Stanislava D StoÅ¡iÄ-GrujiÄiÄ

List of Publications by Year
in descending order

119 papers	3,761 citations	109321 35 h-index	149698 56 g-index
121 all docs	121 docs citations	121 times ranked	4973 citing authors

#	Article	IF	Citations
1	Phytochemical profile of Rosmarinus officinalis and Salvia officinalis extracts and correlation to their antioxidant and anti-proliferative activity. Food Chemistry, 2013, 136, 120-129.	8.2	263
2	Inhibition of nitric oxide generation affects the induction of diabetes by streptozocin in mice. Biochemical and Biophysical Research Communications, 1991, 178, 913-920.	2.1	162
3	Effector Mechanisms in Low-Dose Streptozotocin-induced Diabetes. Autoimmunity, 1998, 6, 119-128.	0.6	130
4	Critical Role of Macrophage Migration Inhibitory Factor Activity in Experimental Autoimmune Diabetes. Endocrinology, 2005, 146, 2942-2951.	2.8	115
5	Interleukin-17 stimulates inducible nitric oxide synthase activation in rodent astrocytes. Journal of Neuroimmunology, 2001, 119, 183-191.	2.3	88
6	Anti-glioma action of aloe emodin: the role of ERK inhibition. Cellular and Molecular Life Sciences, 2005, 62, 589-598.	5.4	85
7	Mechanisms of modulation of experimental autoimmune encephalomyelitis by chronic Trichinella spiralis infection in Dark Agouti rats. Parasite Immunology, 2010, 32, 450-459.	1.5	84
8	Macrophage migration inhibitory factor stimulates interleukinâ€17 expression and production in lymph node cells. Immunology, 2009, 126, 74-83.	4.4	82
9	Interleukin-1 receptor antagonist suppresses experimental autoimmune encephalomyelitis (EAE) in rats by influencing the activation and proliferation of encephalitogenic cells. Journal of Neuroimmunology, 1998, 85, 87-95.	2.3	81
10	MIF in autoimmunity and novel therapeutic approaches. Autoimmunity Reviews, 2009, 8, 244-249.	5.8	81
11	Macrophage migration inhibitory factor (MIF) is necessary for progression of autoimmune diabetes mellitus. Journal of Cellular Physiology, 2008, 215, 665-675.	4.1	76
12	Trichinella spiralis: Modulation of experimental autoimmune encephalomyelitis in DA rats. Experimental Parasitology, 2008, 118, 641-647.	1.2	74
13	Modulation of Interleukin 1 production by activated macrophages: In Vitro action of hydrocortisone, colchicine, and cytochalasin B. Cellular Immunology, 1982, 69, 235-247.	3.0	73
14	Astrocyte-induced regulatory T cells mitigate CNS autoimmunity. Glia, 2004, 47, 168-179.	4.9	73
15	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. Molecular Cancer Therapeutics, 2008, 7, 510-520.	4.1	68
16	Anticancer Properties ofGanoderma LucidumMethanol Extracts In Vitro and In Vivo. Nutrition and Cancer, 2009, 61, 696-707.	2.0	67
17	Pharmacological application of carbon monoxide ameliorates islet-directed autoimmunity in mice via anti-inflammatory and anti-apoptotic effects. Diabetologia, 2014, 57, 980-990.	6.3	66
18	Interleukin-17 stimulates inducible nitric oxide synthase-dependent toxicity in mouse beta cells. Cellular and Molecular Life Sciences, 2005, 62, 2658-2668.	5.4	63

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19	Anti-tumor effect of Coriolus versicolor methanol extract against mouse B16 melanoma cells: In vitro and in vivo study. Food and Chemical Toxicology, 2008, 46, 1825-1833.	3.6	63
20	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. Clinical Immunology, 2007, 123, 311-323.	3.2	61
21	Methanolic extract ofOriganum vulgareameliorates type 1 diabetes through antioxidant, anti-inflammatory and anti-apoptotic activity. British Journal of Nutrition, 2015, 113, 770-782.	2.3	55
22	Induction of experimental autoimmune encephalomyelitis in Dark Agouti rats without adjuvant. Clinical and Experimental Immunology, 2004, 136, 49-55.	2.6	51
23	Galectinâ€3 deficiency protects pancreatic islet cells from cytokineâ€triggered apoptosis in vitro. Journal of Cellular Physiology, 2013, 228, 1568-1576.	4.1	50
24	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. Journal of Neuroscience Research, 2006, 84, 379-388.	2.9	49
25	Multiple antimelanoma potential of dry olive leaf extract. International Journal of Cancer, 2011, 128, 1955-1965.	5.1	48
26	Resistance to TRAIL and how to surmount it. Immunologic Research, 2012, 52, 157-168.	2.9	48
27	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. Cell Cycle, 2011, 10, 492-499.	2.6	47
28	Neutralization of macrophage migration inhibitory factorâ€”novel approach for the treatment of immunoinflammatory disorders. International Immunopharmacology, 2006, 6, 1527-1534.	3.8	44
29	Astrocytes stimulate interleukinâ€17 and interferonâ€Î³ production in vitro. Journal of Neuroscience Research, 2007, 85, 3598-3606.	2.9	44
30	Macrophage migration inhibitory factor deficiency protects pancreatic islets from palmitic acidâ€induced apoptosis. Immunology and Cell Biology, 2012, 90, 688-698.	2.3	40
31	STAT1 IS REQUIRED FOR iNOS ACTIVATION, BUT NOT IL-6 PRODUCTION IN MURINE FIBROBLASTS. Cytokine, 2001, 13, 179-182.	3.2	39
32	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
33	The antitumor properties of a nontoxic, nitric oxideâ€“modified version of saquinavir are independent of Akt. Molecular Cancer Therapeutics, 2009, 8, 1169-1178.	4.1	38
34	Cell-type dependent response of melanoma cells to aloe emodin. Food and Chemical Toxicology, 2012, 50, 3181-3189.	3.6	37
35	Time-course changes in ectonucleotidase activities during experimental autoimmune encephalomyelitis. Neurochemistry International, 2009, 55, 193-198.	3.8	36
36	The role of interleukin-17 in inducible nitric oxide synthase-mediated nitric oxide production in endothelial cells. Cellular and Molecular Life Sciences, 2003, 60, 518-525.	5.4	35

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37	Platinum(ii/iv) complexes containing ethylenediamine-N,Nâ€²-di-2/3-propionate ester ligands induced caspase-dependent apoptosis in cisplatin-resistant colon cancer cells. Metallomics, 2012, 4, 979.	2.4	35
38	Leflunomide inhibits activation of inducible nitric oxide synthase in rat astrocytes. Brain Research, 2001, 889, 331-338.	2.2	33
39	A Potent Immunomodulatory Compound, (S,R)-3-Phenyl-4,5-dihydro-5-isoxasole 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. Journal of Pharmacology and Experimental Therapeutics, 2007, 320, 1038-1049.	2.5	32
40	Macrophage migration inhibitory factor deficiency protects pancreatic islets from cytokine-induced apoptosis in vitro. Clinical and Experimental Immunology, 2012, 169, 156-163.	2.6	32
41	Cell-Specific Inhibition of Inducible Nitric Oxide Synthase Activation by Leflunomide. Cellular Immunology, 2000, 199, 73-80.	3.0	31
42	Cytotoxic and immune-sensitizing properties of nitric oxide-modified saquinavir in iNOS-positive human melanoma cells. Journal of Cellular Physiology, 2011, 226, 1803-1812.	4.1	30
43	Novel methylene modified cyclohexyl ethylenediamine-N,Nâ€²-diacetate ligands and their platinum(IV) complexes. Influence on biological activity. Journal of Inorganic Biochemistry, 2012, 109, 40-48.	3.5	29
44	Dried leaf extract ofOlea europaeaameliorates islet-directed autoimmunity in mice. British Journal of Nutrition, 2010, 103, 1413-1424.	2.3	28
45	Therapeutic Potential of Nitric Oxide-Modified Drugs in Colon Cancer Cells. Molecular Pharmacology, 2012, 82, 700-710.	2.3	28
46	Downregulation of apoptosis in the target tissue prevents low-dose streptozotocin-induced autoimmune diabetes. Molecular Immunology, 2002, 38, 941-946.	2.2	27
47	Ruthenium(II) p-cymene complex bearing 2,2â€²-dipyridylamine targets caspase 3 deficient MCF-7 breast cancer cells without disruption of antitumor immune response. Journal of Inorganic Biochemistry, 2015, 153, 315-321.	3.5	27
48	Impaired IL-17 Production in Gut-Residing Immune Cells of 5xFAD Mice with Alzheimerâ€™s Disease Pathology. Journal of Alzheimer's Disease, 2017, 61, 619-630.	2.6	27
49	Iron down-regulates macrophage anti-tumour activity by blocking nitric oxide production. Clinical and Experimental Immunology, 2004, 137, 109-116.	2.6	26
50	Novel nitric oxide-donating compound (S,R)-3-phenyl-4,5-dihydro-5-isoxazole acetic acidâ€“nitric oxide (GIT-27NO) induces p53 mediated apoptosis in human A375 melanoma cells. Nitric Oxide - Biology and Chemistry, 2008, 19, 177-183.	2.7	26
51	A role for macrophage migration inhibitory factor in protective immunity against Aspergillus fumigatus. Immunobiology, 2011, 216, 1018-1027.	1.9	26
52	Down-regulation of multiple low dose streptozotocin-induced diabetes by mycophenolate mofetil. Clinical and Experimental Immunology, 2002, 129, 214-223.	2.6	25
53	The NO-modified HIV protease inhibitor as a valuable drug for hematological malignancies: Role of p70S6K. Leukemia Research, 2015, 39, 1088-1095.	0.8	25
54	Ribavirin reduces clinical signs and pathological changes of experimental autoimmune encephalomyelitis in Dark Agouti rats. Journal of Neuroscience Research, 2003, 72, 268-278.	2.9	24

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55	Ribavirin ameliorates experimental autoimmune encephalomyelitis in rats and modulates cytokine production. International Immunopharmacology, 2008, 8, 1282-1290.	3.8	24
56	Immunosuppressive and anti-inflammatory action of antioxidants in rat autoimmune diabetes. Journal of Autoimmunity, 2004, 22, 267-276.	6.5	23
57	Pharmacological inhibition of MIF interferes with trophoblast cell migration and invasiveness. Placenta, 2015, 36, 150-159.	1.5	23
58	Mycophenolic acid inhibits activation of inducible nitric oxide synthase in rodent fibroblasts. Clinical and Experimental Immunology, 2003, 132, 239-246.	2.6	22
59	Retinoids differentially regulate the progression of autoimmune diabetes in three preclinical models in mice. Molecular Immunology, 2009, 47, 79-86.	2.2	22
60	Beta cell function: the role of macrophage migration inhibitory factor. Immunologic Research, 2012, 52, 81-88.	2.9	21
61	The critical role of macrophage migration inhibitory factor in insulin activity. Cytokine, 2014, 69, 39-46.	3.2	21
62	Leflunomide protects mice from multiple low dose streptozotocin (MLD-SZ)-induced insulitis and diabetes. Clinical and Experimental Immunology, 2001, 117, 44-50.	2.6	20
63	IMMUNOSUPPRESSANTS LEFLUNOMIDE AND MYCOPHENOLIC ACID INHIBIT FIBROBLAST IL-6 PRODUCTION BY DISTINCT MECHANISMS. Cytokine, 2002, 19, 181-186.	3.2	20
64	Pentoxifylline inhibits the synthesis and IFN-Î³-inducing activity of IL-18. Clinical and Experimental Immunology, 2001, 124, 274-281.	2.6	18
65	Unique antineoplastic profile of Saquinavir-NO, a novel NO-derivative of the protease inhibitor Saquinavir, on the in vitro and in vivo tumor formation of A375 human melanoma cells. Oncology Reports, 2012, 28, 682-688.	2.6	18
66	Restoration of impaired immune functions in aging animals. VI. Differential potentiating effect of 2-mercaptoethanol on young and old murine spleen cells. International Journal of Immunopharmacology, 1982, 4, 429-436.	1.1	17
67	Carbon Monoxideâ€“Releasing Moleculeâ€A1 Inhibits Th1/Th17 and Stimulates Th2 Differentiation In vitro. Scandinavian Journal of Immunology, 2014, 80, 95-100.	2.7	17
68	Anti-diabetic actions of carbon monoxide-releasing molecule (CORM)-A1: Immunomodulation and regeneration of islet beta cells. Immunology Letters, 2015, 165, 39-46.	2.5	17
69	Orally delivered all-trans-retinoic acid- and transforming growth factor-Î²-loaded microparticles ameliorate type 1 diabetes in mice. European Journal of Pharmacology, 2019, 864, 172721.	3.5	17
70	Down-regulation of experimental allergic encephalomyelitis in DA rats by tiazofurin. Journal of Neuroimmunology, 2002, 130, 66-77.	2.3	16
71	Compound A, a selective glucocorticoid receptor agonist, inhibits immunoinflammatory diabetes, induced by multiple low doses of streptozotocin in mice. British Journal of Pharmacology, 2014, 171, 5898-5909.	5.4	16
72	Differential regulation of nitric oxide production by increase of intracellular cAMP in murine primary fibroblasts and L929 fibrosarcoma cell line. Immunology Letters, 2000, 71, 149-155.	2.5	15

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73	The novel NO-donating compound GIT-27NO inhibits in vivo growth of human prostate cancer cells and prevents murine immunoinflammatory hepatitis. European Journal of Pharmacology, 2009, 615, 228-233.	3.5	15
74	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. Metallomics, 2012, 4, 1155.	2.4	15
75	The role of endogenous glucocorticoids in glucose metabolism and immune status of MIF-deficient mice. European Journal of Pharmacology, 2013, 714, 498-506.	3.5	15
76	Pentoxifylline Prevents Autoimmune Mediated Inflammation in Low Dose Streptozotocin Induced Diabetes. Autoimmunity, 2001, 8, 213-221.	0.6	14
77	T cells cooperate with palmitic acid in induction of beta cell apoptosis. BMC Immunology, 2009, 10, 29.	2.2	14
78	Saquinavir-NO-targeted S6 protein mediates sensitivity of androgen-dependent prostate cancer cells to TRAIL. Cell Cycle, 2012, 11, 1174-1182.	2.6	14
79	Differential mechanisms of resistance to sublethal systemic Aspergillus fumigatus infection in immunocompetent BALB/c and C57BL/6 mice. Immunobiology, 2011, 216, 234-242.	1.9	13
80	Ethyl Acetate Extract of Origanum vulgare L. ssp. hirtum Prevents Streptozotocinâ€Induced Diabetes in C57BL/6 Mice. Journal of Food Science, 2016, 81, H1846-53.	3.1	13
81	Modulation of in vitro T cell alloreactivity by synthetic retinoids. Immunopharmacology, 1994, 27, 87-92.	2.0	12
82	Pentoxifylline Potentiates Nitric Oxide Production and Growth Suppression in Interferon-Î³-Treated L929 Fibroblasts. Cellular Immunology, 1998, 184, 105-111.	3.0	11
83	Novel inhibitors of macrophage migration inhibitory factor prevent cytokine-induced beta cell death. European Journal of Pharmacology, 2014, 740, 683-689.	3.5	11
84	Modulatory effects of glucocorticoids on immunoregulatory functions of epidermal cells. International Journal of Immunopharmacology, 1987, 9, 577-585.	1.1	10
85	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. Free Radical Biology and Medicine, 2010, 48, 1090-1099.	2.9	10
86	Splenic and lung response to nonlethal systemicAspergillus fumigatusinfection in C57BL/6 mice. Medical Mycology, 2010, 48, 735-743.	0.7	10
87	Host immune defense against Aspergillus fumigatus: insight from experimental systemic (disseminated) infection. Immunologic Research, 2012, 52, 120-126.	2.9	10
88	Study of the anticancer properties of methyl- and phenyl-substituted carbon- and silicon-bridged ansa-titanocene complexes. Journal of Organometallic Chemistry, 2014, 751, 361-367.	1.8	10
89	Macrophage migration inhibitory factor (MIF) enhances palmitic acid- and glucose-induced murine beta cell dysfunction and destructionin vitro. Growth Factors, 2012, 30, 385-393.	1.7	9
90	Novel octahedral Pt(IV) complex with di-n-propyl-(S,S)-ethylenediamine-N,Nâ€²-di-2-(3-cyclohexyl)propanoato ligand exerts potent immunomodulatory effects. European Journal of Medicinal Chemistry, 2012, 47, 194-201.	5.5	9

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91	Saquinavir-NO inhibits S6 kinase activity, impairs secretion of the encephalytogenic cytokines interleukin-17 and interferon-gamma and ameliorates experimental autoimmune encephalomyelitis. Journal of Neuroimmunology, 2013, 259, 55-65.	2.3	9
92	Control of the of the final stage of immune-mediated diabetes by ISO-1, an antagonist of macrophage migration inhibitory factor. Archives of Biological Sciences, 2008, 60, 389-401.	0.5	9
93	Therapeutic effects of combined treatment with ribavirin and tiazofurin on experimental autoimmune encephalomyelitis development: Clinical and histopathological evaluation. Journal of the Neurological Sciences, 2008, 267, 76-85.	0.6	8
94	An unusual T-cell surface phenotype in vivo correlates with the failure to proliferate and produce IL-2 in vitro in a patient with common variable immunodeficiency. Clinical Immunology and Immunopathology, 1992, 65, 261-270.	2.0	7
95	Modulatory in vitro effects of interleukin-1 receptor antagonist (IL-1Ra) or antisense oligonucleotide to interleukin-1Î² converting enzyme (ICE) on acute myeloid leukaemia (AML) cell growth. International Journal of Laboratory Hematology, 1999, 21, 173-186.	0.2	7
96	Inhibition of autoimmune diabetes by mycophenolate mofetil is associated with down-regulation of TH1 cytokine-induced apoptosis in the target tissue. Transplantation Proceedings, 2002, 34, 2955-2957.	0.6	7
97	Differential strainâ€related tissue immune response to sublethal systemic Aspergillus fumigatus infection in mice. Apmis, 2013, 121, 211-220.	2.0	7
98	Apotransferrin inhibits interleukin-2 expression and protects mice from experimental autoimmune encephalomyelitis. Journal of Neuroimmunology, 2013, 262, 72-78.	2.3	7
99	In vitro effects of binuclear (Î· 6-p-cymene)ruthenium(II) complex containing bridging bis(nicotinate)-polyethylene glycol ester ligand on differentiation pathways of murine Th lymphocytes activated by T cell mitogen. Journal of Biological Inorganic Chemistry, 2015, 20, 575-583.	2.6	7
100	Macrophage migration inhibitory factor is an endogenous regulator of stress-induced extramedullary erythropoiesis. Histochemistry and Cell Biology, 2016, 146, 311-324.	1.7	7
101	The role of macrophage migration inhibitory factor in obesity-associated type 2 diabetes in mice. Archives of Biological Sciences, 2013, 65, 499-505.	0.5	7
102	The relevance of the migration inhibitory factor (MIF) for peripheral tissue response in murine sublethal systemicAspergillus fumigatusinfection. Medical Mycology, 2012, 50, 476-487.	0.7	6
103	The immunobiology of apotransferrin in type 1 diabetes. Clinical and Experimental Immunology, 2012, 169, 244-252.	2.6	6
104	Standardized bovine colostrum derivative impedes development of type 1 diabetes in rodents. Immunobiology, 2017, 222, 272-279.	1.9	6
105	MIF and insulin: Lifetime companions from common genesis to common pathogenesis. Cytokine, 2020, 125, 154792.	3.2	6
106	Constitutive production of regulators of stem cell proliferation in the hereditarily anaemic belgrade laboratory (b/b) rat. Comparative Haematology International, 1995, 5, 170-176.	0.5	5
107	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
108	The Inhibitory Effect of Human Macrophage Inflammatory Proteinâ€1Î± (LD78) on Acute Myeloid Leukemia Cells in Vitro. Stem Cells, 1996, 14, 445-451.	3.2	4

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109	Combination of Nucleoside Analogues Tiazofurin and Ribavirin Downregulates Experimental Autoimmune Encephalomyelitis. Annals of the New York Academy of Sciences, 2005, 1048, 392-395.	3.8	3
110	Saquinavirâ€<scp>NO</scp> Inhibits <scp>IL</scp>â€6 Production in Macrophages. Basic and Clinical Pharmacology and Toxicology, 2014, 115, 499-506.	2.5	3
111	In vitro effects of retinoid RO 10-9359 on lectin-induced activation and proliferation of T-lymphocytes. International Journal of Immunopharmacology, 1992, 14, 903-914.	1.1	2
112	Protective effects of carbonyl iron against multiple lowâ€dose streptozotocinâ€induced diabetes in rodents. Journal of Cellular Physiology, 2018, 233, 4990-5001.	4.1	2
113	Tumor cell-specific inhibition of inducible nitric oxide synthase activation by tiazofurin. International Immunopharmacology, 2001, 1, 795-802.	3.8	1
114	Deficiency of macrophage migration inhibitory factor (MIF) inhibits cytokine-induced IL-1Î² generation in murine pancreatic islet cells. Archives of Biological Sciences, 2013, 65, 9-15.	0.5	1
115	Therapeutic effect of nucleoside analogs on experimental autoimmune encephalomyelitis in dark agouti rats. Archives of Biological Sciences, 2006, 58, 13-20.	0.5	1
116	Prevention of experimental autoimmune diabetes in mice by treatment with leflunomide. Transplantation Proceedings, 1998, 30, 4132-4133.	0.6	0
117	(S,R)-3-Phenyl-4,5-dihydro-5-isoxazole acetic acidâ€“Nitric Oxide (GIT-27NO) â€“ New Dress for Nitric Oxide Mission. , 2010, , 443-457.		0
118	Dry olive leaf extract (DOLE) down-regulates the progression of experimental immune-mediated diabetes by modulation of cytokine profile in the draining lymph nodes. Archives of Biological Sciences, 2011, 63, 289-297.	0.5	0
119	In vitro dissection of anti-diabetic effects of compound a, a dissociating glucocorticoid receptor ligand. Archives of Biological Sciences, 2015, 67, 941-947.	0.5	0