

Vladislav Volarevic

List of Publications by Year in descending order

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102
papers

6,047
citations

70961

41
h-index

74018

75
g-index

104
all docs

104
docs citations

104
times ranked

8778
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-dimensional compounds containing bioactive ligands. Part XVII: Synthesis, structural, spectral and biological properties of hybrid organic-inorganic complexes based on $[PdCl_4]^{2-}$ with derivatives of 8-hydroxyquinolinium. <i>Journal of Inorganic Biochemistry</i> , 2022, 228, 111697.	1.5	4
2	Therapeutic Potential of Exosomes Derived from Adipose Tissue-Sourced Mesenchymal Stem Cells in the Treatment of Neural and Retinal Diseases. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4487.	1.8	18
3	Electronic Nicotine Delivery Systems Exhibit Lower Toxicity Compared to Cigarettes: "The Replica Study Experience". <i>FASEB Journal</i> , 2022, 36, .	0.2	0
4	"Derived Multiple Allogeneic Protein Paracrine Signaling (d-MAPPS)" Enhances T Cell-Driven Immune Response to Murine Mammary Carcinoma. <i>Analytical Cellular Pathology</i> , 2022, 2022, 1-10.	0.7	0
5	Galectin 3 (LGALS3) Gene Polymorphisms Are Associated with Biochemical Parameters and Primary Disease in Patients with End-Stage Renal Disease in Serbian Population. <i>Journal of Clinical Medicine</i> , 2022, 11, 3874.	1.0	1
6	Mesenchymal Stem Cell-Derived Exosomes as New Remedy for the Treatment of Neurocognitive Disorders. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1433.	1.8	38
7	The Cross-Talk between Mesenchymal Stem Cells and Immune Cells in Tissue Repair and Regeneration. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2472.	1.8	52
8	Molecular Mechanisms Responsible for Mesenchymal Stem Cell-Based Treatment of Viral Diseases. <i>Pathogens</i> , 2021, 10, 409.	1.2	9
9	Microbeam Radiotherapy "A Novel Therapeutic Approach to Overcome Radioresistance and Enhance Anti-Tumour Response in Melanoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7755.	1.8	18
10	Low-dimensional compounds containing bioactive ligands. Part XVI: Halogenated derivatives of 8-quinolinol N-oxides and their copper(II) complexes. <i>Journal of Molecular Structure</i> , 2021, 1246, 131144.	1.8	2
11	Apoptosis: A friend or foe in mesenchymal stem cell-based immunosuppression. <i>Advances in Protein Chemistry and Structural Biology</i> , 2021, 126, 39-62.	1.0	5
12	Mesenchymal Stem Cell: A Friend or Foe in Anti-Tumor Immunity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12429.	1.8	25
13	Electronic nicotine delivery systems exhibit reduced bronchial epithelial cells toxicity compared to cigarette: the Replica Project. <i>Scientific Reports</i> , 2021, 11, 24182.	1.6	19
14	Therapeutic Potential of "Derived-Multiple Allogeneic Proteins Paracrine Signaling-D-Mapps" in the Treatment of Dry Eye Disease. <i>Serbian Journal of Experimental and Clinical Research</i> , 2021, .	0.2	5
15	The effects of cigarette smoking and nicotine on the therapeutic potential of mesenchymal stem cells. <i>Histology and Histopathology</i> , 2021, , 18400.	0.5	1
16	The role of Interleukin 1 receptor antagonist in mesenchymal stem cell-based tissue repair and regeneration. <i>BioFactors</i> , 2020, 46, 263-275.	2.6	65
17	Therapeutic Potential of Mesenchymal Stem Cells and Their Secretome in the Treatment of SARS-CoV-2-Induced Acute Respiratory Distress Syndrome. <i>Analytical Cellular Pathology</i> , 2020, 2020, 1-11.	0.7	25
18	The Effects of Mesenchymal Stem Cells on Antimelanoma Immunity Depend on the Timing of Their Administration. <i>Stem Cells International</i> , 2020, 2020, 1-13.	1.2	10

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19	Therapeutic Use of Mesenchymal Stem Cell-Derived Exosomes: From Basic Science to Clinics. <i>Pharmaceutics</i> , 2020, 12, 474.	2.0	67
20	Low-dimensional compounds containing bioactive ligands. Part XIII: Square planar anti-cancer Pd(II) complexes with halogenderivatives of 8-quinolinol and dimethylamine. <i>Polyhedron</i> , 2020, 184, 114535.	1.0	5
21	Molecular and Cellular Mechanisms Responsible for Beneficial Effects of Mesenchymal Stem Cell-Derived Product "Exo-d-MAPPS" in Attenuation of Chronic Airway Inflammation. <i>Analytical Cellular Pathology</i> , 2020, 2020, 1-15.	0.7	38
22	Mesenchymal Stem Cells Attenuate Acute Liver Failure by Promoting Expansion of Regulatory T Cells in an Indoleamine 2,3-Dioxygenase-Dependent Manner. <i>Serbian Journal of Experimental and Clinical Research</i> , 2020, 21, 257-262.	0.2	0
23	Use of Mesenchymal Stem Cells in Inflammatory Bowel Disease. <i>Stem Cells in Clinical Applications</i> , 2019, , 125-138.	0.4	0
24	Galectin-3 Regulates Indoleamine-2,3-dioxygenase-Dependent Cross-Talk between Colon-Infiltrating Dendritic Cells and T Regulatory Cells and May Represent a Valuable Biomarker for Monitoring the Progression of Ulcerative Colitis. <i>Cells</i> , 2019, 8, 709.	1.8	16
25	Synchrotron Microbeam Radiation Therapy as a New Approach for the Treatment of Radioresistant Melanoma: Potential Underlying Mechanisms. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 105, 1126-1136.	0.4	36
26	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
27	Low-dimensional compounds containing bioactive ligands. Part XI: Synthesis, structures, spectra, in vitro anti-tumor and antimicrobial activities of 3d metal complexes with 8-hydroxyquinoline-5-sulfonic acid. <i>Inorganica Chimica Acta</i> , 2019, 497, 119062.	1.2	10
28	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
29	Molecular Mechanisms Responsible for Therapeutic Potential of Mesenchymal Stem Cell-Derived Secretome. <i>Cells</i> , 2019, 8, 467.	1.8	304
30	Molecular mechanisms of cisplatin-induced nephrotoxicity: a balance on the knife edge between renoprotection and tumor toxicity. <i>Journal of Biomedical Science</i> , 2019, 26, 25.	2.6	249
31	SDF-1/CXCR4 signalling is involved in blood vessel growth and remodelling by intussusception. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 3916-3926.	1.6	37
32	Therapeutic Potential of Mesenchymal Stem Cells and Their Secretome in the Treatment of Glaucoma. <i>Stem Cells International</i> , 2019, 2019, 1-11.	1.2	57
33	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
34	Mesenchymal stem cell-based therapy of osteoarthritis: Current knowledge and future perspectives. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 2318-2326.	2.5	216
35	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
36	Therapeutic Potential of "Exosomes Derived Multiple Allogeneic Proteins Paracrine Signaling: Exosomes d-MAPPS" is Based on the Effects of Exosomes, Immunosuppressive and Trophic Factors. <i>Serbian Journal of Experimental and Clinical Research</i> , 2019, 20, 189-197.	0.2	17

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37	Exo-D-MAPPS Attenuates Production of Inflammatory Cytokines and Promoted Generation of Immunosuppressive Phenotype in Peripheral Blood Mononuclear Cells. Serbian Journal of Experimental and Clinical Research, 2019, .	0.2	4
38	Intraperitoneal administration of mesenchymal stem cells ameliorates acute dextran sulfate sodium-induced colitis by suppressing dendritic cells. Biomedicine and Pharmacotherapy, 2018, 100, 426-432.	2.5	35
39	Crosstalk between mesenchymal stem cells and T regulatory cells is crucially important for the attenuation of acute liver injury. Liver Transplantation, 2018, 24, 687-702.	1.3	45
40	Molecular mechanisms underlying therapeutic potential of pericytes. Journal of Biomedical Science, 2018, 25, 21.	2.6	82
41	Mesenchymal stem cells protect from acute liver injury by attenuating hepatotoxicity of liver natural killer T cells in an inducible nitric oxide synthase- and indoleamine 2,3-dioxygenase-dependent manner. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, e1173-e1185.	1.3	53
42	Molecular and Cellular Mechanisms Involved in Mesenchymal Stem Cell-Based Therapy of Inflammatory Bowel Diseases. Stem Cell Reviews and Reports, 2018, 14, 153-165.	5.6	51
43	Mesenchymal stem cells attenuate liver fibrosis by suppressing Th17 cells - an experimental study. Transplant International, 2018, 31, 102-115.	0.8	66
44	Molecular Mechanisms Responsible for Anti-inflammatory and Immunosuppressive Effects of Mesenchymal Stem Cell-Derived Factors. Advances in Experimental Medicine and Biology, 2018, 1084, 187-206.	0.8	75
45	Role of indoleamine 2,3-dioxygenase in pathology of the gastrointestinal tract. Therapeutic Advances in Gastroenterology, 2018, 11, 175628481881533.	1.4	27
46	Newly Synthesized Heteronuclear Ruthenium(II)/Ferrocene Complexes Suppress the Growth of Mammary Carcinoma in 4T1-Treated BALB/c Mice by Promoting Activation of Antitumor Immunity. Organometallics, 2018, 37, 4250-4266.	1.1	24
47	The Role of Autophagy in Mesenchymal Stem Cell-Based Suppression of Immune Response. Pancreatic Islet Biology, 2018, , 119-133.	0.1	0
48	Indoleamine 2,3-dioxygenase-dependent expansion of T-regulatory cells maintains mucosal healing in ulcerative colitis. Therapeutic Advances in Gastroenterology, 2018, 11, 175628481879355.	1.4	25
49	Therapeutic Potential of Mesenchymal Stem Cell-Derived Exosomes in the Treatment of Eye Diseases. Advances in Experimental Medicine and Biology, 2018, 1089, 47-57.	0.8	71
50	Modulation of autophagy as new approach in mesenchymal stem cell-based therapy. Biomedicine and Pharmacotherapy, 2018, 104, 404-410.	2.5	50
51	Risks of Using Sterilization by Gamma Radiation: The Other Side of the Coin. International Journal of Medical Sciences, 2018, 15, 274-279.	1.1	113
52	Stem Cells Therapy for Spinal Cord Injury. International Journal of Molecular Sciences, 2018, 19, 1039.	1.8	84
53	Ethical and Safety Issues of Stem Cell-Based Therapy. International Journal of Medical Sciences, 2018, 15, 36-45.	1.1	507
54	In vitro and in vivo anti-tumor effects of selected platinum(IV) and dinuclear platinum(II) complexes against lung cancer cells. Journal of Biological Inorganic Chemistry, 2017, 22, 807-817.	1.1	19

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55	Mesenchymal stem cells attenuate acute liver injury by altering ratio between interleukin 17 producing and regulatory natural killer T cells. <i>Liver Transplantation</i> , 2017, 23, 1040-1050.	1.3	66
56	Mesenchymal stem cell-derived factors: Immunomodulatory effects and therapeutic potential. <i>BioFactors</i> , 2017, 43, 633-644.	2.6	125
57	Low-dimensional compounds containing bioactive ligands. Part IX: Synthesis, structures, spectra, in vitro antimicrobial and anti-tumor activities and DNA binding of Pd(II) complexes with 7-bromo-quinolin-8-ol. <i>Polyhedron</i> , 2017, 135, 195-205.	1.0	10
58	Mesenchymal Stem Cells Attenuate Cisplatin-Induced Nephrotoxicity in iNOS-Dependent Manner. <i>Stem Cells International</i> , 2017, 2017, 1-15.	1.2	19
59	Mesenchymal Stem Cell-Dependent Modulation of Liver Diseases. <i>International Journal of Biological Sciences</i> , 2017, 13, 1109-1117.	2.6	62
60	Stem Cell-Based Therapy in Transplantation and Immune-Mediated Diseases. <i>Stem Cells International</i> , 2017, 2017, 1-3.	1.2	4
61	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
62	Mesenchymal Stem Cells as New Therapeutic Agents for the Treatment of Primary Biliary Cholangitis. <i>Analytical Cellular Pathology</i> , 2017, 2017, 1-9.	0.7	12
63	Stem Cells and Labeling for Spinal Cord Injury. <i>International Journal of Molecular Sciences</i> , 2017, 18, 6.	1.8	31
64	Bacterial Flora Play Important Roles in Acute Dextran Sulphate Sodium-Induced Colitis But Are Not Involved in Gal-3 Dependent Modulation of Colon Inflammation. <i>Serbian Journal of Experimental and Clinical Research</i> , 2017, 18, 213-220.	0.2	0
65	Pharmacological Inhibition of Gal-3 in Mesenchymal Stem Cells Enhances Their Capacity to Promote Alternative Activation of Macrophages in Dextran Sulphate Sodium-Induced Colitis. <i>Stem Cells International</i> , 2016, 2016, 1-12.	1.2	32
66	Primordial Germ Cells: Current Knowledge and Perspectives. <i>Stem Cells International</i> , 2016, 2016, 1-8.	1.2	66
67	Stem Cells, Inflammation, and Fibrosis. <i>Stem Cells International</i> , 2016, 2016, 1-2.	1.2	1
68	Galectin-3 Plays an Important Pro-inflammatory Role in the Induction Phase of Acute Colitis by Promoting Activation of NLRP3 Inflammasome and Production of IL-1 β in Macrophages. <i>Journal of Crohn's and Colitis</i> , 2016, 10, 593-606.	0.6	87
69	Low-dimensional compounds containing bioactive ligands. Part VI: Synthesis, structures, in vitro DNA binding, antimicrobial and anticancer properties of first row transition metal complexes with 5-chloro-quinolin-8-ol. <i>Journal of Inorganic Biochemistry</i> , 2016, 154, 67-77.	1.5	49
70	Aging of Stem and Progenitor Cells: Mechanisms, Impact on Therapeutic Potential, and Rejuvenation. <i>Rejuvenation Research</i> , 2016, 19, 3-12.	0.9	31
71	Stem Cells: New Hope For Spinal Cord Injury. <i>Serbian Journal of Experimental and Clinical Research</i> , 2015, 16, 3-8.	0.2	0
72	Gal-3 regulates the capacity of dendritic cells to promote NKT cell-induced liver injury. <i>European Journal of Immunology</i> , 2015, 45, 531-543.	1.6	41

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73	Cytotoxicity of palladium(II) complexes with some alkyl derivatives of thiosalicylic acid. Crystal structure of the bis(S-butyl-thiosalicylate)palladium(II) complex, [Pd(S-bu-thiosal) ₂]. Polyhedron, 2015, 90, 34-40.	1.0	6
74	Mesenchymal Stem Cells: A Friend or Foe in Immune-Mediated Diseases. Stem Cell Reviews and Reports, 2015, 11, 280-287.	5.6	174
75	Metformin aggravates immune-mediated liver injury in mice. Archives of Toxicology, 2015, 89, 437-450.	1.9	34
76	Stem Cells as New Agents for the Treatment of Infertility: Current and Future Perspectives and Challenges. BioMed Research International, 2014, 2014, 1-8.	0.9	83
77	The Role of Autophagy in Immunity and Autoimmune Diseases / Uloga Autofagije U Imunskom Odgovoru I Autoimunskim Bolestima. Serbian Journal of Experimental and Clinical Research, 2014, 15, 223-229.	0.2	0
78	Large Graphene Quantum Dots Alleviate Immune-Mediated Liver Damage. ACS Nano, 2014, 8, 12098-12109.	7.3	82
79	Concise Review: Therapeutic Potential of Mesenchymal Stem Cells for the Treatment of Acute Liver Failure and Cirrhosis. Stem Cells, 2014, 32, 2818-2823.	1.4	175
80	Dental stem cells--characteristics and potential. Histology and Histopathology, 2014, 29, 699-706.	0.5	46
81	Human mesenchymal stem cells creating an immunosuppressive environment and promote breast cancer in mice. Scientific Reports, 2013, 3, 2298.	1.6	88
82	Mesenchymal Stem Cells for Diabetes and Related Complications. , 2013, , 207-227.		4
83	Stereospecific ligands and their complexes. Part XV. Synthesis, characterization and cytotoxicity of novel platinum(IV) complexes with some esters of ethylenediamine-N,N'-di-S-,S-(2,2'-dibenzyl)acetic acid. Crystal structure of O,O'-dipropyl-ethylenediamine-N,N'-di-S-,S-(2,2'-dibenzyl)acetate dihydrochloride. Inorganica Chimica Acta, 2013, 402, 83-89.		5
84	Stem Cell-Based Therapy for Spinal Cord Injury. Cell Transplantation, 2013, 22, 1309-1323.	1.2	47
85	Cytotoxicity of gold(III) Complexes on A549 Human Lung Carcinoma Epithelial Cell Line. Medicinal Chemistry, 2012, 8, 2-8.	0.7	32
86	Autoimmune Disorders in Galectin-3 Deficient Mice. ACS Symposium Series, 2012, , 359-376.	0.5	1
87	Protective role of IL-33/ST2 axis in Con A-induced hepatitis. Journal of Hepatology, 2012, 56, 26-33.	1.8	130
88	Continuous controllable balloon dilation: a novel approach for cervix dilation. Trials, 2012, 13, 196.	0.7	6
89	Cytotoxic Effects of Glass Ionomer Cements on Human Dental Pulp Stem Cells Correlate with Fluoride Release. Medicinal Chemistry, 2012, 8, 40-45.	0.7	53
90	Galectin-3 deficiency prevents concanavalin A-induced hepatitis in mice. Hepatology, 2012, 55, 1954-1964.	3.6	93

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91	Cytotoxic properties of platinum(IV) and dinuclear platinum(II) complexes and their ligand substitution reactions with guanosine-5â€™-monophosphate. <i>Transition Metal Chemistry</i> , 2012, 37, 481-488.	0.7	16
92	IL-33/ST2 axis in inflammation and immunopathology. <i>Immunologic Research</i> , 2012, 52, 89-99.	1.3	230
93	The roles of Galectin-3 in autoimmunity and tumor progression. <i>Immunologic Research</i> , 2012, 52, 100-110.	1.3	111
94	Stereospecific ligands and their complexes. Part X: Synthesis, characterization and in vitro antitumoral activity of platinum(IV) complexes with O,Oâ€™-dialkyl-(S,S)-ethylenediamine-N,Nâ€™-di-2-(4-methyl)pentanoate ligands. <i>Inorganica Chimica Acta</i> , 2012, 390, 123-128.	1.2	9
95	Deletion of IL-33R (ST2) Abrogates Resistance to EAE in BALB/C Mice by Enhancing Polarization of APC to Inflammatory Phenotype. <i>PLoS ONE</i> , 2012, 7, e45225.	1.1	65
96	Human stem cell research and regenerative medicine--present and future. <i>British Medical Bulletin</i> , 2011, 99, 155-168.	2.7	93
97	Stereospecific ligands and their complexes. Part VII. Synthesis, characterization and in vitro antitumoral activity of platinum(II) complexes with O,Oâ€™-dialkyl esters of (S,S)-ethylenediamine-N,Nâ€™-di-2-(4-methyl)pentanoic acid. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 4559-4565.	2.6	22
98	Concise Review: Mesenchymal Stem Cell Treatment of the Complications of Diabetes Mellitus. <i>Stem Cells</i> , 2011, 29, 5-10.	1.4	215
99	Fluoride release from glass ionomer cements correlates with the necrotic death of human dental pulp stem cells. <i>Serbian Journal of Experimental and Clinical Research</i> , 2011, 12, 67-70.	0.2	2
100	Palladium(II) complexes with R2edda derived ligands. Part IV. O,Oâ€™-dialkyl esters of (S,S)-ethylenediamine-N,Nâ€™-di-2-(4-methyl)-pentanoic acid dihydrochloride and their palladium(II) complexes: Synthesis, characterization and in vitro antitumoral activity against chronic lymphocytic leukemia (CLL) cells. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 3601-3606.	2.6	31
101	Ligand substitution reactions and cytotoxic properties of [Au(L)Cl ₂] ⁺ and [AuCl ₂ (DMSO) ₂] ⁺ complexes (L=ethylenediamine and S-methyl-L-cysteine). <i>Journal of Inorganic Biochemistry</i> , 2010, 104, 944-949.	1.5	37
102	Interleukin-1 receptor antagonist (IL-1Ra) and IL-1Ra producing mesenchymal stem cells as modulators of diabetogenesis. <i>Autoimmunity</i> , 2010, 43, 255-263.	1.2	157