

# Nemanja U Jovicic

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

2,678  
citations

279487

23  
h-index

189595

50  
g-index

62  
all docs

62  
docs citations

62  
times ranked

4129  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ethical and Safety Issues of Stem Cell-Based Therapy. <i>International Journal of Medical Sciences</i> , 2018, 15, 36-45.	1.1	507
2	Mesenchymal Stem Cell-Derived Exosomes and Other Extracellular Vesicles as New Remedies in the Therapy of Inflammatory Diseases. <i>Cells</i> , 2019, 8, 1605.	1.8	433
3	Molecular Mechanisms Responsible for Therapeutic Potential of Mesenchymal Stem Cell-Derived Secretome. <i>Cells</i> , 2019, 8, 467.	1.8	304
4	Mesenchymal Stem Cell-Based Therapy of Inflammatory Lung Diseases: Current Understanding and Future Perspectives. <i>Stem Cells International</i> , 2019, 2019, 1-14.	1.2	145
5	Mesenchymal stem cell-derived factors: Immuno-modulatory effects and therapeutic potential. <i>BioFactors</i> , 2017, 43, 633-644.	2.6	125
6	Stem Cells Therapy for Spinal Cord Injury. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1039.	1.8	84
7	Differential Immunometabolic Phenotype in Th1 and Th2 Dominant Mouse Strains in Response to High-Fat Feeding. <i>PLoS ONE</i> , 2015, 10, e0134089.	1.1	81
8	Galectin-3 Ablation Enhances Liver Steatosis, but Attenuates Inflammation and IL-33-Dependent Fibrosis in Obesogenic Mouse Model of Nonalcoholic Steatohepatitis. <i>Molecular Medicine</i> , 2015, 21, 453-465.	1.9	70
9	Therapeutic Use of Mesenchymal Stem Cell-Derived Exosomes: From Basic Science to Clinics. <i>Pharmaceutics</i> , 2020, 12, 474.	2.0	67
10	Mesenchymal stem cells attenuate liver fibrosis by suppressing Th17 cells - an experimental study. <i>Transplant International</i> , 2018, 31, 102-115.	0.8	66
11	Modulation of autophagy as new approach in mesenchymal stem cell-based therapy. <i>Biomedicine and Pharmacotherapy</i> , 2018, 104, 404-410.	2.5	50
12	Galectin-3 and IL-33/ST2 axis roles and interplay in diet-induced steatohepatitis. <i>World Journal of Gastroenterology</i> , 2016, 22, 9706.	1.4	47
13	Crosstalk between mesenchymal stem cells and T regulatory cells is crucially important for the attenuation of acute liver injury. <i>Liver Transplantation</i> , 2018, 24, 687-702.	1.3	45
14	Summer savory ( <i>Satureja hortensis</i> L.) extract: Phytochemical profile and modulation of cisplatin-induced liver, renal and testicular toxicity. <i>Food and Chemical Toxicology</i> , 2018, 118, 252-263.	1.8	43
15	Therapeutic Potential of Amniotic Fluid Derived Mesenchymal Stem Cells Based on their Differentiation Capacity and Immunomodulatory Properties. <i>Current Stem Cell Research and Therapy</i> , 2019, 14, 327-336.	0.6	38
16	Galectin 3 protects from cisplatin-induced acute kidney injury by promoting TLR-2-dependent activation of IDO1/Kynurenine pathway in renal DCs. <i>Theranostics</i> , 2019, 9, 5976-6001.	4.6	36
17	Intraperitoneal administration of mesenchymal stem cells ameliorates acute dextran sulfate sodium-induced colitis by suppressing dendritic cells. <i>Biomedicine and Pharmacotherapy</i> , 2018, 100, 426-432.	2.5	35
18	Galectin-3: Roles in Neurodevelopment, Neuroinflammation, and Behavior. <i>Biomolecules</i> , 2020, 10, 798.	1.8	33

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19	Mesenchymal Stem Cells Promote Metastasis of Lung Cancer Cells by Downregulating Systemic Antitumor Immune Response. <i>Stem Cells International</i> , 2017, 2017, 1-11.	1.2	32
20	Orally administered fluorescent nanosized polystyrene particles affect cell viability, hormonal and inflammatory profile, and behavior in treated mice. <i>Environmental Pollution</i> , 2022, 305, 119206.	3.7	32
21	Garlic Derived Diallyl Trisulfide in Experimental Metabolic Syndrome: Metabolic Effects and Cardioprotective Role. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9100.	1.8	30
22	Role of indoleamine 2,3-dioxygenase in pathology of the gastrointestinal tract. <i>Therapeutic Advances in Gastroenterology</i> , 2018, 11, 175628481881533.	1.4	27
23	Indoleamine 2,3-dioxygenase-dependent expansion of T-regulatory cells maintains mucosal healing in ulcerative colitis. <i>Therapeutic Advances in Gastroenterology</i> , 2018, 11, 175628481879355.	1.4	25
24	Mesenchymal Stem Cell: A Friend or Foe in Anti-Tumor Immunity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12429.	1.8	25
25	The role of galectin-3 in modulation of anxiety state level in mice. <i>Brain, Behavior, and Immunity</i> , 2019, 78, 177-187.	2.0	24
26	The cardioprotective effects of diallyl trisulfide on diabetic rats with ex vivo induced ischemia/reperfusion injury. <i>Molecular and Cellular Biochemistry</i> , 2019, 460, 151-164.	1.4	23
27	Antioxidant Effects of <i>Satureja hortensis</i> L. Attenuate the Anxiogenic Effect of Cisplatin in Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-15.	1.9	21
28	Mesenchymal Stem Cells Attenuate Cisplatin-Induced Nephrotoxicity in iNOS-Dependent Manner. <i>Stem Cells International</i> , 2017, 2017, 1-15.	1.2	19
29	IL-33 Prevents MLD-STZ Induction of Diabetes and Attenuate Insulinitis in Prediabetic NOD Mice. <i>Frontiers in Immunology</i> , 2018, 9, 2646.	2.2	18
30	N-Acetylcysteine Protects against the Anxiogenic Response to Cisplatin in Rats. <i>Biomolecules</i> , 2019, 9, 892.	1.8	18
31	Comparison of Hydroxyapatite/Poly(lactide-co-glycolide) and Hydroxyapatite/Polyethyleneimine Composite Scaffolds in Bone Regeneration of Swine Mandibular Critical Size Defects: In Vivo Study. <i>Molecules</i> , 2022, 27, 1694.	1.7	16
32	Morphological Characteristics of the Nasopalatine Canal and the Relationship with the Anterior Maxillary Bone – A Cone Beam Computed Tomography Study. <i>Diagnostics</i> , 2021, 11, 915.	1.3	15
33	Overexpression of Galectin 3 in Pancreatic $\beta^2$ Cells Amplifies $\beta^2$ -Cell Apoptosis and Islet Inflammation in Type-2 Diabetes in Mice. <i>Frontiers in Endocrinology</i> , 2020, 11, 30.	1.5	14
34	Galectin-3 deficiency enhances type 2 immune cell-mediated myocarditis in mice. <i>Immunologic Research</i> , 2018, 66, 491-502.	1.3	12
35	Exercise Attenuates Anabolic Steroids-Induced Anxiety via Hippocampal NPY and MC4 Receptor in Rats. <i>Frontiers in Neuroscience</i> , 2019, 13, 172.	1.4	12
36	ST2 Deletion Increases Inflammatory Bone Destruction in Experimentally Induced Periapical Lesions in Mice. <i>Journal of Endodontics</i> , 2015, 41, 369-375.	1.4	11

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37	The Impact of Hippocampal Sex Hormones Receptors in Modulation of Depressive-Like Behavior Following Chronic Anabolic Androgenic Steroids and Exercise Protocols in Rats. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 19.	1.0	11
38	Cisplatin and cisplatin analogues perfusion through isolated rat heart: the effects of acute application on oxidative stress biomarkers. <i>Molecular and Cellular Biochemistry</i> , 2018, 439, 19-33.	1.4	9
39	Dipeptidyl peptidase 4 inhibitors attenuate cardiac ischaemiaâ€“reperfusion injury in rats with diabetes mellitus type 2. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021, 48, 575-584.	0.9	8
40	The Effects of Potassium Cyanide on the Functional Recovery of Isolated Rat Hearts after Ischemia and Reperfusion: The Role of Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-10.	1.9	7
41	The Beneficial Role of Filipendula ulmaria Extract in Prevention of Prodepressant Effect and Cognitive Impairment Induced by Nanoparticles of Calcium Phosphates in Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-12.	1.9	7
42	Morphological and Morphometric Characteristics of Anterior Maxilla Accessory Canals and Relationship with Nasopalatine Canal Typeâ€“A CBCT Study. <i>Diagnostics</i> , 2021, 11, 1510.	1.3	7
43	The Shape of Nasopalatine Canal as a Determining Factor in Therapeutic Approach for Orthodontic Teeth Movementâ€“A CBCT Study. <i>Diagnostics</i> , 2021, 11, 2345.	1.3	7
44	Redox and apoptotic potential of novel ruthenium complexes in rat blood and heart. <i>Canadian Journal of Physiology and Pharmacology</i> , 2021, 99, 207-217.	0.7	6
45	Effects of Combined Allogenic Adipose Stem Cells and Hyperbaric Oxygenation Treatment on Pathogenesis of Osteoarthritis in Knee Joint Induced by Monoiodoacetate. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7695.	1.8	5
46	The Antioxidant Supplementation with Filipendula ulmaria Extract Attenuates the Systemic Adverse Effects of Nanosized Calcium Phosphates in Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-16.	1.9	4
47	The mineral content of the hard dental tissue of mesiodens. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2018, 162, 149-153.	0.2	4
48	Alteration of Oxidative stress and apoptotic markers alterations in the rat prefrontal cortex influence behavioral response induced by cisplatin and N-acetylcysteine in the tail suspension test. <i>Journal of Integrative Neuroscience</i> , 2021, 20, 711.	0.8	3
49	Periapical lesions in two inbred strains of rats differing in immunological reactivity. <i>International Endodontic Journal</i> , 2022, 55, 64-78.	2.3	3
50	Variable neuroprotective role of Filipendula ulmaria extract in rat hippocampus. <i>Journal of Integrative Neuroscience</i> , 2021, 20, 871-883.	0.8	3
51	Transgenic Overexpression of Galectin-3 in Pancreatic Î² Cells Attenuates Hyperglycemia in Mice: Synergistic Antidiabetic Effect With Exogenous IL-33. <i>Frontiers in Pharmacology</i> , 2021, 12, 714683.	1.6	2
52	Assessment of Maxillary Molars Interradicular Septum Morphological Characteristics as Criteria for Ideal Immediate Implant Placementâ€“The Advantages of Cone Beam Computed Tomography Analysis. <i>Diagnostics</i> , 2022, 12, 1010.	1.3	2
53	Criteria for the Classification of the Interradicular Septum Shape in Maxillary Molars with Clinical Importance for Prosthetic-Driven Immediate Implant Placement. <i>Diagnostics</i> , 2022, 12, 1432.	1.3	2
54	ST2 Deficiency Ameliorates High Fat Diet-Induced Liver Steatosis In BALB/c Mice. <i>Serbian Journal of Experimental and Clinical Research</i> , 2015, 16, 9-20.	0.2	1

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55	Galectin-3 Deletion Enhances Visceral Adipose Tissue Inflammation and Dysregulates Glucose Metabolism in Mice on a High-Fat Diet. Serbian Journal of Experimental and Clinical Research, 2016, 17, 231-240.	0.2	1
56	Interplay Between the Immunohistochemical Expression of P53 and the Proliferation Index in the Keratinocyte Tumors of the Skin. Serbian Journal of Experimental and Clinical Research, 2018, 19, 331-341.	0.2	1
57	Use of Mesenchymal Stem Cells in Inflammatory Bowel Disease. Stem Cells in Clinical Applications, 2019, , 125-138.	0.4	0
58	Modern view on the structure of the vascular extracellular matrix. Medicinski Casopis, 2015, 49, 13-19.	0.1	0
59	Tumor Necrosis Factor-Alpha as Differential Diagnostic Marker for Patients with Fever of Unknown Origin. Serbian Journal of Experimental and Clinical Research, 2019, 20, 33-38.	0.2	0
60	Antioxidant Supplementation with N-Acetylcysteine as a Protection Against Cisplatin-Induced Motor Impairment in Rats. Serbian Journal of Experimental and Clinical Research, 2020, .	0.2	0
61	Computational and experimental model of electroporation for human aorta. Acta of Bioengineering and Biomechanics, 2016, 18, 15-20.	0.2	0