

# Ivana D StojanoviÄ

## List of Publications by Year in descending order

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102  
papers

2,365  
citations

218677

26  
h-index

243625

44  
g-index

103  
all docs

103  
docs citations

103  
times ranked

3898  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phytochemical profile of <i>Rosmarinus officinalis</i> and <i>Salvia officinalis</i> extracts and correlation to their antioxidant and anti-proliferative activity. <i>Food Chemistry</i> , 2013, 136, 120-129.	8.2	263
2	Critical Role of Macrophage Migration Inhibitory Factor Activity in Experimental Autoimmune Diabetes. <i>Endocrinology</i> , 2005, 146, 2942-2951.	2.8	115
3	Macrophage migration inhibitory factor stimulates interleukin-17 expression and production in lymph node cells. <i>Immunology</i> , 2009, 126, 74-83.	4.4	82
4	MIF in autoimmunity and novel therapeutic approaches. <i>Autoimmunity Reviews</i> , 2009, 8, 244-249.	5.8	81
5	Macrophage migration inhibitory factor (MIF) is necessary for progression of autoimmune diabetes mellitus. <i>Journal of Cellular Physiology</i> , 2008, 215, 665-675.	4.1	76
6	Astrocyte-induced regulatory T cells mitigate CNS autoimmunity. <i>Glia</i> , 2004, 47, 168-179.	4.9	73
7	Anticancer Properties of <i>Ganoderma Lucidum</i> Methanol Extracts In Vitro and In Vivo. <i>Nutrition and Cancer</i> , 2009, 61, 696-707.	2.0	67
8	Pharmacological application of carbon monoxide ameliorates islet-directed autoimmunity in mice via anti-inflammatory and anti-apoptotic effects. <i>Diabetologia</i> , 2014, 57, 980-990.	6.3	66
9	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
10	Anti-tumor effect of <i>Coriolus versicolor</i> methanol extract against mouse B16 melanoma cells: In vitro and in vivo study. <i>Food and Chemical Toxicology</i> , 2008, 46, 1825-1833.	3.6	63
11	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> , 2007, 123, 311-323.	3.2	61
12	Methanolic extract of <i>Origanum vulgare</i> ameliorates type 1 diabetes through antioxidant, anti-inflammatory and anti-apoptotic activity. <i>British Journal of Nutrition</i> , 2015, 113, 770-782.	2.3	55
13	Galectin-3 deficiency protects pancreatic islet cells from cytokine-triggered apoptosis in vitro. <i>Journal of Cellular Physiology</i> , 2013, 228, 1568-1576.	4.1	50
14	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> , 2006, 84, 379-388.	2.9	49
15	Neutralization of macrophage migration inhibitory factor – novel approach for the treatment of immunoinflammatory disorders. <i>International Immunopharmacology</i> , 2006, 6, 1527-1534.	3.8	44
16	Astrocytes stimulate interleukin-17 and interferon- $\gamma$ production in vitro. <i>Journal of Neuroscience Research</i> , 2007, 85, 3598-3606.	2.9	44
17	Oxidative stress, bioelements and androgen status in testes of rats subacutely exposed to cadmium. <i>Food and Chemical Toxicology</i> , 2015, 86, 25-33.	3.6	42
18	Pomegranate peel extract ameliorates autoimmunity in animal models of multiple sclerosis and type 1 diabetes. <i>Journal of Functional Foods</i> , 2017, 35, 522-530.	3.4	42

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19	Macrophage migration inhibitory factor deficiency protects pancreatic islets from palmitic acid-induced apoptosis. <i>Immunology and Cell Biology</i> , 2012, 90, 688-698.	2.3	40
20	The role of interleukin-17 in inducible nitric oxide synthase-mediated nitric oxide production in endothelial cells. <i>Cellular and Molecular Life Sciences</i> , 2003, 60, 518-525.	5.4	35
21	IL-17 signalling in astrocytes promotes glutamate excitotoxicity: Indications for the link between inflammatory and neurodegenerative events in multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2017, 11, 12-17.	2.0	34
22	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> , 2007, 320, 1038-1049.	2.5	32
23	Macrophage migration inhibitory factor deficiency protects pancreatic islets from cytokine-induced apoptosis <i>in vitro</i> . <i>Clinical and Experimental Immunology</i> , 2012, 169, 156-163.	2.6	32
24	Erythrocytes' antioxidative capacity as a potential marker of oxidative stress intensity in neuroinflammation. <i>Journal of the Neurological Sciences</i> , 2014, 337, 8-13.	0.6	30
25	Decreased Frequency of the Tumor Necrosis Factor $\beta$ -308 Allele in Serbian Patients with Multiple Sclerosis. <i>European Neurology</i> , 2003, 50, 25-29.	1.4	29
26	Dried leaf extract of <i>Olea europaea</i> ameliorates islet-directed autoimmunity in mice. <i>British Journal of Nutrition</i> , 2010, 103, 1413-1424.	2.3	28
27	Impaired IL-17 Production in Gut-Residing Immune Cells of 5xFAD Mice with Alzheimer's Disease Pathology. <i>Journal of Alzheimer's Disease</i> , 2017, 61, 619-630.	2.6	27
28	A role for macrophage migration inhibitory factor in protective immunity against <i>Aspergillus fumigatus</i> . <i>Immunobiology</i> , 2011, 216, 1018-1027.	1.9	26
29	Deleterious versus protective autoimmunity in multiple sclerosis. <i>Cellular Immunology</i> , 2015, 296, 122-132.	3.0	26
30	The Role of Macrophage Migration Inhibitory Factor in the Function of Intestinal Barrier. <i>Scientific Reports</i> , 2018, 8, 6337.	3.3	26
31	Effect of caffeine on metabolism of L-arginine in the brain. <i>Molecular and Cellular Biochemistry</i> , 2003, 244, 125-128.	3.1	25
32	Immunosuppressive and anti-inflammatory action of antioxidants in rat autoimmune diabetes. <i>Journal of Autoimmunity</i> , 2004, 22, 267-276.	6.5	23
33	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
34	Retinoids differentially regulate the progression of autoimmune diabetes in three preclinical models in mice. <i>Molecular Immunology</i> , 2009, 47, 79-86.	2.2	22
35	Beta cell function: the role of macrophage migration inhibitory factor. <i>Immunologic Research</i> , 2012, 52, 81-88.	2.9	21
36	The critical role of macrophage migration inhibitory factor in insulin activity. <i>Cytokine</i> , 2014, 69, 39-46.	3.2	21

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37	Ethyl Pyruvate Stimulates Regulatory T Cells and Ameliorates Type 1 Diabetes Development in Mice. <i>Frontiers in Immunology</i> , 2018, 9, 3130.	4.8	21
38	ILC3, a Central Innate Immune Component of the Gut-Brain Axis in Multiple Sclerosis. <i>Frontiers in Immunology</i> , 2021, 12, 657622.	4.8	19
39	Taxol activates inducible nitric oxide synthase in rat astrocytes: the role of MAP kinases and NF- $\kappa$ B. <i>Cellular and Molecular Life Sciences</i> , 2004, 61, 1167-1175.	5.4	18
40	INF- $\gamma$ 1b therapy modulates l-arginine and nitric oxide metabolism in patients with relapse remittent multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2012, 323, 187-192.	0.6	17
41	Carbon Monoxide- $\alpha$ -Releasing Molecule- $\alpha$ 1 Inhibits Th1/Th17 and Stimulates Th2 Differentiation <i>in vitro</i> . <i>Scandinavian Journal of Immunology</i> , 2014, 80, 95-100.	2.7	17
42	Anti-diabetic actions of carbon monoxide-releasing molecule (CORM)-A1: Immunomodulation and regeneration of islet beta cells. <i>Immunology Letters</i> , 2015, 165, 39-46.	2.5	17
43	Orally delivered all-trans-retinoic acid- and transforming growth factor- $\beta$ -loaded microparticles ameliorate type 1 diabetes in mice. <i>European Journal of Pharmacology</i> , 2019, 864, 172721.	3.5	17
44	Chokeberry ( <i>Aronia melanocarpa</i> ) fruit extract modulates immune response in vivo and in vitro. <i>Journal of Functional Foods</i> , 2020, 66, 103836.	3.4	17
45	Cell-based Tolerogenic Therapy, Experience from Animal Models of Multiple Sclerosis, Type 1 Diabetes and Rheumatoid Arthritis. <i>Current Pharmaceutical Design</i> , 2017, 23, 2623-2643.	1.9	17
46	Compound A, a selective glucocorticoid receptor agonist, inhibits immunoinflammatory diabetes, induced by multiple low doses of streptozotocin in mice. <i>British Journal of Pharmacology</i> , 2014, 171, 5898-5909.	5.4	16
47	The role of endogenous glucocorticoids in glucose metabolism and immune status of MIF-deficient mice. <i>European Journal of Pharmacology</i> , 2013, 714, 498-506.	3.5	15
48	Theta burst stimulation influence the expression of BDNF in the spinal cord on the experimental autoimmune encephalomyelitis. <i>Folia Neuropathologica</i> , 2019, 57, 129-145.	1.2	15
49	T cells cooperate with palmitic acid in induction of beta cell apoptosis. <i>BMC Immunology</i> , 2009, 10, 29.	2.2	14
50	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
51	Differential mechanisms of resistance to sublethal systemic <i>Aspergillus fumigatus</i> infection in immunocompetent BALB/c and C57BL/6 mice. <i>Immunobiology</i> , 2011, 216, 234-242.	1.9	13
52	Ethyl Acetate Extract of <i>Origanum vulgare</i> L. ssp. <i>hirtum</i> Prevents Streptozotocin-Induced Diabetes in C57BL/6 Mice. <i>Journal of Food Science</i> , 2016, 81, H1846-53.	3.1	13
53	Mycophenolic acid downregulates inducible nitric oxide synthase induction in astrocytes. <i>Glia</i> , 2002, 39, 247-255.	4.9	12
54	Agmatine protection against chlorpromazine-induced forebrain cortex injury in rats. <i>Journal of Veterinary Science</i> , 2016, 17, 53.	1.3	12

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55	Strain-specific helper T cell profile in the gut-associated lymphoid tissue. <i>Immunology Letters</i> , 2017, 190, 282-288.	2.5	12
56	DIA-DB: A Database and Web Server for the Prediction of Diabetes Drugs. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 4124-4130.	5.4	12
57	The Assessment of Renalase: Searching for the Best Predictor of Early Renal Dysfunction by Multivariate Modeling in Stable Renal Transplant Recipients. <i>Annals of Transplantation</i> , 2015, 20, 186-192.	0.9	12
58	Novel inhibitors of macrophage migration inhibitory factor prevent cytokine-induced beta cell death. <i>European Journal of Pharmacology</i> , 2014, 740, 683-689.	3.5	11
59	Mesenchymal Stem Cells From Mouse Hair Follicles Reduce Hypertrophic Scarring in a Murine Wound Healing Model. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 2028-2044.	3.8	11
60	Splenic and lung response to nonlethal systemic <i>Aspergillus fumigatus</i> infection in C57BL/6 mice. <i>Medical Mycology</i> , 2010, 48, 735-743.	0.7	10
61	Macrophage migration inhibitory factor (MIF) enhances palmitic acid- and glucose-induced murine beta cell dysfunction and destruction <i>in vitro</i> . <i>Growth Factors</i> , 2012, 30, 385-393.	1.7	9
62	Polyamines, folic acid supplementation and cancerogenesis. <i>Pteridines</i> , 2017, 28, 115-131.	0.5	9
63	Control of the of the final stage of immune-mediated diabetes by ISO-1, an antagonist of macrophage migration inhibitory factor. <i>Archives of Biological Sciences</i> , 2008, 60, 389-401.	0.5	9
64	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
65	The importance of l-arginine metabolism modulation in diabetic patients with distal symmetric polyneuropathy. <i>Journal of the Neurological Sciences</i> , 2013, 324, 40-44.	0.6	8
66	Oxidative and Nitrosative Stress in Stable Renal Transplant Recipients with Respect to the Immunosuppression Protocol – Differences or Similarities? / Oksidativni I Nitrozativni Stres U Odnosu Na Imunosupresivni Protokol Kod Pacijenata Sa Stabilnom Funkcijom Presađenog Bubreaga – Razlike I Sličnosti. <i>Journal of Medical Biochemistry</i> , 2015, 34, 295-303.	1.7	8
67	Ethyl pyruvate, a versatile protector in inflammation and autoimmunity. <i>Inflammation Research</i> , 2022, 71, 169-182.	4.0	8
68	Apotransferrin inhibits interleukin-2 expression and protects mice from experimental autoimmune encephalomyelitis. <i>Journal of Neuroimmunology</i> , 2013, 262, 72-78.	2.3	7
69	Compensatory Neuroprotective Response of Thioredoxin Reductase against Oxidative-Nitrosative Stress Induced by Experimental Autoimmune Encephalomyelitis in Rats: Modulation by Theta Burst Stimulation. <i>Molecules</i> , 2020, 25, 3922.	3.8	7
70	Ethyl Pyruvate Promotes Proliferation of Regulatory T Cells by Increasing Glycolysis. <i>Molecules</i> , 2020, 25, 4112.	3.8	7
71	Modulation of Intestinal ILC3 for the Treatment of Type 1 Diabetes. <i>Frontiers in Immunology</i> , 2021, 12, 653560.	4.8	7
72	The role of macrophage migration inhibitory factor in obesity-associated type 2 diabetes in mice. <i>Archives of Biological Sciences</i> , 2013, 65, 499-505.	0.5	7

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73	Vitamin B <sub>12</sub> and Folic Acid Effects on Polyamine Metabolism in Rat Liver. <i>Pteridines</i> , 2006, 17, 90-94.	0.5	6
74	The relevance of the migration inhibitory factor (MIF) for peripheral tissue response in murine sublethal systemic <i>Aspergillus fumigatus</i> infection. <i>Medical Mycology</i> , 2012, 50, 476-487.	0.7	6
75	The immunobiology of apotransferrin in type 1 diabetes. <i>Clinical and Experimental Immunology</i> , 2012, 169, 244-252.	2.6	6
76	Standardized bovine colostrum derivative impedes development of type 1 diabetes in rodents. <i>Immunobiology</i> , 2017, 222, 272-279.	1.9	6
77	MIF and insulin: Lifetime companions from common genesis to common pathogenesis. <i>Cytokine</i> , 2020, 125, 154792.	3.2	6
78	5-Aza-2'-deoxycytidine stimulates inducible nitric oxide synthase induction in C6 astrocytoma cells. <i>Brain Research</i> , 2004, 998, 83-90.	2.2	5
79	The cerebrospinal fluid values of advanced oxidation protein products and total thiol content in patients with amyotrophic lateral sclerosis. <i>Clinical Neurology and Neurosurgery</i> , 2017, 163, 33-38.	1.4	5
80	Immunomodulatory activity and protective effects of chokeberry fruit extract on <i>Listeria monocytogenes</i> infection in mice. <i>Food and Function</i> , 2020, 11, 7793-7803.	4.6	5
81	Redox Regulation of Tolerogenic Dendritic Cells and Regulatory T Cells in the Pathogenesis and Therapy of Autoimmunity. <i>Antioxidants and Redox Signaling</i> , 2021, 34, 364-382.	5.4	5
82	Is folic acid supplementation to food benefit or risk for human health?. <i>Pteridines</i> , 2013, 24, 165-181.	0.5	4
83	The Effect of Macrophage Migration Inhibitory Factor on Intestinal Permeability: FITC-Dextran Serum Measurement and Transmission Electron Microscopy. <i>Methods in Molecular Biology</i> , 2020, 2080, 193-201.	0.9	4
84	Folic Acid Effect on Arginase Activity in Human Colostrum and Mature Milk. <i>Pteridines</i> , 2012, 23, 33-38b.	0.5	3
85	Arginase Activity and Lecithin/Sphingomyelin (L/S) Ratio in the Amniotic Fluid of Pregnant Women. <i>Indian Journal of Clinical Biochemistry</i> , 2015, 30, 84-88.	1.9	3
86	Diagnostic Accuracy of Brain-derived Neurotrophic Factor and Nitric oxide in Patients with Schizophrenia. A pilot study/ Dijagnostička tačnost moždanog neurotrofičnog faktora i azot-monoksida kod obolelih od shizofrenije. Pilot studija. <i>Journal of Medical Biochemistry</i> , 2016, 35, 7-16.	1.7	3
87	Isolation and enrichment of mouse insulin-specific CD4 <sup>+</sup> T regulatory cells. <i>Journal of Immunological Methods</i> , 2019, 470, 46-54.	1.4	3
88	The Differences in the Cellular and Plasma Antioxidative Capacity Between Transient and Defined Focal Brain Ischemia: Does it Suggest Supporting Time-Dependent Neuroprotection Therapy?. <i>Cellular and Molecular Neurobiology</i> , 2016, 36, 789-800.	3.3	2
89	Protective effects of carbonyl iron against multiple low-dose streptozotocin-induced diabetes in rodents. <i>Journal of Cellular Physiology</i> , 2018, 233, 4990-5001.	4.1	2
90	Defective immunosuppressive function of Treg cells in visceral adipose tissue in MIF deficient mice. <i>Cytokine</i> , 2021, 138, 155372.	3.2	2

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91	Phenethyl ester of rosmarinic acid attenuates autoimmune responses during type 1 diabetes development in mice. <i>Life Sciences</i> , 2022, 288, 120184.	4.3	2
92	Troponins, heat shock proteins and glycogen phosphorylase BB in umbilical cord blood of complicated pregnancies. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2017, 30, 2978-2984.	1.5	1
93	Therapeutic potential of agmatine in the experimental autoimmune encephalomyelitis. <i>Vojnosanitetski Pregled</i> , 2021, 78, 834-843.	0.2	1
94	Deficiency of macrophage migration inhibitory factor (MIF) inhibits cytokine-induced IL-1 $\beta$ generation in murine pancreatic islet cells. <i>Archives of Biological Sciences</i> , 2013, 65, 9-15.	0.5	1
95	Salvianolic acid B: In vitro and in vivo effects on the immune system. <i>Archives of Biological Sciences</i> , 2017, 69, 658-663.	0.5	1
96	Nitric oxide as prediction factor of gingival inflammation in orthodontic patients. <i>Vojnosanitetski Pregled</i> , 2018, 75, 856-863.	0.2	1
97	Importance of a functional measure in the evaluation of patients in a memory clinic: Validation of the Serbian version of the Amsterdam instrumental activities of daily living questionnaire. <i>Clinical Neurology and Neurosurgery</i> , 2022, 214, 107165.	1.4	1
98	Altered arginine metabolism in colon cancer: A sign of increased proliferative potential of tumor-adjacent tissue. <i>Archives of Biological Sciences</i> , 2022, 74, 243-250.	0.5	1
99	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> , 2011, 63, 289-297.	0.5	0
100	In vitro dissection of anti-diabetic effects of compound a, a dissociating glucocorticoid receptor ligand. <i>Archives of Biological Sciences</i> , 2015, 67, 941-947.	0.5	0
101	The role of NUPR1 in lymphocyte proliferation and apoptosis. <i>Archives of Biological Sciences</i> , 2017, 69, 261-267.	0.5	0
102	Association of rs780094 and rs1260326 glucokinase regulatory protein gene polymorphisms with dyslipidemia in a group of Serbian acute ischemic stroke patients. <i>Archives of Biological Sciences</i> , 2022, 74, 41-47.	0.5	0