURINE FIBROBLASTS. Cytokine, 2001, 13, 179-182.	3.2	39
53	Antidiabetogenic Effect of Pentoxifylline is Associated with Systemic and Target Tissue Modulation of Cytokines and Nitric Oxide Production. Journal of Autoimmunity, 2001, 16, 47-58.	6.5	39
54	Therapeutic improvement of glucoregulation in newly diagnosed type 2 diabetes patients is associated with a reduction of IL-17 levels. Immunobiology, 2013, 218, 1113-1118.	1.9	39

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55	Cell-specific effects of pentoxifylline on nitric oxide production and inducible nitric oxide synthase mRNA expression. <i>Immunology</i> , 1997, 92, 402-406.	4.4	38
56	Aloe emodin inhibits the cytotoxic action of tumor necrosis factor. <i>European Journal of Pharmacology</i> , 2007, 568, 248-259.	3.5	38
57	Graphene quantum dots inhibit T cell-mediated neuroinflammation in rats. <i>Neuropharmacology</i> , 2019, 146, 95-108.	4.1	38
58	Mechanisms and therapeutic significance of autophagy modulation by antipsychotic drugs. <i>Cell Stress</i> , 2018, 2, 282-291.	3.2	38
59	Comparative study on modification of single wall carbon nanotubes by sodium dodecylbenzene sulfonate and melamine sulfonate superplasticiser. <i>Applied Surface Science</i> , 2009, 255, 6359-6366.	6.1	37
60	Cell-type dependent response of melanoma cells to aloe emodin. <i>Food and Chemical Toxicology</i> , 2012, 50, 3181-3189.	3.6	37
61	Possible virulence factors of <i>Staphylococcus sciuri</i> . <i>FEMS Microbiology Letters</i> , 2001, 199, 47-53.	1.8	36
62	Preparation and biodistribution of radiolabeled fullerene C ₆₀ nanocrystals. <i>Nanotechnology</i> , 2009, 20, 385102.	2.6	36
63	The protection of cells from nitric oxide-mediated apoptotic death by mechanochemically synthesized fullerene (C ₆₀) nanoparticles. <i>Biomaterials</i> , 2009, 30, 2319-2328.	11.4	34
64	Metformin aggravates immune-mediated liver injury in mice. <i>Archives of Toxicology</i> , 2015, 89, 437-450.	4.2	34
65	Leflunomide inhibits activation of inducible nitric oxide synthase in rat astrocytes. <i>Brain Research</i> , 2001, 889, 331-338.	2.2	33
66	Unacylated Ghrelin Suppresses Ghrelin-Induced Neuronal Activity in the Hypothalamus and Brainstem of Male Rats. <i>PLoS ONE</i> , 2014, 9, e98180.	2.5	33
67	Idarubicin induces mTOR-dependent cytotoxic autophagy in leukemic cells. <i>Experimental Cell Research</i> , 2014, 326, 90-102.	2.6	33
68	Downregulation of autophagy gene expression in endometria from women with polycystic ovary syndrome. <i>Molecular and Cellular Endocrinology</i> , 2017, 440, 116-124.	3.2	33
69	Cell-Specific Inhibition of Inducible Nitric Oxide Synthase Activation by Leflunomide. <i>Cellular Immunology</i> , 2000, 199, 73-80.	3.0	31
70	Oxidative stress-mediated hemolytic activity of solvent exchange-prepared fullerene (C ₆₀) nanoparticles. <i>Nanotechnology</i> , 2010, 21, 375102.	2.6	31
71	A novel method for the functionalization of ¹³ C-irradiated single wall carbon nanotubes with DNA. <i>Nanotechnology</i> , 2009, 20, 445602.	2.6	30
72	mTOR-independent autophagy counteracts apoptosis in herpes simplex virus type 1-infected U251 glioma cells. <i>Microbes and Infection</i> , 2013, 15, 615-624.	1.9	30

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73	Biomedical Potential of mTOR Modulation by Nanoparticles. <i>Trends in Biotechnology</i> , 2016, 34, 349-353.	9.3	30
74	Antiglioma action of xanthenes from <i>Gentiana kochiana</i> : Mechanistic and structure-activity requirements. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 5683-5694.	3.0	29
75	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
76	Synthesis, characterization and cytotoxicity of a new palladium(II) complex with a coumarine-derived ligand. <i>European Journal of Medicinal Chemistry</i> , 2014, 74, 502-508.	5.5	29
77	Antibodies against myelin oligodendrocyte glycoprotein in the cerebrospinal fluid of multiple sclerosis patients. <i>Journal of the Neurological Sciences</i> , 2003, 211, 67-73.	0.6	27
78	Antiproliferative Effect of Vitamin A and D Analogues on Adult Human Keratinocytes in vitro. <i>Skin Pharmacology and Physiology</i> , 2008, 21, 227-234.	2.5	27
79	Immunomodulatory actions of central ghrelin in diet-induced energy imbalance. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 150-158.	4.1	27
80	Iron down-regulates macrophage anti-tumour activity by blocking nitric oxide production. <i>Clinical and Experimental Immunology</i> , 2004, 137, 109-116.	2.6	26
81	Iron protects astrocytes from 6-hydroxydopamine toxicity. <i>Neuropharmacology</i> , 2005, 48, 720-731.	4.1	26
82	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.	4.8	26
83	Down-regulation of multiple low dose streptozotocin-induced diabetes by mycophenolate mofetil. <i>Clinical and Experimental Immunology</i> , 2002, 129, 214-223.	2.6	25
84	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.	1.3	25
85	Comparative analysis of cell death mechanisms induced by lysosomal autophagy inhibitors. <i>European Journal of Pharmacology</i> , 2019, 859, 172540.	3.5	25
86	Nitric oxide metabolites and interleukin-6 in cerebrospinal fluid from multiple sclerosis patients. <i>European Journal of Neurology</i> , 2002, 9, 413-418.	3.3	24
87	Novel ruthenium complex $K_2[Ru(dmgly)Cl_4] \cdot 2H_2O$ is toxic to C6 astrocytoma cell line, but not to primary rat astrocytes. <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 2168-2173.	3.5	24
88	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
89	Immunosuppressive and anti-inflammatory action of antioxidants in rat autoimmune diabetes. <i>Journal of Autoimmunity</i> , 2004, 22, 267-276.	6.5	23
90	Mycophenolic acid inhibits activation of inducible nitric oxide synthase in rodent fibroblasts. <i>Clinical and Experimental Immunology</i> , 2003, 132, 239-246.	2.6	22

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91	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> , 2003, 134, 70-77.	2.6	22
92	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.	3.3	22
93	Autophagy-independent increase of ATG5 expression in T cells of multiple sclerosis patients. <i>Journal of Neuroimmunology</i> , 2018, 319, 100-105.	2.3	22
94	A novel cytotoxic lignan from <i>Seseli annuum</i> L. <i>Phytotherapy Research</i> , 2007, 21, 790-792.	5.8	21
95	Modulation of Tumor Necrosis Factor-mediated Cell Death by Fullerenes. <i>Pharmaceutical Research</i> , 2008, 25, 1365-1376.	3.5	20
96	Synthesis and in vitro Anticancer Activity of Ruthenium-Cymene Complexes with Cyclohexyl-Functionalized Ethylenediamine-N,N'-diacetate-Type Ligands. <i>ChemMedChem</i> , 2011, 6, 1884-1891.		20
97	Increased activity of interleukin-23/interleukin-17 cytokine axis in primary antiphospholipid syndrome. <i>Immunobiology</i> , 2013, 218, 186-191.	1.9	20
98	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.	5.4	20
99	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> , 2001, 35, 180-188.	4.9	19
100	Synergistic antiglioma action of hyperthermia and nitric oxide. <i>European Journal of Pharmacology</i> , 2008, 583, 1-10.	3.5	19
101	Modulation of Inducible Nitric Oxide Synthase Activation by Immuno-suppressive Drugs. <i>Current Drug Metabolism</i> , 2001, 2, 315-329.	1.2	19
102	Pentoxifylline inhibits the synthesis and IFN- γ -inducing activity of IL-18. <i>Clinical and Experimental Immunology</i> , 2001, 124, 274-281.	2.6	18
103	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
104	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> , 2016, 101, 31-37.	2.1	17
105	Autophagy suppression sensitizes glioma cells to IMP dehydrogenase inhibition-induced apoptotic death. <i>Experimental Cell Research</i> , 2017, 350, 32-40.	2.6	17
106	Cyclosporin A inhibits activation of inducible nitric oxide synthase in C6 glioma cell line. <i>Brain Research</i> , 1999, 816, 92-98.	2.2	16
107	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
108	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.	3.5	16

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109	Melanoma tumor inhibition by tetrachlorido(O,Oâ€²-dibutyl-ethylenediamine-N,Nâ€²-di-3-propionate)platinum(IV) complex: in vitro and in vivo investigations. <i>Metallomics</i> , 2012, 4, 1155.	2.4	15
110	Neuroprotective arylpiperazine dopaminergic/serotonergic ligands suppress experimental autoimmune encephalomyelitis in rats. <i>Journal of Neurochemistry</i> , 2015, 135, 125-138.	3.9	15
111	Protective effect of autophagy in laserâ€induced glioma cell death in vitro. <i>Lasers in Surgery and Medicine</i> , 2010, 42, 338-347.	2.1	14
112	<i>TNF</i> , <i>IL12B</i> , and <i>IFNG</i> Gene Polymorphisms in Serbian Patients with Psoriasis. <i>Annals of Dermatology</i> , 2015, 27, 128.	0.9	14
113	Synergistic Anticancer Action of Lysosomal Membrane Permeabilization and Glycolysis Inhibition. <i>Journal of Biological Chemistry</i> , 2016, 291, 22936-22948.	3.4	14
114	In vitro anti-glioma action of indomethacin is mediated via AMP-activated protein kinase/mTOR complex 1 signalling pathway. <i>International Journal of Biochemistry and Cell Biology</i> , 2017, 83, 84-96.	2.8	14
115	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> , 2018, 47, 151-160.	5.3	14
116	Current Development of Metal Complexes with Diamine Ligands as Potential Anticancer Agents. <i>Current Medicinal Chemistry</i> , 2020, 27, 380-410.	2.4	14
117	Acidosis affects tumor cell survival through modulation of nitric oxide release. <i>Free Radical Biology and Medicine</i> , 2006, 40, 226-235.	2.9	13
118	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> , 2012, 10, 4933.	2.8	13
119	Age-dependent modulation of central ghrelin effects on food intake and lipid metabolism in rats. <i>European Journal of Pharmacology</i> , 2013, 710, 85-91.	3.5	13
120	c-Jun N-terminal kinase-dependent apoptotic photocytotoxicity of solvent exchange-prepared curcumin nanoparticles. <i>Biomedical Microdevices</i> , 2016, 18, 37.	2.8	13
121	Modulation of Cancer Cell Autophagic Responses by Graphene-Based Nanomaterials: Molecular Mechanisms and Therapeutic Implications. <i>Cancers</i> , 2021, 13, 4145.	3.7	13
122	Mycophenolic acid downregulates inducible nitric oxide synthase induction in astrocytes. <i>Glia</i> , 2002, 39, 247-255.	4.9	12
123	<i>Mycobacterium tuberculosis</i> 6kDa early secreted antigenic target stimulates activation of J774 macrophages. <i>Immunology Letters</i> , 2005, 98, 180-188.	2.5	12
124	Synthesis, biology, and modeling of a C-4 carbonyl C,D-seco-taxoid. <i>Tetrahedron</i> , 2006, 62, 8503-8514.	1.9	12
125	Stereospecific ligands and their complexes. IV: Synthesis, characterization and cytotoxicity of novel platinum(IV) complexes with ethylenediamine-N,Nâ€²-di-S,S-2-propanoate and halogenido ligands: Crystal structure of <i>s-cis</i> -[Pt(S,S-eddp)Cl ₂] \cdot 4H ₂ O and <i>uns-cis</i> -[Pt(S,S-eddp)Br ₂]. <i>Polyhedron</i> , 2010, 29, 1933-1938.	2.2	12
126	The Role and Therapeutic Potential of Autophagy Modulation in Controlling Virusâ€Induced Cell Death. <i>Medicinal Research Reviews</i> , 2014, 34, 744-767.	10.5	12

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127	3-Methyladenine prevents energy stress-induced necrotic death of melanoma cells through autophagy-independent mechanisms. <i>Journal of Pharmacological Sciences</i> , 2021, 147, 156-167.	2.5	12
128	Pentoxifylline Potentiates Nitric Oxide Production and Growth Suppression in Interferon- β -Treated L929 Fibroblasts. <i>Cellular Immunology</i> , 1998, 184, 105-111.	3.0	11
129	Necrotic tumor cells oppositely affect nitric oxide production in tumor cell lines and macrophages. <i>Cellular Immunology</i> , 2002, 215, 72-77.	3.0	11
130	Effects of Ghrelin on the Structural Complexity of Exocrine Pancreas Tissue Architecture. <i>Microscopy and Microanalysis</i> , 2013, 19, 553-558.	0.4	11
131	Isolation, Characterization, and In Vitro Cytotoxicity of New Sesquiterpenoids from <i>Achillea clavennae</i> . <i>Planta Medica</i> , 2014, 80, 297-305.	1.3	10
132	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> , 2019, 497, 119062.	2.4	10
133	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
134	Metformin exacerbates and simvastatin attenuates myelin damage in high fat diet-fed C57BL/6 J mice. <i>Neuropathology</i> , 2018, 38, 468-474.	1.2	9
135	Combination of Ascorbic Acid and Menadione Induces Cytotoxic Autophagy in Human Glioblastoma Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-18.	4.0	9
136	5-Aza-2'-deoxycytidine and paclitaxel inhibit inducible nitric oxide synthase activation in fibrosarcoma cells. <i>European Journal of Pharmacology</i> , 2004, 485, 81-88.	3.5	8
137	Effects of <i>Sideritis scardica</i> Extract on Glucose Tolerance, Triglyceride Levels and Markers of Oxidative Stress in Ovariectomized Rats. <i>Planta Medica</i> , 2019, 85, 465-472.	1.3	8
138	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> , 2021, 177, 167-180.	2.9	8
139	The Mechanisms of 6-Hydroxydopamine-Induced Astrocyte Death. <i>Annals of the New York Academy of Sciences</i> , 2005, 1048, 400-405.	3.8	7
140	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
141	Dual targeting of tumor cell energy metabolism and lysosomes as an anticancer strategy. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 118944.	4.1	7
142	Singlet oxygen generation by higher fullerene-based colloids. <i>Journal of the Serbian Chemical Society</i> , 2010, 75, 965-973.	0.8	7
143	[Pt(HPxSC)Cl ₃], a novel platinum(IV) compound with anticancer properties. <i>European Journal of Pharmacology</i> , 2005, 517, 28-34.	3.5	6
144	Role of AMPK/mTOR-independent autophagy in clear cell renal cell carcinoma. <i>Journal of Investigative Medicine</i> , 2020, 68, 1386-1393.	1.6	6

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145	Muramyl dipeptide potentiates cytokine-induced activation of inducible nitric oxide synthase in rat astrocytes11Published on the World Wide Web on 2 October 2000.. Brain Research, 2000, 883, 157-163.	2.2	5
146	Adenosine rescues glioma cells from cytokine-induced death by interfering with the signaling network involved in nitric oxide production. European Journal of Pharmacology, 2008, 591, 106-113.	3.5	5
147	In vitro and in vivo antimelanoma effect of ethyl ester cyclohexyl analog of ethylenediamine dipropanoic acid. Melanoma Research, 2018, 28, 8-20.	1.2	4
148	Nuvion. Protein Design Labs. Current Opinion in Investigational Drugs, 2002, 3, 411-4.	2.3	4
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