

# Djordje M Miljkovic

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/5083357/djordje-m-miljkovic-publications-by-year.pdf>

**Version:** 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Ethyl pyruvate, a versatile protector in inflammation and autoimmunity.. <i>Inflammation Research</i> , <b>2022</b> , 71, 169	7.2	1
102	Ethyl Pyruvate Ameliorates Experimental Autoimmune Myocarditis.. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	1
101	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
100	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
99	Modulation of Intestinal ILC3 for the Treatment of Type 1 Diabetes. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 653560	8.4	1
98	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
97	Benfotiamine Reduces Dendritic Cell Inflammatory Potency. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , <b>2021</b> , 21, 1344-1351	2.2	1
96	Sepsis and multiple sclerosis: Causative links and outcomes. <i>Immunology Letters</i> , <b>2021</b> , 238, 40-46	4.1	2
95	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
94	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
93	MIF and insulin: Lifetime companions from common genesis to common pathogenesis. <i>Cytokine</i> , <b>2020</b> , 125, 154792	4	5
92	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
91	Comparison of dendritic cells obtained from autoimmunity-prone and resistant rats. <i>Immunobiology</i> , <b>2019</b> , 224, 470-476	3.4	3
90	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
89	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
88	Tenascin-C deficiency protects mice from experimental autoimmune encephalomyelitis. <i>Journal of Neuroimmunology</i> , <b>2017</b> , 302, 1-6	3.5	18
87	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

86	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
85	Anti-encephalitogenic effects of cucumber leaf extract. <i>Journal of Functional Foods</i> , <b>2017</b> , 37, 249-262	5.1	4
84	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
83	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
82	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
81	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
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	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
78	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
77	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
76	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
75	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
74	Tumor necrosis factor stimulates expression of CXCL12 in astrocytes. <i>Immunobiology</i> , <b>2015</b> , 220, 845-50	3.4	13
73	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
72	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
71	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
70	Anticancer potential of (pentamethylcyclopentadienyl)chloridoiridium(III) complexes bearing P and P,S-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
69	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

- 68 Regional cytokine responses to pulmonary aspergillosis in immunocompetent rats. *Immunobiology*, **2013**, 218, 1514-23 3.4 8
- 67 The elimination of P-glycoprotein over-expressing cancer cells by antimicrobial cationic peptide NK-2: the unique way of multi-drug resistance modulation. *Experimental Cell Research*, **2013**, 319, 1013-27 4.2 25
- 66 Apotransferrin inhibits interleukin-2 expression and protects mice from experimental autoimmune encephalomyelitis. *Journal of Neuroimmunology*, **2013**, 262, 72-8 3.5 7
- 65 Biological activity of neutral and cationic iridium(III) complexes with  $\text{P}$  and  $\text{P},\text{S}$  coordinated  $\text{PhPCHS}(\text{O})\text{xPh}$  ( $\text{x} = 0-2$ ) ligands. *European Journal of Medicinal Chemistry*, **2013**, 69, 216-22 6.8 16
- 64 Betulinic acid regulates generation of neuroinflammatory mediators responsible for tissue destruction in multiple sclerosis in vitro. *Acta Pharmacologica Sinica*, **2013**, 34, 424-31 8 16
- 63 Multiple sclerosis: molecular mechanisms and therapeutic opportunities. *Antioxidants and Redox Signaling*, **2013**, 19, 2286-334 8.4 67
- 62 Saquinavir-NO inhibits S6 kinase activity, impairs secretion of the encephalotogenic cytokines interleukin-17 and interferon-gamma and ameliorates experimental autoimmune encephalomyelitis. *Journal of Neuroimmunology*, **2013**, 259, 55-65 3.5 9
- 61 High interleukin-10 expression within the central nervous system may be important for initiation of recovery of Dark Agouti rats from experimental autoimmune encephalomyelitis. *Immunobiology*, **2013**, 218, 1192-9 3.4 22
- 60 Tenascins and inflammation in disorders of the nervous system. *Amino Acids*, **2013**, 44, 1115-27 3.5 39
- 59 CXCL12-Expression is inhibited in neuroinflammation. *Brain Research*, **2013**, 1519, 120-6 3.7 2
- 58 Nitric oxide inhibits CXCL12 expression in neuroinflammation. *Immunology and Cell Biology*, **2013**, 91, 427-34 5 19
- 57 No-Modified Saquinavir is Equally Efficient Against Doxorubicin Sensitive and Resistant Non-Small Cell Lung Carcinoma Cells / MODIFIKOVANA KOVANA FORMA SAKVINAVIRA EFIKASNO SU PRIMIRANJE RAST BLIJE NESITNOBLIJSKOG KARCINOMA PLUĆA RAZLIČITE OSETLIVOSTI NA DOKSORUBICIN. *Journal of Medical Biochemistry*, **2013**, 32, 368-374 1.9 1
- 56 The Frequency of Allele CCR5B2 in a Serbian Population / UČESTALOST ALELA CCR5B2 U SRPSKOJ POPULACIJI. *Journal of Medical Biochemistry*, **2013**, 32, 368-374 1.9
- 55 Novel octahedral Pt(IV) complex with di-n-propyl-(S,S)-ethylenediamine-N,N'-di-2-(3-cyclohexyl)propanoate ligand exerts potent immunomodulatory effects. *European Journal of Medicinal Chemistry*, **2012**, 47, 194-201 6.8 8
- 54 Novel methylene modified cyclohexyl ethylenediamine-N,N'-diacetate ligands and their platinum(IV) complexes. Influence on biological activity. *Journal of Inorganic Biochemistry*, **2012**, 109, 40-8 4.2 25
- 53 Melanoma tumor inhibition by tetrachlorido(O,O'-di-tert-butyl-ethylenediamine-N,N'-di-3-propionate)platinum(IV) complex: in vitro and in vivo investigations. *Metallomics*, **2012**, 4, 1155-9 4.5 14
- 52 Therapeutic potential of nitric oxide-modified drugs in colon cancer cells. *Molecular Pharmacology*, **2012**, 82, 700-10 4.3 24
- 51 Platinum(II/IV) complexes containing ethylenediamine-N,N'-di-2/3-propionate ester ligands induced caspase-dependent apoptosis in cisplatin-resistant colon cancer cells. *Metallomics*, **2012**, 4, 979-87 4.5 32

50	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
49	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
48	CXCL12: role in neuroinflammation. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2012</b> , 44, 838-46	4.6	15
47	CXCL12 in control of neuroinflammation. <i>Immunologic Research</i> , <b>2012</b> , 52, 53-63	4.3	24
46	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
45	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
44	Contact allergic response to dinitrochlorobenzene (DNCB) in rats: insight from sensitization phase. <i>Immunobiology</i> , <b>2011</b> , 216, 763-70	3.4	14
43	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
42	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
41	Astrocytes in the tempest of multiple sclerosis. <i>FEBS Letters</i> , <b>2011</b> , 585, 3781-8	3.8	50
40	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
39	Multiple antimelanoma potential of dry olive leaf extract. <i>International Journal of Cancer</i> , <b>2011</b> , 128, 1955-65	7.5	43
38	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	
37	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
36	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
35	Transforming growth factor-beta 1 in Balkan endemic nephropathy. <i>Nephron Clinical Practice</i> , <b>2009</b> , 111, c127-32		4
34	T cells cooperate with palmitic acid in induction of beta cell apoptosis. <i>BMC Immunology</i> , <b>2009</b> , 10, 29	3.7	10
33	Dry olive leaf extract ameliorates experimental autoimmune encephalomyelitis. <i>Clinical Nutrition</i> , <b>2009</b> , 28, 346-50	5.9	25

32	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
31	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
30	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
29	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
28	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
27	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
26	Murine brain endothelial cells differently modulate interferon- $\gamma$ and interleukin-17 production in vitro. <i>Archives of Biological Sciences</i> , <b>2009</b> , 61, 29-36	0.7	1
25	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
24	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
23	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
22	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
21	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
20	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
19	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
18	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
17	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
16	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
15	Iron protects astrocytes from 6-hydroxydopamine toxicity. <i>Neuropharmacology</i> , <b>2005</b> , 48, 720-31	5.5	24

14	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
13	[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
12	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
11	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
10	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
9	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
8	Critical role of macrophage migration inhibitory factor activity in experimental autoimmune diabetes. <i>Endocrinology</i> , <b>2005</b> , 146, 2942-51	4.8	105
7	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
6	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
5	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
4	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
3	Astrocyte-induced regulatory T cells mitigate CNS autoimmunity. <i>Glia</i> , <b>2004</b> , 47, 168-79	9	70
2	Novel ruthenium complex K2[Ru(dmgly)Cl4].2H2O 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
1	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