

# Albert Rizvanov

## List of Publications by Year in descending order

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385  
papers

6,976  
citations

61984

43  
h-index

128289

60  
g-index

410  
all docs

410  
docs citations

410  
times ranked

10317  
citing authors

#	ARTICLE	IF	CITATIONS
1	World Health Organization Report: Current Crisis of Antibiotic Resistance. <i>BioNanoScience</i> , 2019, 9, 778-788.	3.5	235
2	Application of Mesenchymal Stem Cells for Therapeutic Agent Delivery in Anti-tumor Treatment. <i>Frontiers in Pharmacology</i> , 2018, 9, 259.	3.5	128
3	Elevated Levels of Proinflammatory Cytokines in Cerebrospinal Fluid of Multiple Sclerosis Patients. <i>Frontiers in Immunology</i> , 2017, 8, 531.	4.8	121
4	Epidemiology and Risk Factors of Osteosarcoma. <i>Cancer Investigation</i> , 2020, 38, 259-269.	1.3	116
5	Gene Expression Profiling of H9c2 Myoblast Differentiation towards a Cardiac-Like Phenotype. <i>PLoS ONE</i> , 2015, 10, e0129303.	2.5	114
6	Isolation and characterization of stem cells derived from human third molar tooth germs of young adults: implications in neo-vascularization, osteo-, adipo- and neurogenesis. <i>Pharmacogenomics Journal</i> , 2010, 10, 105-113.	2.0	112
7	Therapeutic Prospects of Extracellular Vesicles in Cancer Treatment. <i>Frontiers in Immunology</i> , 2018, 9, 1534.	4.8	93
8	Cell Culture Based in vitro Test Systems for Anticancer Drug Screening. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 322.	4.1	89
9	Therapeutic Application of Mesenchymal Stem Cells Derived Extracellular Vesicles for Immunomodulation. <i>Frontiers in Immunology</i> , 2019, 10, 2663.	4.8	87
10	Induction of pluripotency in human endothelial cells resets epigenetic profile on genome scale. <i>Cell Cycle</i> , 2010, 9, 937-946.	2.6	80
11	Coronary Artery Bypass Surgery Provokes Alzheimer's Disease-Like Changes in the Cerebrospinal Fluid. <i>Journal of Alzheimer's Disease</i> , 2010, 21, 1153-1164.	2.6	78
12	<i>MicroRNA-142</i> is a multifaceted regulator in organogenesis, homeostasis, and disease. <i>Developmental Dynamics</i> , 2017, 246, 285-290.	1.8	72
13	Promising Applications of Tumor Spheroids and Organoids for Personalized Medicine. <i>Cancers</i> , 2020, 12, 2727.	3.7	72
14	Therapeutic Potential of Extracellular Vesicles for the Treatment of Nerve Disorders. <i>Frontiers in Neuroscience</i> , 2019, 13, 163.	2.8	71
15	Different Approaches to Modulation of Microglia Phenotypes After Spinal Cord Injury. <i>Frontiers in Systems Neuroscience</i> , 2019, 13, 37.	2.5	70
16	New Approaches to Tay-Sachs Disease Therapy. <i>Frontiers in Physiology</i> , 2018, 9, 1663.	2.8	68
17	Molecular Aspects and Future Perspectives of Cytokine-Based Anti-cancer Immunotherapy. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 402.	3.7	67
18	Role of Viruses in the Pathogenesis of Multiple Sclerosis. <i>Viruses</i> , 2020, 12, 643.	3.3	66

#	ARTICLE	IF	CITATIONS
19	Extracellular vesicles in the diagnosis and treatment of central nervous system diseases. <i>Neural Regeneration Research</i> , 2020, 15, 586.	3.0	65
20	Mesenchymal stem cells and the neuronal microenvironment in the area of spinal cord injury. <i>Neural Regeneration Research</i> , 2019, 14, 227.	3.0	64
21	Effect of Dental Materials Calcium Hydroxide-containing Cement, Mineral Trioxide Aggregate, and Enamel Matrix Derivative on Proliferation and Differentiation of Human Tooth Germ Stem Cells. <i>Journal of Endodontics</i> , 2011, 37, 650-656.	3.1	62
22	Hantaviral Proteins: Structure, Functions, and Role in Hantavirus Infection. <i>Frontiers in Microbiology</i> , 2015, 6, 1326.	3.5	62
23	Mouse Tumor Models for Advanced Cancer Immunotherapy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4118.	4.1	62
24	MicroRNA Post-transcriptional Regulation of the NLRP3 Inflammasome in Immunopathologies. <i>Frontiers in Pharmacology</i> , 2019, 10, 451.	3.5	61
25	Application of CAR-T Cell Therapy beyond Oncology: Autoimmune Diseases and Viral Infections. <i>Biomedicines</i> , 2021, 9, 59.	3.2	60
26	Cytokine expression provides clues to the pathophysiology of Gulf War illness and myalgic encephalomyelitis. <i>Cytokine</i> , 2015, 72, 1-8.	3.2	57
27	Berberine-induced cardioprotection and Sirt3 modulation in doxorubicin-treated H9c2 cardiomyoblasts. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 2904-2923.	3.8	57
28	Adoptive Immunotherapy beyond CAR T-Cells. <i>Cancers</i> , 2021, 13, 743.	3.7	57
29	Genome-wide association analysis identifies genetic variations in subjects with myalgic encephalomyelitis/chronic fatigue syndrome. <i>Translational Psychiatry</i> , 2016, 6, e730-e730.	4.8	56
30	Metachromatic Leukodystrophy: Diagnosis, Modeling, and Treatment Approaches. <i>Frontiers in Medicine</i> , 2020, 7, 576221.	2.6	56
31	Metadherin: A Therapeutic Target in Multiple Cancers. <i>Frontiers in Oncology</i> , 2019, 9, 349.	2.8	55
32	Human umbilical cord blood cells transfected with VEGF and L1CAM do not differentiate into neurons but transform into vascular endothelial cells and secrete neuro-trophic factors to support neuro-genesis—a novel approach in stem cell therapy. <i>Neurochemistry International</i> , 2008, 53, 389-394.	3.8	54
33	Mitochondria Donation by Mesenchymal Stem Cells: Current Understanding and Mitochondria Transplantation Strategies. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 653322.	3.7	54
34	Virulence Factors and Antibiotic Resistance of <i>Klebsiella pneumoniae</i> Strains Isolated From Neonates With Sepsis. <i>Frontiers in Medicine</i> , 2018, 5, 225.	2.6	53
35	Andes virus stimulates interferon-inducible MxA protein expression in endothelial cells. <i>Journal of Medical Virology</i> , 2005, 75, 267-275.	5.0	51
36	Systemic and Local Cytokine Profile following Spinal Cord Injury in Rats: A Multiplex Analysis. <i>Frontiers in Neurology</i> , 2017, 8, 581.	2.4	51

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37	Yellow fever virus strains Asibi and 17D-204 infect human umbilical cord endothelial cells and induce novel changes in gene expression. <i>Virology</i> , 2005, 342, 167-176.	2.4	50
38	Adipose-Derived Mesenchymal Stem Cell Application Combined With Fibrin Matrix Promotes Structural and Functional Recovery Following Spinal Cord Injury in Rats. <i>Frontiers in Pharmacology</i> , 2018, 9, 343.	3.5	50
39	Advancing CAR T-Cell Therapy for Solid Tumors: Lessons Learned from Lymphoma Treatment. <i>Cancers</i> , 2020, 12, 125.	3.7	50
40	Comparison and Optimisation of Transfection of Human Dental Follicle Cells, a Novel Source of Stem Cells, with Different Chemical Methods and Electro-poration. <i>Neurochemical Research</i> , 2009, 34, 1272-1277.	3.3	48
41	Origin and characterization of alpha smooth muscle actin-positive cells during murine lung development. <i>Stem Cells</i> , 2017, 35, 1566-1578.	3.2	48
42	Potential Role of Dental Stem Cells in the Cellular Therapy of Cerebral Ischemia. <i>Current Pharmaceutical Design</i> , 2009, 15, 3908-3916.	1.9	47
43	Cyclin A1 and P450 Aromatase Promote Metastatic Homing and Growth of Stem-like Prostate Cancer Cells in the Bone Marrow. <i>Cancer Research</i> , 2016, 76, 2453-2464.	0.9	47
44	Serum Cytokine Profiles Differentiating Hemorrhagic Fever with Renal Syndrome and Hantavirus Pulmonary Syndrome. <i>Frontiers in Immunology</i> , 2017, 8, 567.	4.8	45
45	Plasmacytoid dendritic cells, a role in neoplastic prevention and progression. <i>European Journal of Clinical Investigation</i> , 2015, 45, 1-8.	3.4	44
46	Human Tooth Germ Stem Cells Preserve Neuro-Protective Effects after Long-Term Cryo-Preservation. <i>Current Neurovascular Research</i> , 2010, 7, 49-58.	1.1	43
47	Differentiation of human stem cells is promoted by amphiphilic pluronic block copolymers. <i>International Journal of Nanomedicine</i> , 2012, 7, 4849.	6.7	43
48	Current Trends in Regenerative Medicine: From Cell to Cell-Free Therapy. <i>BioNanoScience</i> , 2017, 7, 240-245.	3.5	43
49	Comparative Assessment of Cytokine Pattern in Early and Late Onset of Neonatal Sepsis. <i>Journal of Immunology Research</i> , 2017, 2017, 1-8.	2.2	43
50	Urine-Derived Stem Cells: Applications in Regenerative and Predictive Medicine. <i>Cells</i> , 2020, 9, 573.	4.1	43
51	Genetically modified human umbilical cord blood cells expressing vascular endothelial growth factor and fibroblast growth factor 2 differentiate into glial cells after transplantation into amyotrophic lateral sclerosis transgenic mice. <i>Experimental Biology and Medicine</i> , 2011, 236, 91-98.	2.4	42
52	Adipose-Derived Mesenchymal Stem Cells Applied in Fibrin Glue Stimulate Peripheral Nerve Regeneration. <i>Frontiers in Medicine</i> , 2019, 6, 68.	2.6	42
53	The Interaction between Viral and Environmental Risk Factors in the Pathogenesis of Multiple Sclerosis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 303.	4.1	42
54	Isatin-Schiff base-copper (II) complex induces cell death in p53-positive tumors. <i>Cell Death Discovery</i> , 2018, 4, 103.	4.7	41

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55	Multiplex Analysis of Serum Cytokines in Humans with Hantavirus Pulmonary Syndrome. <i>Frontiers in Immunology</i> , 2015, 6, 432.	4.8	40
56	Symptomatic Improvement, Increased Life-Span and Sustained Cell Homing in Amyotrophic Lateral Sclerosis After Transplantation of Human Umbilical Cord Blood Cells Genetically Modified with Adeno-Viral Vectors Expressing a Neuro-Protective Factor and a Neural Cell Adhesion Molecule. <i>Current Gene Therapy</i> , 2015, 15, 266-276.	2.0	40
57	A new hope for obesity management: Boron inhibits adipogenesis in progenitor cells through the Wnt/ $\beta$ -catenin pathway. <i>Metabolism: Clinical and Experimental</i> , 2017, 69, 130-142.	3.4	39
58	Recent Advances in Experimental Dendritic Cell Vaccines for Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 730824.	2.8	39
59	Mesenchymal Stem Cell Therapy for Spinal Cord Contusion: A Comparative Study on Small and Large Animal Models. <i>Biomolecules</i> , 2019, 9, 811.	4.0	38
60	Regulation of Cellular Gene Expression in Endothelial Cells by Sin Nombre and Prospect Hill Viruses. <i>Viral Immunology</i> , 2004, 17, 234-251.	1.3	37
61	Cytochalasin B-induced membrane vesicles convey angiogenic activity of parental cells. <i>Oncotarget</i> , 2017, 8, 70496-70507.	1.8	35
62	Interactions and trafficking of Andes and Sin Nombre Hantavirus glycoproteins G1 and G2. <i>Virology</i> , 2005, 331, 307-315.	2.4	34
63	Determination of Metabolic Viability and Cell Mass Using a Tandem Resazurin/Sulforhodamine B Assay. <i>Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al ]</i> , 2016, 68, 2.24.1-2.24.15.	1.1	34
64	Current Trends in Cancer Immunotherapy. <i>Biomedicines</i> , 2020, 8, 621.	3.2	34
65	Immunosuppressive properties of cytochalasin B-induced membrane vesicles of mesenchymal stem cells: comparing with extracellular vesicles derived from mesenchymal stem cells. <i>Scientific Reports</i> , 2020, 10, 10740.	3.3	34
66	Proteomic Analysis of Human Serum from Patients with Chronic Kidney Disease. <i>Biomolecules</i> , 2020, 10, 257.	4.0	34
67	Cytokine Storm Combined with Humoral Immune Response Defect in Fatal Hemorrhagic Fever with Renal Syndrome Case, Tatarstan, Russia. <i>Viruses</i> , 2019, 11, 601.	3.3	33
68	Activation of P2X7 Receptors in Peritoneal and Meningeal Mast Cells Detected by Uptake of Organic Dyes: Possible Purinergic Triggers of Neuroinflammation in Meninges. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 45.	3.7	32
69	Human adipose-derived stem cells stimulate neuroregeneration. <i>Clinical and Experimental Medicine</i> , 2016, 16, 451-461.	3.6	31
70	Hippocampal asymmetry: differences in the left and right hippocampus proteome in the rat model of temporal lobe epilepsy. <i>Journal of Proteomics</i> , 2017, 154, 22-29.	2.4	31
71	Interfacial uploading of luminescent hexamolybdenum cluster units onto amino-decorated silica nanoparticles as new design of nanomaterial for cellular imaging and photodynamic therapy. <i>Journal of Colloid and Interface Science</i> , 2019, 538, 387-396.	9.4	31
72	Therapeutic Editing of the TP53 Gene: Is CRISPR/Cas9 an Option?. <i>Genes</i> , 2020, 11, 704.	2.4	31

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73	Characterization of the secretome of human tooth germ stem cells (hTGSCs) reveals neuro-protection by fine-tuning micro-environment. <i>Brain, Behavior, and Immunity</i> , 2013, 32, 122-130.	4.1	30
74	Assessment of Influences of Stenoses in Right Carotid Artery on Left Carotid Artery Using Wall Stress Marker. <i>BioMed Research International</i> , 2017, 2017, 1-13.	1.9	30
75	Production and Application of Multicistronic Constructs for Various Human Disease Therapies. <i>Pharmaceutics</i> , 2019, 11, 580.	4.5	30
76	Key Players in the Mutant p53 Team: Small Molecules, Gene Editing, Immunotherapy. <i>Frontiers in Oncology</i> , 2020, 10, 1460.	2.8	30
77	Promising New Tools for Targeting p53 Mutant Cancers: Humoral and Cell-Based Immunotherapies. <i>Frontiers in Immunology</i> , 2021, 12, 707734.	4.8	30
78	Differentiation and Neuro-Protective Properties of Immortalized Human Tooth Germ Stem Cells. <i>Neurochemical Research</i> , 2011, 36, 2227-2235.	3.3	29
79	Peripheral blood mono-nuclear cells derived from Alzheimer's disease patients show elevated baseline levels of secreted cytokines but resist stimulation with $\beta$ -amyloid peptide. <i>Molecular and Cellular Neurosciences</i> , 2012, 49, 77-84.	2.2	29
80	Tandem Delivery of Multiple Therapeutic Genes Using Umbilical Cord Blood Cells Improves Symptomatic Outcomes in ALS. <i>Molecular Neurobiology</i> , 2017, 54, 4756-4763.	4.0	29
81	Gene Therapy via Trans-Splicing for LMNA-Related Congenital Muscular Dystrophy. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 10, 376-386.	5.1	29
82	Recombinant Viruses for Cancer Therapy. <i>Biomedicines</i> , 2018, 6, 94.	3.2	29
83	Computational Intelligence Technique for Prediction of Multiple Sclerosis Based on Serum Cytokines. <i>Frontiers in Neurology</i> , 2019, 10, 781.	2.4	29
84	Development of reassortant viruses between pathogenic hantavirus strains. <i>Virology</i> , 2004, 327, 225-232.	2.4	28
85	Assessment of Glial Scar, Tissue Sparing, Behavioral Recovery and Axonal Regeneration following Acute Transplantation of Genetically Modified Human Umbilical Cord Blood Cells in a Rat Model of Spinal Cord Contusion. <i>PLoS ONE</i> , 2016, 11, e0151745.	2.5	28
86	Role of Mesenchymal Stem Cell-Derived Extracellular Vesicles in Epithelial to Mesenchymal Transition. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4813.	4.1	28
87	Zika Virus Transmission Through Blood Tissue Barriers. <i>Frontiers in Microbiology</i> , 2019, 10, 1465.	3.5	28
88	Impact of Fgf10 deficiency on pulmonary vasculature formation in a mouse model of bronchopulmonary dysplasia. <i>Human Molecular Genetics</i> , 2019, 28, 1429-1444.	2.9	28
89	Structural and Functional Aspects of Ebola Virus Proteins. <i>Pathogens</i> , 2021, 10, 1330.	2.8	28
90	Generation of a Recombinant Cytomegalovirus for Expression of a Hantavirus Glycoprotein. <i>Journal of Virology</i> , 2003, 77, 12203-12210.	3.4	27

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91	Characterization of spinal cord glial cells in a model of hindlimb unloading in mice. <i>Neuroscience</i> , 2014, 280, 328-339.	2.3	27
92	Recent Advances and Future Direction in Lyophilisation and Desiccation of Mesenchymal Stem Cells. <i>Stem Cells International</i> , 2016, 2016, 1-9.	2.5	27
93	Human Umbilical Cord Blood Cell Transplantation in Neuroregenerative Strategies. <i>Frontiers in Pharmacology</i> , 2017, 8, 628.	3.5	27
94	<i>Helicobacter pylori</i> and Its Antibiotic Heteroresistance: A Neglected Issue in Published Guidelines. <i>Frontiers in Microbiology</i> , 2019, 10, 1796.	3.5	27
95	Generation and Validation of miR-142 Knock Out Mice. <i>PLoS ONE</i> , 2015, 10, e0136913.	2.5	26
96	Adenoviral vector carrying glial cell-derived neurotrophic factor for direct gene therapy in comparison with human umbilical cord blood cell-mediated therapy of spinal cord injury in rat. <i>Spinal Cord</i> , 2016, 54, 347-359.	1.9	26
97	Human Mesenchymal Stem Cells Overexpressing Interleukin 2 Can Suppress Proliferation of Neuroblastoma Cells in Co-Culture and Activate Mononuclear Cells In Vitro. <i>Bioengineering</i> , 2020, 7, 59.	3.5	26
98	Cytochalasin B-Induced Membrane Vesicles from Human Mesenchymal Stem Cells Overexpressing IL2 Are Able to Stimulate CD8+ T-Killers to Kill Human Triple Negative Breast Cancer Cells. <i>Biology</i> , 2021, 10, 141.	2.8	25
99	Ubiquitin-Proteasome System: Promising Therapeutic Targets in Autoimmune and Neurodegenerative Diseases. <i>BioNanoScience</i> , 2016, 6, 341-344.	3.5	24
100	Gene Therapy Using Plasmid DNA Encoding Vascular Endothelial Growth Factor 164 and Fibroblast Growth Factor 2 Genes for the Treatment of Horse Tendinitis and Desmitis: Case Reports. <i>Frontiers in Veterinary Science</i> , 2017, 4, 168.	2.2	24
101	Evaluation of Cytochalasin B-Induced Membrane Vesicles Fusion Specificity with Target Cells. <i>BioMed Research International</i> , 2018, 2018, 1-6.	1.9	24
102	Potential therapeutic application of mesenchymal stem cells in ophthalmology. <i>Experimental Eye Research</i> , 2019, 189, 107863.	2.6	24
103	Clinical Efficacy, Safety, and Immunogenicity of a Live Attenuated Tetravalent Dengue Vaccine (CYD-TDV) in Children: A Systematic Review with Meta-analysis. <i>Frontiers in Immunology</i> , 2017, 8, 863.	4.8	23
104	Small Molecule Modulators of RING-Type E3 Ligases: MDM and Cullin Families as Targets. <i>Frontiers in Pharmacology</i> , 2018, 9, 450.	3.5	23
105	Angiogenic Activity of Cytochalasin B-Induced Membrane Vesicles of Human Mesenchymal Stem Cells. <i>Cells</i> , 2020, 9, 95.	4.1	23
106	Searching for Predictors of Migraine Chronification: a Pilot Study of 1911A>G Polymorphism of TRPV1 Gene in Episodic Versus Chronic Migraine. <i>Journal of Molecular Neuroscience</i> , 2021, 71, 618-624.	2.3	23
107	Knowns and Unknowns about CAR-T Cell Dysfunction. <i>Cancers</i> , 2022, 14, 1078.	3.7	23
108	CCL27: Novel Cytokine with Potential Role in Pathogenesis of Multiple Sclerosis. <i>BioMed Research International</i> , 2015, 2015, 1-10.	1.9	22

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109	Breast Cancer Stem Cell Isolation. <i>Methods in Molecular Biology</i> , 2016, 1406, 121-135.	0.9	22
110	Cytokine Profile of Patients with Allergic Rhinitis Caused by Pollen, Mite, and Microbial Allergen Sensitization. <i>Journal of Immunology Research</i> , 2017, 2017, 1-7.	2.2	22
111	Gene Therapy Using Plasmid DNA Encoding VEGF164 and FGF2 Genes: A Novel Treatment of Naturally Occurring Tendinitis and Desmitis in Horses. <i>Frontiers in Pharmacology</i> , 2018, 9, 978.	3.5	22
112	Allogenic Adipose Derived Stem Cells Transplantation Improved Sciatic Nerve Regeneration in Rats: Autologous Nerve Graft Model. <i>Frontiers in Pharmacology</i> , 2018, 9, 86.	3.5	22
113	Orthohantaviruses, Emerging Zoonotic Pathogens. <i>Pathogens</i> , 2020, 9, 775.	2.8	22
114	Interaction and self-organization of human mesenchymal stem cells and neuro-blastoma SH-SY5Y cells under co-culture conditions: A novel system for modeling cancer cell micro-environment. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010, 76, 253-259.	4.3	21
115	Emerging roles of the single EF-hand Ca <sup>2+</sup> sensor tescalcin in the regulation of gene expression, cell growth and differentiation. <i>Journal of Cell Science</i> , 2016, 129, 3533-3540.	2.0	21
116	Transplantation of Microglia in the Area of Spinal Cord Injury in an Acute Period Increases Tissue Sparing, but Not Functional Recovery. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 507.	3.7	21
117	Inflammasomes as Targets for Adjuvants. <i>Pathogens</i> , 2020, 9, 252.	2.8	21
118	Application of neurotrophic and proangiogenic factors as therapy after peripheral nervous system injury. <i>Neural Regeneration Research</i> , 2022, 17, 1240.	3.0	21
119	Physiological and Pathophysiological Roles of Metabolic Pathways for NET Formation and Other Neutrophil Functions. <i>Frontiers in Immunology</i> , 2022, 13, 826515.	4.8	21
120	Disease-specific expression of the serotonin-receptor 5-HT <sub>2C</sub> in natural killer cells in Alzheimer's dementia. <i>Journal of Neuroimmunology</i> , 2012, 251, 73-79.	2.3	20
121	Promising new therapeutic targets for regulation of inflammation and immunity: RING-type E3 ubiquitin ligases. <i>Immunology Letters</i> , 2018, 202, 44-51.	2.5	20
122	Transcriptome Profiling Reveals Pro-Inflammatory Cytokines and Matrix Metalloproteinase Activation in Zika Virus Infected Human Umbilical Vein Endothelial Cells. <i>Frontiers in Pharmacology</i> , 2019, 10, 642.	3.5	20
123	Autophagy and Skin Diseases. <i>Frontiers in Pharmacology</i> , 2022, 13, 844756.	3.5	20
124	Effect of F68 on Cryopreservation of Mesenchymal Stem Cells Derived from Human Tooth Germ. <i>Applied Biochemistry and Biotechnology</i> , 2013, 171, 1819-1831.	2.9	19
125	Attenuating endogenous Fgfr2b ligands during bleomycin-induced lung fibrosis does not compromise murine lung repair. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 308, L1014-L1024.	2.9	19
126	Therapeutic Potential of Pharmacological Targeting NLRP3 Inflammasome Complex in Cancer. <i>Frontiers in Immunology</i> , 2020, 11, 607881.	4.8	19



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127	Automating pandemic mitigation. <i>Advanced Robotics</i> , 2021, 35, 572-589.	1.8	19
128	Novel Isatin-based activator of p53 transcriptional functions in tumor cells. <i>Molecular Biology Research Communications</i> , 2019, 8, 119-128.	0.3	19
129	Intrinsic and Extrinsic Factors Impacting Cancer Stemness and Tumor Progression. <i>Cancers</i> , 2022, 14, 970.	3.7	19
130	Retrogradely transported siRNA silences human mutant SOD1 in spinal cord motor neurons. <i>Experimental Brain Research</i> , 2009, 195, 1-4.	1.5	18
131	Binding and purification of plasmid DNA using multi-layered carbon nanotubes. <i>Journal of Biotechnology</i> , 2011, 152, 102-107.	3.8	18
132	Protective Effect of Green Tea ( <i>Camellia sinensis</i> (L.) Kuntze) against Prostate Cancer: From In Vitro Data to Algerian Patients. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-12.	1.2	18
133	Effects of Transplanted Umbilical Cord Blood Mononuclear Cells Overexpressing GDNF on Spatial Memory and Hippocampal Synaptic Proteins in a Mouse Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2019, 69, 443-453.	2.6	18
134	Genetic Factors of Nitric Oxide's System in Psychoneurologic Disorders. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1604.	4.1	18
135	Inflammasome Contribution to the Activation of Th1, Th2, and Th17 Immune Responses. <i>Frontiers in Microbiology</i> , 2022, 13, 851835.	3.5	18
136	Replication and immunoactivity of the recombinant <i>Peromyscus maniculatus</i> cytomegalovirus expressing hantavirus G1 glycoprotein in vivo and in vitro. <i>Vaccine</i> , 2006, 24, 327-334.	3.8	17
137	Upregulation of IFN- $\gamma$ and IL-12 is associated with a milder form of hantavirus hemorrhagic fever with renal syndrome. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2014, 33, 2149-2156.	2.9	17
138	Inflammatory cytokines kinetics define the severity and phase of nephropathia epidemica. <i>Biomarkers in Medicine</i> , 2015, 9, 99-107.	1.4	17
139	Electrophysiological, Morphological, and Ultrastructural Features of the Injured Spinal Cord Tissue after Transplantation of Human Umbilical Cord Blood Mononuclear Cells Genetically Modified with the VEGF and GDNF Genes. <i>Neural Plasticity</i> , 2017, 2017, 1-12.	2.2	17
140	Novel approaches for the rational design of PROTAC linkers. <i>Exploration of Targeted Anti-tumor Therapy</i> , 2020, 1, 381-390.	0.8	17
141	Epidemiological dynamics of nephropathia epidemica in the Republic of Tatarstan, Russia, during the period of 1997-2013. <i>Epidemiology and Infection</i> , 2016, 144, 618-626.	2.1	16
142	Effect of Cisplatin on Ultrastructure and Viability of Adipose-Derived Mesenchymal Stem Cells. <i>BioNanoScience</i> , 2016, 6, 534-539.	3.5	16
143	Cerebellar Atrophy and Changes in Cytokines Associated with the CACNA1A R583Q Mutation in a Russian Familial Hemiplegic Migraine Type 1 Family. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 263.	3.7	16
144	Prevalence of the Puumala orthohantavirus Strains in the Pre-Kama Area of the Republic of Tatarstan, Russia. <i>Pathogens</i> , 2020, 9, 540.	2.8	16

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145	Mesenchymal Stem Cell Derived Biocompatible Membrane Vesicles Demonstrate Immunomodulatory Activity Inhibiting Activation and Proliferation of Human Mononuclear Cells. <i>Pharmaceutics</i> , 2020, 12, 577.	4.5	16
146	Angiogenesis and nerve regeneration induced by local administration of plasmid pBud-coVEGF165-coFGF2 into the intact rat sciatic nerve. <i>Neural Regeneration Research</i> , 2021, 16, 1882.	3.0	16
147	Schiff base-Poloxamer P85 combination demonstrates chemotherapeutic effect on prostate cancer cells in vitro. <i>Biomedicine and Pharmacotherapy</i> , 2017, 86, 492-501.	5.6	15
148	Influence of pharmacological and epigenetic factors to suppress neurotrophic factors and enhance neural plasticity in stress and mood disorders. <i>Cognitive Neurodynamics</i> , 2019, 13, 219-237.	4.0	15
149	Blood Serum Cytokines in Patients with Subacute Spinal Cord Injury: A Pilot Study to Search for Biomarkers of Injury Severity. <i>Brain Sciences</i> , 2021, 11, 322.	2.3	15
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