

# Djordje M Miljkovic

## List of Publications by Citations

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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.

103 papers	2,623 citations	25 h-index	47 g-index
106 ext. papers	2,978 ext. citations	5.5 avg, IF	4.57 L-index

#	Paper	IF	Citations
103	Effector T cell interactions with meningeal vascular structures in nascent autoimmune CNS lesions. <i>Nature</i> , <b>2009</b> , 462, 94-8	50.4	491
102	Critical role of macrophage migration inhibitory factor activity in experimental autoimmune diabetes. <i>Endocrinology</i> , <b>2005</b> , 146, 2942-51	4.8	105
101	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
100	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
99	Astrocyte-induced regulatory T cells mitigate CNS autoimmunity. <i>Glia</i> , <b>2004</b> , 47, 168-79	9	70
98	Multiple sclerosis: molecular mechanisms and therapeutic opportunities. <i>Antioxidants and Redox Signaling</i> , <b>2013</b> , 19, 2286-334	8.4	67
97	Macrophage migration inhibitory factor (MIF) is necessary for progression of autoimmune diabetes mellitus. <i>Journal of Cellular Physiology</i> , <b>2008</b> , 215, 665-75	7	67
96	Anticancer properties of the novel nitric oxide-donating compound (S,R)-3-phenyl-4,5-dihydro-5-isoxazole acetic acid-nitric oxide in vitro and in vivo. <i>Molecular Cancer Therapeutics</i> , <b>2008</b> , 7, 510-20	6.1	64
95	Aloe emodin decreases the ERK-dependent anticancer activity of cisplatin. <i>Cellular and Molecular Life Sciences</i> , <b>2005</b> , 62, 1275-82	10.3	55
94	Macrophage migration inhibitory factor stimulates interleukin-17 expression and production in lymph node cells. <i>Immunology</i> , <b>2009</b> , 126, 74-83	7.8	54
93	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
92	Astrocytes in the tempest of multiple sclerosis. <i>FEBS Letters</i> , <b>2011</b> , 585, 3781-8	3.8	50
91	Strain difference in susceptibility to experimental autoimmune encephalomyelitis between Albino Oxford and Dark Agouti rats correlates with disparity in production of IL-17, but not nitric oxide. <i>Journal of Neuroscience Research</i> , <b>2006</b> , 84, 379-88	4.4	46
90	In vitro, ex vivo and in vivo immunopharmacological activities of the isoxazoline compound VGX-1027: modulation of cytokine synthesis and prevention of both organ-specific and systemic autoimmune diseases in murine models. <i>Clinical Immunology</i> , <b>2007</b> , 123, 311-23	9	45
89	Multiple ant melanoma potential of dry olive leaf extract. <i>International Journal of Cancer</i> , <b>2011</b> , 128, 1955-65	7.5	43
88	CXCL12 expression within the CNS contributes to the resistance against experimental autoimmune encephalomyelitis in Albino Oxford rats. <i>Immunobiology</i> , <b>2011</b> , 216, 979-87	3.4	42
87	Tenascins and inflammation in disorders of the nervous system. <i>Amino Acids</i> , <b>2013</b> , 44, 1115-27	3.5	39

86	Astrocytes stimulate interleukin-17 and interferon-gamma production in vitro. <i>Journal of Neuroscience Research</i> , <b>2007</b> , 85, 3598-606	4.4	37
85	In vitro and in vivo anticancer action of Saquinavir-NO, a novel nitric oxide-derivative of the protease inhibitor saquinavir, on hormone resistant prostate cancer cells. <i>Cell Cycle</i> , <b>2011</b> , 10, 492-9	4.7	36
84	The antitumor properties of a nontoxic, nitric oxide-modified version of saquinavir are independent of Akt. <i>Molecular Cancer Therapeutics</i> , <b>2009</b> , 8, 1169-78	6.1	33
83	Platinum(II/IV) complexes containing ethylenediamine-N,NSdi-2/3-propionate ester ligands induced caspase-dependent apoptosis in cisplatin-resistant colon cancer cells. <i>Metallomics</i> , <b>2012</b> , 4, 979-87	4.5	32
82	A potent immunomodulatory compound, (S,R)-3-Phenyl-4,5-dihydro-5-isoxazole acetic acid, prevents spontaneous and accelerated forms of autoimmune diabetes in NOD mice and inhibits the immunoinflammatory diabetes induced by multiple low doses of streptozotocin in CBA/H mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2007</b> , 320, 1038-49	4.7	30
81	Pomegranate peel extract ameliorates autoimmunity in animal models of multiple sclerosis and type 1 diabetes. <i>Journal of Functional Foods</i> , <b>2017</b> , 35, 522-530	5.1	29
80	Correlation of Gut Microbiota Composition with Resistance to Experimental Autoimmune Encephalomyelitis in Rats. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 2005	5.7	29
79	Kinetics of IFN-gamma and IL-17 expression and production in active experimental autoimmune encephalomyelitis in Dark Agouti rats. <i>Neuroscience Letters</i> , <b>2008</b> , 447, 148-52	3.3	27
78	A comparative analysis of multiple sclerosis-relevant anti-inflammatory properties of ethyl pyruvate and dimethyl fumarate. <i>Journal of Immunology</i> , <b>2015</b> , 194, 2493-503	5.3	25
77	Novel methylene modified cyclohexyl ethylenediamine-N,NSdiacetate ligands and their platinum(IV) complexes. Influence on biological activity. <i>Journal of Inorganic Biochemistry</i> , <b>2012</b> , 109, 40-8	4.2	25
76	The elimination of P-glycoprotein over-expressing cancer cells by antimicrobial cationic peptide NK-2: the unique way of multi-drug resistance modulation. <i>Experimental Cell Research</i> , <b>2013</b> , 319, 1013-27	4.2	25
75	Dry olive leaf extract ameliorates experimental autoimmune encephalomyelitis. <i>Clinical Nutrition</i> , <b>2009</b> , 28, 346-50	5.9	25
74	Methylprednisolone inhibits IFN-gamma and IL-17 expression and production by cells infiltrating central nervous system in experimental autoimmune encephalomyelitis. <i>Journal of Neuroinflammation</i> , <b>2009</b> , 6, 37	10.1	25
73	The NO-modified HIV protease inhibitor as a valuable drug for hematological malignancies: Role of p70S6K. <i>Leukemia Research</i> , <b>2015</b> , 39, 1088-95	2.7	24
72	Therapeutic potential of nitric oxide-modified drugs in colon cancer cells. <i>Molecular Pharmacology</i> , <b>2012</b> , 82, 700-10	4.3	24
71	CXCL12 in control of neuroinflammation. <i>Immunologic Research</i> , <b>2012</b> , 52, 53-63	4.3	24
70	Novel nitric oxide-donating compound (S,R)-3-phenyl-4,5-dihydro-5-isoxazole acetic acid-nitric oxide (GIT-27NO) induces p53 mediated apoptosis in human A375 melanoma cells. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2008</b> , 19, 177-83	5	24
69	Iron protects astrocytes from 6-hydroxydopamine toxicity. <i>Neuropharmacology</i> , <b>2005</b> , 48, 720-31	5.5	24

68	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
67	Cytotoxic and immune-sensitizing properties of nitric oxide-modified Saquinavir in iNOS-positive human melanoma cells. <i>Journal of Cellular Physiology</i> , <b>2011</b> , 226, 1803-12	7	23
66	Novel ruthenium complex K <sub>2</sub> [Ru(dmgl)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
65	Effects of subacute oral warfarin administration on peripheral blood granulocytes in rats. <i>Food and Chemical Toxicology</i> , <b>2012</b> , 50, 1499-507	4.7	22
64	High interleukin-10 expression within the central nervous system may be important for initiation of recovery of Dark Agouti rats from experimental autoimmune encephalomyelitis. <i>Immunobiology</i> , <b>2013</b> , 218, 1192-9	3.4	22
63	Gut-associated lymphoid tissue, gut microbes and susceptibility to experimental autoimmune encephalomyelitis. <i>Beneficial Microbes</i> , <b>2016</b> , 7, 363-73	4.9	20
62	Strain difference in susceptibility to experimental autoimmune encephalomyelitis in rats correlates with T(H)1 and T(H)17-inducing cytokine profiles. <i>Molecular Immunology</i> , <b>2009</b> , 47, 141-6	4.3	20
61	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
60	Gut Microbiota Confers Resistance of Albino Oxford Rats to the Induction of Experimental Autoimmune Encephalomyelitis. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 942	8.4	19
59	Nitric oxide inhibits CXCL12 expression in neuroinflammation. <i>Immunology and Cell Biology</i> , <b>2013</b> , 91, 427-34	5	19
58	Dried leaf extract of <i>Olea europaea</i> ameliorates islet-directed autoimmunity in mice. <i>British Journal of Nutrition</i> , <b>2010</b> , 103, 1413-24	3.6	19
57	Methylprednisolone inhibits interleukin-17 and interferon-gamma expression by both naive and primed T cells. <i>BMC Immunology</i> , <b>2008</b> , 9, 47	3.7	19
56	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
55	Tenascin-C deficiency protects mice from experimental autoimmune encephalomyelitis. <i>Journal of Neuroimmunology</i> , <b>2017</b> , 302, 1-6	3.5	18
54	Oral neonatal antibiotic treatment perturbs gut microbiota and aggravates central nervous system autoimmunity in Dark Agouti rats. <i>Scientific Reports</i> , <b>2019</b> , 9, 918	4.9	18
53	Biological activity of neutral and cationic iridium(III) complexes with <b>B</b> and <b>B,B</b> coordinated PhBCHS(O)xPh (x = 0-2) ligands. <i>European Journal of Medicinal Chemistry</i> , <b>2013</b> , 69, 216-22	6.8	16
52	Betulinic acid regulates generation of neuroinflammatory mediators responsible for tissue destruction in multiple sclerosis in vitro. <i>Acta Pharmacologica Sinica</i> , <b>2013</b> , 34, 424-31	8	16
51	Anti-encephalitogenic effects of ethyl pyruvate are reflected in the central nervous system and the gut. <i>Biomedicine and Pharmacotherapy</i> , <b>2017</b> , 96, 78-85	7.5	15

50	CXCL12: role in neuroinflammation. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2012</b> , 44, 838-416	15
49	Taxol activates inducible nitric oxide synthase in rat astrocytes: the role of MAP kinases and NF-kappaB. <i>Cellular and Molecular Life Sciences</i> , <b>2004</b> , 61, 1167-75	10.3 15
48	The H8 Donor GYY4137 Stimulates Reactive Oxygen Species Generation in BV2 Cells While Suppressing the Secretion of TNF and Nitric Oxide. <i>Molecules</i> , <b>2018</b> , 23,	4.8 15
47	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
46	Contact allergic response to dinitrochlorobenzene (DNCB) in rats: insight from sensitization phase. <i>Immunobiology</i> , <b>2011</b> , 216, 763-70	3.4 14
45	Tumor necrosis factor stimulates expression of CXCL12 in astrocytes. <i>Immunobiology</i> , <b>2015</b> , 220, 845-50	3.4 13
44	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
43	Saquinavir-NO-targeted S6 protein mediates sensitivity of androgen-dependent prostate cancer cells to TRAIL. <i>Cell Cycle</i> , <b>2012</b> , 11, 1174-82	4.7 12
42	Strain-specific helper T cell profile in the gut-associated lymphoid tissue. <i>Immunology Letters</i> , <b>2017</b> , 190, 282-288	4.1 11
41	It is still not for the old iron: adjuvant effects of carbonyl iron in experimental autoimmune encephalomyelitis induction. <i>Journal of Neurochemistry</i> , <b>2011</b> , 118, 205-14	6 11
40	The novel NO-donating compound GIT-27NO inhibits in vivo growth of human prostate cancer cells and prevents murine immunoinflammatory hepatitis. <i>European Journal of Pharmacology</i> , <b>2009</b> , 615, 228-33	5.3 11
39	T cells cooperate with palmitic acid in induction of beta cell apoptosis. <i>BMC Immunology</i> , <b>2009</b> , 10, 29	3.7 10
38	Induction of caspase-independent apoptotic-like cell death of mouse mammary tumor TA3Ha cells in vitro and reduction of their lethality in vivo by the novel chemotherapeutic agent GIT-27NO. <i>Free Radical Biology and Medicine</i> , <b>2010</b> , 48, 1090-9	7.8 10
37	Saquinavir-NO inhibits S6 kinase activity, impairs secretion of the encephalytogenic cytokines interleukin-17 and interferon-gamma and ameliorates experimental autoimmune encephalomyelitis. <i>Journal of Neuroimmunology</i> , <b>2013</b> , 259, 55-65	3.5 9
36	Cell-based Tolerogenic Therapy, Experience from Animal Models of Multiple Sclerosis, Type 1 Diabetes and Rheumatoid Arthritis. <i>Current Pharmaceutical Design</i> , <b>2017</b> , 23, 2623-2643	3.3 9
35	Micro RNA-155 participates in re-activation of encephalitogenic T cells. <i>Biomedicine and Pharmacotherapy</i> , <b>2015</b> , 74, 206-10	7.5 8
34	Novel octahedral Pt(IV) complex with di-n-propyl-(S,S)-ethylenediamine-N,NSdi-2-(3-cyclohexyl)propanoato ligand exerts potent immunomodulatory effects. <i>European Journal of Medicinal Chemistry</i> , <b>2012</b> , 47, 194-201	6.8 8
33	Regional cytokine responses to pulmonary aspergillosis in immunocompetent rats. <i>Immunobiology</i> , <b>2013</b> , 218, 1514-23	3.4 8

32	Short term exposure to ethyl pyruvate has long term anti-inflammatory effects on microglial cells. <i>Biomedicine and Pharmacotherapy</i> , <b>2015</b> , 72, 11-6	7.5	7
31	Cucurbitacin E Potently Modulates the Activity of Encephalitogenic Cells. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 4900-7	5.7	7
30	Synthesis, X-ray structure and strong in vitro cytotoxicity of novel organoruthenium complexes. <i>Journal of Organometallic Chemistry</i> , <b>2014</b> , 749, 142-149	2.3	7
29	Apotransferrin inhibits interleukin-2 expression and protects mice from experimental autoimmune encephalomyelitis. <i>Journal of Neuroimmunology</i> , <b>2013</b> , 262, 72-8	3.5	7
28	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
27	Study of the anticancer properties of methyl- and phenyl-substituted carbon- and silicon-bridged ansa-titanocene complexes. <i>Journal of Organometallic Chemistry</i> , <b>2014</b> , 751, 361-367	2.3	6
26	Anticancer potential of (pentamethylcyclopentadienyl)chloridoiridium(III) complexes bearing <b>P</b> and <b>P,S</b> -coordinated Ph <sub>2</sub> PCH <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> S(O) <sub>x</sub> Ph (x=0-2) ligands. <i>ChemMedChem</i> , <b>2014</b> , 9, 1586-93	3.7	6
25	[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
24	Central nervous system-infiltrated immune cells induce calcium increase in astrocytes via astroglial purinergic signaling. <i>Journal of Neuroscience Research</i> , <b>2020</b> , 98, 2317-2332	4.4	6
23	5-Aza-2Sdeoxycytidine 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
22	MIF and insulin: Lifetime companions from common genesis to common pathogenesis. <i>Cytokine</i> , <b>2020</b> , 125, 154792	4	5
21	Anti-encephalitogenic effects of cucumber leaf extract. <i>Journal of Functional Foods</i> , <b>2017</b> , 37, 249-262	5.1	4
20	Transforming growth factor-beta 1 in Balkan endemic nephropathy. <i>Nephron Clinical Practice</i> , <b>2009</b> , 111, c127-32		4
19	5-Aza-2Sdeoxycytidine stimulates inducible nitric oxide synthase induction in C6 astrocytoma cells. <i>Brain Research</i> , <b>2004</b> , 998, 83-90	3.7	4
18	Cell death of spinal cord ED1(+) cells in a rat model of multiple sclerosis. <i>PeerJ</i> , <b>2015</b> , 3, e1189	3.1	4
17	Comparison of dendritic cells obtained from autoimmunity-prone and resistant rats. <i>Immunobiology</i> , <b>2019</b> , 224, 470-476	3.4	3
16	Saquinavir-NO inhibits IL-6 production in macrophages. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2014</b> , 115, 499-506	3.1	3
15	Activity, but not mRNA expression of gelatinases correlates with susceptibility to experimental autoimmune encephalomyelitis. <i>Neuroscience</i> , <b>2015</b> , 292, 1-12	3.9	2

14	CXCL12- $\alpha$ expression is inhibited in neuroinflammation. <i>Brain Research</i> , <b>2013</b> , 1519, 120-6	3.7	2
13	Upregulation of Tolerogenic Pathways by the Hydrogen Sulfide Donor GYY4137 and Impaired Expression of HS-Producing Enzymes in Multiple Sclerosis. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	2
12	ILC3, a Central Innate Immune Component of the Gut-Brain Axis in Multiple Sclerosis. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 657622	8.4	2
11	Complete Freund's adjuvant-free experimental autoimmune encephalomyelitis in Dark Agouti rats is a valuable tool for multiple sclerosis studies. <i>Journal of Neuroimmunology</i> , <b>2021</b> , 354, 577547	3.5	2
10	Redox Regulation of Tolerogenic Dendritic Cells and Regulatory T Cells in the Pathogenesis and Therapy of Autoimmunity. <i>Antioxidants and Redox Signaling</i> , <b>2021</b> , 34, 364-382	8.4	2
9	Sepsis and multiple sclerosis: Causative links and outcomes. <i>Immunology Letters</i> , <b>2021</b> , 238, 40-46	4.1	2
8	No-Modified Saquinavir is Equally Efficient Against Doxorubicin Sensitive and Resistant Non-Small Cell Lung Carcinoma Cells / MODIFIKOVANA KOVANA FORMA SAKVINAVIRA EFIKASNO SU PRIMI RA RAST $\beta$ LIJA NESITNO $\beta$ LIJSKOG KARCINOMA PLU $\beta$ RAZLI $\beta$ TE OSETUIVOSTI NA DOKSORUBICIN. <i>Journal of Medical Biochemistry</i> , <b>2013</b> , 32, 406-416	1.9	1
7	Ethyl Pyruvate Ameliorates Experimental Autoimmune Myocarditis.. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	1
6	Ethyl pyruvate, a versatile protector in inflammation and autoimmunity.. <i>Inflammation Research</i> , <b>2022</b> , 71, 169	7.2	1
5	Murine brain endothelial cells differently modulate interferon- $\beta$ and interleukin-17 production in vitro. <i>Archives of Biological Sciences</i> , <b>2009</b> , 61, 29-36	0.7	1
4	Modulation of Intestinal ILC3 for the Treatment of Type 1 Diabetes. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 653560	8.4	1
3	Benfotiamine Reduces Dendritic Cell Inflammatory Potency. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , <b>2021</b> , 21, 1344-1351	2.2	1
2	The Frequency of Allele CCR5 $\Delta$ 32 in a Serbian Population / U $\beta$ ESTALOST ALELA CCR5 $\Delta$ 32 U SRPSKOJ POPULACIJI. <i>Journal of Medical Biochemistry</i> , <b>2013</b> , 32, 368-374	1.9	
1	Dry olive leaf extract (DOLE) down-regulates the progression of experimental immune-mediated diabetes by modulation of cytokine profile in the draining lymph nodes. <i>Archives of Biological Sciences</i> , <b>2011</b> , 63, 289-297	0.7	