

Albert Rizvanov

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6906382/albert-rizvanov-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

351
papers

4,170
citations

35
h-index

45
g-index

405
ext. papers

5,698
ext. citations

3.9
avg, IF

6.03
L-index

#	Paper	IF	Citations
351	Genomic Screening of Chronic Migraine Patients Identified Genes Linked to Drug and Endogenous Substances Metabolism. <i>BioNanoScience</i> , 2022 , 12, 154	3.4	
350	From 3D printing to 3D bioprinting: the material properties of polymeric material and its derived bioink for achieving tissue specific architectures.. <i>Cell and Tissue Banking</i> , 2022 , 1	2.2	3
349	Physiological and Pathophysiological Roles of Metabolic Pathways for NET Formation and Other Neutrophil Functions.. <i>Frontiers in Immunology</i> , 2022 , 13, 826515	8.4	4
348	Cellular and Molecular Gradients in the Ventral Horns With Increasing Distance From the Injury Site After Spinal Cord Contusion.. <i>Frontiers in Cellular Neuroscience</i> , 2022 , 16, 817752	6.1	0
347	Application of neurotrophic and proangiogenic factors as therapy after peripheral nervous system injury. <i>Neural Regeneration Research</i> , 2022 , 17, 1240-1247	4.5	3
346	Serum Cytokine Alterations Associated with Age of Patients with Nephropathia Epidemica.. <i>BioMed Research International</i> , 2022 , 2022, 4685288	3	0
345	Functionality of a bicistronic construction containing and genes encoding Hexosaminidase A for cell-mediated therapy of GM2 gangliosidoses. <i>Neural Regeneration Research</i> , 2022 , 17, 122-129	4.5	3
344	Preclinical Research of Mesenchymal Stem Cell-Based Therapy for Ocular Diseases 2022 , 1-25		
343	Intrinsic and Extrinsic Factors Impacting Cancer Stemness and Tumor Progression.. <i>Cancers</i> , 2022 , 14,	6.6	3
342	Autophagy and Skin Diseases.. <i>Frontiers in Pharmacology</i> , 2022 , 13, 844756	5.6	0
341	Knowns and Unknowns about CAR-T Cell Dysfunction.. <i>Cancers</i> , 2022 , 14,	6.6	11
340	Mesenchymal Stem Cell-Based Therapy for Lysosomal Storage Diseases and Other Neurodegenerative Disorders.. <i>Frontiers in Pharmacology</i> , 2022 , 13, 859516	5.6	2
339	Inflammasome Contribution to the Activation of Th1, Th2, and Th17 Immune Responses.. <i>Frontiers in Microbiology</i> , 2022 , 13, 851835	5.7	1
338	Viral Vector Vaccines Against ASF: Problems and Prospectives.. <i>Frontiers in Veterinary Science</i> , 2022 , 9, 830244	3.1	1
337	Analysis of the Interaction of Human Neuroblastoma Cell-Derived Cytochalasin B Induced Membrane Vesicles with Mesenchymal Stem Cells Using Imaging Flow Cytometry.. <i>BioNanoScience</i> , 2022 , 1-9	3.4	0
336	Immunogenic SARS-CoV-2 S and N Protein Peptide and Cytokine Combinations as Biomarkers for Early Prediction of Fatal COVID-19.. <i>Frontiers in Immunology</i> , 2022 , 13, 830715	8.4	0
335	Extracellular Vesicles Derived from Mesenchymal Stem Cells 2022 , 1-27		

334	Antibody and T Cell Immune Responses to SARS-CoV-2 Peptides in COVID-19 Convalescent Patients.. <i>Frontiers in Microbiology</i> , 2022 , 13, 842232	5.7	0
333	The Dual Role of Mesenchymal Stromal Cells and Their Extracellular Vesicles in Carcinogenesis. <i>Biology</i> , 2022 , 11, 813	4.9	0
332	Contribution of Tumor-Derived Extracellular Vesicles to Malignant Transformation of Normal Cells. <i>Bioengineering</i> , 2022 , 9, 245	5.3	0
331	Pathogenesis, Diagnosis, and Treatment of Hemostatic Disorders in COVID-19 Patients. <i>Acta Naturae</i> , 2021 , 13, 79-84	2.1	
330	Topological Analysis of Regulatory Networks Reveals Functionally Key Genes and miRNAs Involved in the Differentiation of Mesenchymal Stem Cells. <i>Iranian Journal of Biotechnology</i> , 2021 , 19, e2565	1	
329	Pathogenesis, Diagnosis, and Treatment of Hemostatic Disorders in COVID-19 Patients. <i>Acta Naturae</i> , 2021 , 13, 79-84	2.1	
328	MAP kinases in regulation of NOX activity stimulated through two types of formyl peptide receptors in murine bone marrow granulocytes. <i>Cellular Signalling</i> , 2021 , 90, 110205	4.9	2
327	Comparative pathology of dog and human prostate cancer. <i>Veterinary Medicine and Science</i> , 2021 ,	2.1	5
326	Long Term Immune Response Produced by the SputnikV Vaccine. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
325	Human ESC-derived Neuromesodermal Progenitors (NMPs) Successfully Differentiate into Mesenchymal Stem Cells (MSCs). <i>Stem Cell Reviews and Reports</i> , 2021 , 1	7.3	0
324	Structural and Functional Aspects of Ebola Virus Proteins. <i>Pathogens</i> , 2021 , 10,	4.5	2
323	Cytochalasin B-induced membrane vesicles from human mesenchymal stem cells overexpressing TRAIL, PTEN and IFN- γ can kill carcinoma cancer cells. <i>Tissue and Cell</i> , 2021 , 73, 101664	2.7	2
322	Automating pandemic mitigation. <i>Advanced Robotics</i> , 2021 , 35, 572-589	1.7	8
321	RELATIONSHIP BETWEEN THE BLOOD LEVELS OF INFLAMMATORY CYTOKINES AND THE NUMBER OF CIRCULATING TUMOR CELLS WITH RESPONSE TO STANDARD CHEMOTHERAPY IN PATIENTS WITH OVARIAN CANCER. <i>Siberian Journal of Oncology</i> , 2021 , 20, 62-73	0.3	
320	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,	3.4	6
319	The treatment of articular cartilage injuries with mesenchymal stem cells in different animal species. <i>Open Veterinary Journal</i> , 2021 , 11, 128-134	1	0
318	Proteomic profiling of the rat hippocampus from the kindling and pilocarpine models of epilepsy: potential targets in calcium regulatory network. <i>Scientific Reports</i> , 2021 , 11, 8252	4.9	2
317	Cytokine, Chemokine, and Metalloprotease Activation in the Serum of Patients with Nephropathia Epidemica from the Republic of Tatarstan and the Republic of Mordovia, Russia. <i>Pathogens</i> , 2021 , 10,	4.5	4

316	Mitochondria Donation by Mesenchymal Stem Cells: Current Understanding and Mitochondria Transplantation Strategies. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 653322	5.7	18
315	Proangiogenic Effect of 2A-Peptide Based Multicistronic Recombinant Constructs Encoding VEGF and FGF2 Growth Factors. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
314	Stem-like tumor cells and proinflammatory cytokines in the ascitic fluid of ovarian cancer patients. <i>Klinicheskaya Laboratornaya Diagnostika</i> , 2021 , 66, 297-303	0.5	0
313	The Function of NG2/CSPG4-expressing Cells in the Rat Spinal Cord Injury: An Immunoelectron Microscopy Study. <i>Neuroscience</i> , 2021 , 467, 142-149	3.9	2
312	Storage stability and delivery potential of cytochalasin B induced membrane vesicles. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2021 , 30, e00616	5.3	1
311	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	3.3	8
310	Angiogenesis and nerve regeneration induced by local administration of plasmid into the intact rat sciatic nerve. <i>Neural Regeneration Research</i> , 2021 , 16, 1882-1889	4.5	9
309	Gene-modified leucoconcentrate for personalized gene therapy in a mini pig model of moderate spinal cord injury. <i>Neural Regeneration Research</i> , 2021 , 16, 357-361	4.5	4
308	Combination of epidural electrical stimulation with triple gene therapy for spinal cord injury: a proof of principle study. <i>Neural Regeneration Research</i> , 2021 , 16, 550-560	4.5	2
307	Membrane Microvesicles as Potential Vaccine Candidates. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
306	Application of CAR-T Cell Therapy beyond Oncology: Autoimmune Diseases and Viral Infections. <i>Biomedicines</i> , 2021 , 9,	4.8	21
305	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,	4.9	8
304	Influence of Recombinant Codon-Optimized Plasmid DNA Encoding VEGF and FGF2 on Co-Induction of Angiogenesis. <i>Cells</i> , 2021 , 10,	7.9	2
303	Adoptive Immunotherapy beyond CAR T-Cells. <i>Cancers</i> , 2021 , 13,	6.6	21
302	Prediction of chemoresistance trait of cancer cell lines using machine learning algorithms and systems biology analysis. <i>Journal of Big Data</i> , 2021 , 8,	11.7	1
301	Promising New Tools for Targeting p53 Mutant Cancers: Humoral and Cell-Based Immunotherapies. <i>Frontiers in Immunology</i> , 2021 , 12, 707734	8.4	4
300	Immunohistochemical Characterisation of GLUT1, MMP3 and NRF2 in Osteosarcoma. <i>Frontiers in Veterinary Science</i> , 2021 , 8, 704598	3.1	0
299	The Detection of Stem-Like Circulating Tumor Cells Could Increase the Clinical Applicability of Liquid Biopsy in Ovarian Cancer. <i>Life</i> , 2021 , 11,	3	1

298	Doxycycline Attenuates Cancer Cell Growth by Suppressing NLRP3-Mediated Inflammation. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	3
297	The Distribution of Genome Variants Correlates with the Regional Landscapes in the Trans-Kama Area of the Republic of Tatarstan. <i>Pathogens</i> , 2021 , 10,	4.5	2
296	Serum Cytokine Profile, Beta-Hexosaminidase A Enzymatic Activity and GM Ganglioside Levels in the Plasma of a Tay-Sachs Disease Patient after Cord Blood Cell Transplantation and Curcumin Administration: A Case Report. <i>Life</i> , 2021 , 11,	3	1
295	Recent Advances in Experimental Dendritic Cell Vaccines for Cancer. <i>Frontiers in Oncology</i> , 2021 , 11, 730824	5.3	8
294	Development of the New Method for the Therapy of Animal Burns. <i>BioNanoScience</i> , 2021 , 11, 232-237	3.4	2
293	 <i>Tsitologiya</i> , 2021 , 63, 139-146	1.3	2
292	Increasing Severity of Spinal Cord Injury Results in Microglia/Macrophages With Annular-Shaped Morphology and No Change in Expression of CD40 and Tumor Growth Factor- β During the Chronic Post-injury Stage.. <i>Frontiers in Molecular Neuroscience</i> , 2021 , 14, 802558	6.1	
291	Filtering of the Gene Signature as the Predictors of Cisplatin-Resistance in Ovarian Cancer. <i>Iranian Journal of Biotechnology</i> , 2021 , 19, e2643	1	
290	Metachromatic Leukodystrophy: Diagnosis, Modeling, and Treatment Approaches. <i>Frontiers in Medicine</i> , 2020 , 7, 576221	4.9	13
289	Epidemiology and Risk Factors of Osteosarcoma. <i>Cancer Investigation</i> , 2020 , 38, 259-269	2.1	52
288	Biological Evaluation of Newly Synthesized Biaryl Guanidine Derivatives to Arrest -Secretase Enzymatic Activity Involved in Alzheimer's Disease. <i>BioMed Research International</i> , 2020 , 2020, 8934289	3	2
287	Mouse Tumor Models for Advanced Cancer Immunotherapy. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	21
286	Recombinant histone H1.3 inhibits orthohantavirus infection in vitro. <i>BioNanoScience</i> , 2020 , 10, 783-791	3.4	1
285	Molecular Aspects and Future Perspectives of Cytokine-Based Anti-cancer Immunotherapy. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 402	5.7	29
284	Role of Viruses in the Pathogenesis of Multiple Sclerosis. <i>Viruses</i> , 2020 , 12,	6.2	27
283	Sulfonamide-Based Azaheterocyclic Schiff Base Derivatives as Potential Carbonic Anhydrase Inhibitors: Synthesis, Cytotoxicity, and Enzyme Inhibitory Kinetics. <i>BioMed Research International</i> , 2020 , 2020, 8104107	3	5
282	Adenoviral Vector Delivery of vegf, Angiogenin, and gdnf Genes Promotes Angiogenesis in Ischemic Skeletal Muscle. <i>BioNanoScience</i> , 2020 , 10, 540-547	3.4	1
281	Urine-Derived Stem Cells: Applications in Regenerative and Predictive Medicine. <i>Cells</i> , 2020 , 9,	7.9	16

280	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,	5.3	9
279	Mesenchymal Stem Cell Derived Biocompatible Membrane Vesicles Demonstrate Immunomodulatory Activity Inhibiting Activation and proliferation of Human Mononuclear Cells. <i>Pharmaceutics</i> , 2020 , 12,	6.4	6
278	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	4.9	16
277	Therapeutic Editing of the Gene: Is CRISPR/Cas9 an Option?. <i>Genes</i> , 2020 , 11,	4.2	13
276	Genetic Factors of Nitric Oxide's System in Psychoneurologic Disorders. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	12
275	Polymorphisms of Antioxidant System Genes in HCV Infection and Their Role in the Development of Chronic Hepatitis C. <i>BioNanoScience</i> , 2020 , 10, 330-336	3.4	
274	Proteomic Analysis of Human Serum from Patients with Chronic Kidney Disease. <i>Biomolecules</i> , 2020 , 10,	5.9	17
273	Microbiological Investigation of the Space Dust Collected from the External Surfaces of the International Space Station. <i>BioNanoScience</i> , 2020 , 10, 81-88	3.4	2
272	Advancing CAR T-Cell Therapy for Solid Tumors: Lessons Learned from Lymphoma Treatment. <i>Cancers</i> , 2020 , 12,	6.6	36
271	Virulent Properties of Serotypes of Streptococcus pneumoniae from Child Carriers in the Republic of Tatarstan. <i>BioNanoScience</i> , 2020 , 10, 534-539	3.4	
270	Cell Culture Based Test Systems for Anticancer Drug Screening. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 322	5.8	37
269	A Simple, Safe and Effective Approach for Personalized Precision Ex Vivo Gene Therapy Based on Autoinfusion of Gene-Modified Leucoconcentrate (GML) Prepared from Routine Unit of Patient's Peripheral Blood. <i>Blood</i> , 2020 , 136, 31-31	2.2	
268	Biomimetic Membrane Vesicles: Evaluation of Inflammatory Response In Vivo. <i>Blood</i> , 2020 , 136, 1-1	2.2	
267	Transcriptomic Landscape of Umbilical Cord Blood Mononuclear Cells after Genetic Modification. <i>Blood</i> , 2020 , 136, 33-34	2.2	1
266	The Effect of Macrophage Polarization on Cytokine Release in CAR-T Antitumor Response. <i>Blood</i> , 2020 , 136, 22-22	2.2	
265	Improving Culture Conditions, Proliferation, and Migration of Porcine Mesenchymal Stem Cells on Spinal Cord Contusion Injury Model in vitro. <i>Cells Tissues Organs</i> , 2020 , 209, 236-247	2.1	1
264	Artificial Microvesicles Isolated from Mesenchymal Stem Cells with IL2 Overexpression Activate CD8+ T-Killers to Kill Triple Negative Breast Cancer Cells. <i>Blood</i> , 2020 , 136, 26-26	2.2	1
263	Coronavirus infection and ophthalmology. <i>Kazan Medical Journal</i> , 2020 , 101, 371-380	0.2	4

262 iPSCs for modeling lysosomal storage diseases **2020**, 1-28

261	Adaptive immunity in the mucous membrane of the duodenum in neonatal sepsis. <i>Kazan Medical Journal</i> , 2020 , 101, 31-39	0.2	
260	TAY-SACHS DISEASE: DIAGNOSTIC, MODELING AND TREATMENT APPROACHES. <i>Genes and Cells</i> , 2020 , XV,	1.4	2
259	Novel approaches for the rational design of PROTAC linkers. <i>Exploration of Targeted Anti-tumor Therapy</i> , 2020 , 1, 381-390	2.5	3
258	Extracellular vesicles in the diagnosis and treatment of central nervous system diseases. <i>Neural Regeneration Research</i> , 2020 , 15, 586-596	4.5	4 ⁰
257	Application of gene therapy in the treatment of superficial digital flexor tendon injury in horses. <i>Open Veterinary Journal</i> , 2020 , 10, 261-266	1	2
256	Promising Applications of Tumor Spheroids and Organoids for Personalized Medicine. <i>Cancers</i> , 2020 , 12,	6.6	29
255	Key Players in the Mutant p53 Team: Small Molecules, Gene Editing, Immunotherapy. <i>Frontiers in Oncology</i> , 2020 , 10, 1460	5.3	7
254	Extracellular Vesicles: New Perspectives of Regenerative and Reproductive Veterinary Medicine. <i>Frontiers in Veterinary Science</i> , 2020 , 7, 594044	3.1	3
253	Serum and Cerebrospinal Fluid Cytokine Biomarkers for Diagnosis of Multiple Sclerosis. <i>Mediators of Inflammation</i> , 2020 , 2020, 2727042	4.3	4
252	Prevalence of the Strains in the Pre-Kama Area of the Republic of Tatarstan, Russia. <i>Pathogens</i> , 2020 , 9,	4.5	6
251	Analyzing the Effectiveness of Adipose Tissue Stem Cell and Microvesicle Therapy in Premature Skin Aging Caused by Chronic Exposure to Ultraviolet Radiation. <i>BioNanoScience</i> , 2020 , 10, 991-997	3.4	2
250	Rab GTPase Mediating Regulation of NALP3 in Colorectal Cancer. <i>Molecules</i> , 2020 , 25,	4.8	3
249	Molecular Characterisation of Canine Osteosarcoma in High Risk Breeds. <i>Cancers</i> , 2020 , 12,	6.6	6
248	Orthohantaviruses, Emerging Zoonotic Pathogens. <i>Pathogens</i> , 2020 , 9,	4.5	7
247	Current Strategies for Prevention and Treatment of Equine Postoperative Ileus: A Multimodal Approach 2020 ,		1
246	Genetic Modification of Mesenchymal Stem Cells for Neurological Disease Therapy: What Effects Does it Have on Phenotype/Cell Behavior, Determining Their Effectiveness?. <i>Molecular Diagnosis and Therapy</i> , 2020 , 24, 683-702	4.5	1
245	The Relationship of the Mechanisms of the Pathogenesis of Multiple Sclerosis and the Expression of Endogenous Retroviruses. <i>Biology</i> , 2020 , 9,	4.9	4

244	Current Trends in Cancer Immunotherapy. <i>Biomedicines</i> , 2020 , 8,	4.8	14
243	In Vitro Angiogenic Properties of Plasmid DNA Encoding SDF-1 β and VEGF165 Genes. <i>Applied Biochemistry and Biotechnology</i> , 2020 , 190, 773-788	3.2	10
242	Inflammasomes as Targets for Adjuvants. <i>Pathogens</i> , 2020 , 9,	4.5	11
241	Therapeutic Potential of Pharmacological Targeting NLRP3 Inflammasome Complex in Cancer. <i>Frontiers in Immunology</i> , 2020 , 11, 607881	8.4	7
240	Different Approaches to Modulation of Microglia Phenotypes After Spinal Cord Injury. <i>Frontiers in Systems Neuroscience</i> , 2019 , 13, 37	3.5	44
239	and Its Antibiotic Heteroresistance: A Neglected Issue in Published Guidelines. <i>Frontiers in Microbiology</i> , 2019 , 10, 1796	5.7	12
238	Comparative Analysis of the Effect of Gene-Activated Grafts Carrying a PBUD-VEGF165A-BMP2 Plasmid on Bone Regeneration in a Rat Femur Defect Model. <i>BioNanoScience</i> , 2019 , 9, 909-917	3.4	
237	Characterization of the Strains in the Northwestern Region of the Republic of Tatarstan in Relation to the Clinical Manifestations in Hemorrhagic Fever With Renal Syndrome Patients. <i>Frontiers in Pharmacology</i> , 2019 , 10, 970	5.6	4
236	Role of Mesenchymal Stem Cell-Derived Extracellular Vesicles in Epithelial-Mesenchymal Transition. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	16
235	Current Approaches to the Evaluation of Soil Genotoxicity. <i>BioNanoScience</i> , 2019 , 9, 758-764	3.4	3
234	Bioinformatic Study of Transcriptome Changes in the Mice Lumbar Spinal Cord After the 30-Day Spaceflight and Subsequent 7-Day Readaptation on Earth: New Insights Into Molecular Mechanisms of the Hypogravity Motor Syndrome. <i>Frontiers in Pharmacology</i> , 2019 , 10, 747	5.6	4
233	Stable Co-Cultivation of the Moss <i>Physcomitrella patens</i> with Human Cells in vitro as a New Approach to Support Metabolism of Diseased Alzheimer Cells. <i>Journal of Alzheimer's Disease</i> , 2019 , 70, 75-89	4.3	1
232	Metadherin: A Therapeutic Target in Multiple Cancers. <i>Frontiers in Oncology</i> , 2019 , 9, 349	5.3	28
231	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	5.6	11
230	Zika Virus Transmission Through Blood Tissue Barriers. <i>Frontiers in Microbiology</i> , 2019 , 10, 1465	5.7	20
229	MicroRNA Post-transcriptional Regulation of the NLRP3 Inflammasome in Immunopathologies. <i>Frontiers in Pharmacology</i> , 2019 , 10, 451	5.6	34
228	<i>Helicobacter pylori</i> Infection and Vaccination: Current Standoff. <i>BioNanoScience</i> , 2019 , 9, 928-929	3.4	1
227	Proteomics study of Southern Punjab Pakistani cobra (<i>Naja naja</i> : formerly <i>Naja naja karachiensis</i>) venom. <i>Toxicological and Environmental Chemistry</i> , 2019 , 101, 91-116	1.4	9

226	Therapeutic Potential of Extracellular Vesicles for the Treatment of Nerve Disorders. <i>Frontiers in Neuroscience</i> , 2019 , 13, 163	5.1	45
225	Fluoro-benzimidazole derivatives to cure Alzheimer's disease: In-silico studies, synthesis, structure-activity relationship and in vivo evaluation for β secretase enzyme inhibition. <i>Bioorganic Chemistry</i> , 2019 , 88, 102936	5.1	9
224	Adipose-Derived Mesenchymal Stem Cells Applied in Fibrin Glue Stimulate Peripheral Nerve Regeneration. <i>Frontiers in Medicine</i> , 2019 , 6, 68	4.9	27
223	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	4.2	12
222	Analysis of the Interaction and Proliferative Activity of Adenocarcinoma, Peripheral Blood Mononuclear and Mesenchymal Stromal Cells after Co-Cultivation In Vitro. <i>BioNanoScience</i> , 2019 , 9, 502-509	3.4	7
221	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	4.3	14
220	Use of Biologically Active 3D Matrix for Extensive Skin Defect Treatment in Veterinary Practice: Case Report. <i>Frontiers in Veterinary Science</i> , 2019 , 6, 76	3.1	4
219	Upregulation of proteoglycans in the perilesion perimeter in ventral horns after spinal cord injury. <i>Neuroscience Letters</i> , 2019 , 704, 220-228	3.3	5
218	Differential Expression of HERV-W in Peripheral Blood in Multiple Sclerosis and Healthy Patients in Two Different Ethnic Groups. <i>Frontiers in Pharmacology</i> , 2019 , 10, 1645	5.6	4
217	Computational Intelligence Technique for Prediction of Multiple Sclerosis Based on Serum Cytokines. <i>Frontiers in Neurology</i> , 2019 , 10, 781	4.1	11
216	World Health Organization Report: Current Crisis of Antibiotic Resistance. <i>BioNanoScience</i> , 2019 , 9, 778-788	3.4	84
215	Cytokine Storm Combined with Humoral Immune Response Defect in Fatal Hemorrhagic Fever with Renal Syndrome Case, Tatarstan, Russia. <i>Viruses</i> , 2019 , 11,	6.2	13
214	β Genotype Is Associated with Mild Form of Nephropathia Epidemica. <i>Viruses</i> , 2019 , 11,	6.2	2
213	Potential therapeutic application of mesenchymal stem cells in ophthalmology. <i>Experimental Eye Research</i> , 2019 , 189, 107863	3.7	13
212	Novel Isatin-based activator of p53 transcriptional functions in tumor cells. <i>Molecular Biology Research Communications</i> , 2019 , 8, 119-128	1.6	12
211	Mesenchymal stem cells and the neuronal microenvironment in the area of spinal cord injury. <i>Neural Regeneration Research</i> , 2019 , 14, 227-237	4.5	40
210	Angiogenic Activity of Cytochalasin B-Induced Membrane Vesicles of Human Mesenchymal Stem Cells. <i>Cells</i> , 2019 , 9,	7.9	12
209	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	6.1	18

208	Glycemic and Insulinemic Responses of Vegetables and Beans Powders Supplemented Chapattis in Healthy Humans: A Randomized, Crossover Trial. <i>BioMed Research International</i> , 2019 , 2019, 7425367	3	8
207	Production and Application of Multicistronic Constructs for Various Human Disease Therapies. <i>Pharmaceutics</i> , 2019 , 11,	6.4	14
206	Therapeutic Application of Mesenchymal Stem Cells Derived Extracellular Vesicles for Immunomodulation. <i>Frontiers in Immunology</i> , 2019 , 10, 2663	8.4	60
205	Mesenchymal Stem Cell Therapy for Spinal Cord Contusion: A Comparative Study on Small and Large Animal Models. <i>Biomolecules</i> , 2019 , 9,	5.9	20
204	Impact of Fgf10 deficiency on pulmonary vasculature formation in a mouse model of bronchopulmonary dysplasia. <i>Human Molecular Genetics</i> , 2019 , 28, 1429-1444	5.6	13
203	The Interaction between Viral and Environmental Risk Factors in the Pathogenesis of Multiple Sclerosis. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	22
202	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	9.3	21
201	Review: Therapeutic potential of carbonic anhydrase inhibitors. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2019 , 32, 709-720	0.4	2
200	Erupt of malaria, dengue and chikungunya in Pakistan: Recent insights about prevalence, diagnosis and treatment. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2019 , 32, 1545-1554	0.4	
199	Water-soluble polyol-methanofullerenes as mitochondria-targeted antioxidants: Mechanism of action. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018 , 28, 1097-1100	2.9	2
198	PTEN expression in astrocytic processes after spinal cord injury. <i>Molecular and Cellular Neurosciences</i> , 2018 , 88, 231-239	4.8	4
197	Whether Medical Schools in Russia Are Ready to Develop Successfully in the Twenty-first Century. <i>BioNanoScience</i> , 2018 , 8, 467-472	3.4	2
196	Gene Therapy via Trans-Splicing for LMNA-Related Congenital Muscular Dystrophy. <i>Molecular Therapy - Nucleic Acids</i> , 2018 , 10, 376-386	10.7	18
195	Intravenous Transplantation of Human Umbilical Cord Blood Mononuclear Cells Overexpressing Nerve Growth Factor Improves Spatial Memory in APP/PS1 Transgenic Mice with a Model of Alzheimer's Disease. <i>BioNanoScience</i> , 2018 , 8, 473-480	3.4	2
194	Effect of Curcumin and Gliotoxin on Rat Liver Myofibroblast Culture. <i>BioNanoScience</i> , 2018 , 8, 522-536	3.4	
193	Allogenic Adipose Derived Stem Cells Transplantation Improved Sciatic Nerve Regeneration in Rats: Autologous Nerve Graft Model. <i>Frontiers in Pharmacology</i> , 2018 , 9, 86	5.6	12
192	Application of Mesenchymal Stem Cells for Therapeutic Agent Delivery in Anti-tumor Treatment. <i>Frontiers in Pharmacology</i> , 2018 , 9, 259	5.6	91
191	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	5.6	29

190	Small Molecule Modulators of RING-Type E3 Ligases: MDM and Cullin Families as Targets. <i>Frontiers in Pharmacology</i> , 2018 , 9, 450	5.6	18
189	Therapeutic Prospects of Extracellular Vesicles in Cancer Treatment. <i>Frontiers in Immunology</i> , 2018 , 9, 1534	8.4	69
188	The Stromal Vascular Fraction From Fat Tissue in the Treatment of Osteochondral Knee Defect: Case Report. <i>Frontiers in Medicine</i> , 2018 , 5, 154	4.9	4
187	Influence of Genetically Modified Human Umbilical Cord Blood Mononuclear Cells on the Expression of Schwann Cell Molecular Determinants in Spinal Cord Injury. <i>Stem Cells International</i> , 2018 , 2018, 4695275	5	6
186	Fecal Transplantation Against Recurrent Clostridium difficile Infection. <i>BioNanoScience</i> , 2018 , 8, 941-943,4		
185	Promising new therapeutic targets for regulation of inflammation and immunity: RING-type E3 ubiquitin ligases. <i>Immunology Letters</i> , 2018 , 202, 44-51	4.1	15
184	Collimator based on a Schmidt camera mirror design and its application to the study of the wide-angle UV and VUV telescope. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2018 , 4, 1	1.1	
183	VIRULENCE AND ANTIBIOTIC RESISTANCE OF ISOLATES OF KLEBSIELLA PNEUMONIAE IN NEWBORNS WITH LOCALIZED AND GENERALIZED FORMS OF INFECTION. <i>Rossiyskiy Vestnik Perinatologii I Pediatrii</i> , 2018 , 63, 139-146	0.4	1
182	Analysis of the Effect of Mesenchymal Stem Cells Culture with Interleukin 2 Overexpression on Human Mononuclear Cells Activation in Vitro. <i>Blood</i> , 2018 , 132, 3712-3712	2.2	
181	IL-6 As a Potential Cell Released Marker of Prostate Cancer Cell Death. <i>Blood</i> , 2018 , 132, 4964-4964	2.2	
180	Umbilical Cord Blood Mononuclear Cells for Ex-Vivo Gene Therapy. <i>Blood</i> , 2018 , 132, 5797-5797	2.2	
179	Population Analysis of the HLA-a* and -B* Allele Frequency in Bone Marrow Donors, Republic of Tatarstan, Russia. <i>Blood</i> , 2018 , 132, 5772-5772	2.2	
178	Screening for Immunosuppressive Genes Responsible for Resistance Towards CAR-T Cell Therapy in Cancer Cells. <i>Blood</i> , 2018 , 132, 4965-4965	2.2	
177	Isatin-Schiff base-copper (II) complex induces cell death in p53-positive tumors. <i>Cell Death Discovery</i> , 2018 , 4, 103	6.9	24
176	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	6.1	12
175	New Approaches to Tay-Sachs Disease Therapy. <i>Frontiers in Physiology</i> , 2018 , 9, 1663	4.6	37
174	Recombinant Viruses for Cancer Therapy. <i>Biomedicines</i> , 2018 , 6,	4.8	18
173	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	5.6	12

172	History of ZIKV Infections in India and Management of Disease Outbreaks. <i>Frontiers in Microbiology</i> , 2018 , 9, 2126	5.7	8
171	Virulence Factors and Antibiotic Resistance of Strains Isolated From Neonates With Sepsis. <i>Frontiers in Medicine</i> , 2018 , 5, 225	4.9	33
170	Changes in HLA-DR Expression on Monocytes and Lymphocytes in Neonatal Sepsis. <i>BioNanoScience</i> , 2018 , 8, 647-653	3.4	1
169	Fourier Transform Infrared Spectroscopy Analysis of Human Osteosarcoma Bone Tissue. <i>BioNanoScience</i> , 2018 , 8, 481-483	3.4	1
168	Evaluation of Cytochalasin B-Induced Membrane Vesicles Fusion Specificity with Target Cells. <i>BioMed Research International</i> , 2018 , 2018, 7053623	3	16
167	Antioxidant and Immune Effects of Water Soluble Polysaccharides Isolated from <i>Cinnamomum verum</i> Bark. <i>BioNanoScience</i> , 2018 , 8, 935-940	3.4	1
166	Lethal toxic Dose (i.p LD50), total protein contents and comparative hemolytic potential of (99mTc labeled & non-labeled) <i>Naja naja karachiensis</i> venom. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2018 , 31, 685-689	0.4	1
165	A new hope for obesity management: Boron inhibits adipogenesis in progenitor cells through the Wnt/ β -catenin pathway. <i>Metabolism: Clinical and Experimental</i> , 2017 , 69, 130-142	12.7	25
164	Androgen dependent mechanisms of pro-angiogenic networks in placental and tumor development. <i>Placenta</i> , 2017 , 56, 79-85	3.4	7
163	Genetic Diversity of Puumala Virus Isolates in the Republic of Tatarstan and the Republic of Mordovia. <i>BioNanoScience</i> , 2017 , 7, 309-312	3.4	3
162	Effect of Adenoviral Transduction of Hepatic Stellate Cells with Adv5-optHGF-RFP on their Phenotype. <i>BioNanoScience</i> , 2017 , 7, 419-422	3.4	1
161	Origin and characterization of alpha smooth muscle actin-positive cells during murine lung development. <i>Stem Cells</i> , 2017 , 35, 1566-1578	5.8	37
160	Native and Activated Hepatic Stellate Cells Stimulate Liver Regeneration in Rats After Partial Hepatectomy and 2-Acetylaminofluorene Injection. <i>BioNanoScience</i> , 2017 , 7, 246-250	3.4	
159	Schiff base-Poloxamer P85 combination demonstrates chemotherapeutic effect on prostate cancer cells in vitro. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 86, 492-501	7.5	12
158	Testing Genes Implicated in the Novel Case of Familial Hemiplegic Migraine. <i>BioNanoScience</i> , 2017 , 7, 265-268	3.4	2
157	Differences in the Serum VEGF Are Not Associated with Differences in Cytokine Isoforms in Nephropathia Epidemica. <i>BioNanoScience</i> , 2017 , 7, 313-315	3.4	
156	The Group A Streptococcus (GAS) and Oxidative Stress Interaction. <i>BioNanoScience</i> , 2017 , 7, 233-236	3.4	1
155	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	3.9	12

154	Distribution and Survival of Transplanted Adipose-Derived Mesenchymal Stem Cells in the Spinal Cord Injury. <i>BioNanoScience</i> , 2017 , 7, 608-612	3.4	6
153	Analysis of Serum Cytokines and Single-Nucleotide Polymorphisms of SOD1, SOD2, and CAT in Erysipelas Patients. <i>Journal of Immunology Research</i> , 2017 , 2017, 2157247	4.5	6
152	Comment on "World's First Clinical Case of Gene-Activated Bone Substitute Application". <i>Case Reports in Dentistry</i> , 2017 , 2017, 4383926	0.6	
151	Assessment of Influences of Stenoses in Right Carotid Artery on Left Carotid Artery Using Wall Stress Marker. <i>BioMed Research International</i> , 2017 , 2017, 2935195	3	21
150	Serum Cytokine Profile in a Patient Diagnosed with Dysferlinopathy. <i>Case Reports in Medicine</i> , 2017 , 2017, 3615354	0.7	1
149	Comparative Assessment of Cytokine Pattern in Early and Late Onset of Neonatal Sepsis. <i>Journal of Immunology Research</i> , 2017 , 2017, 8601063	4.5	29
148	Cytochalasin B-induced membrane vesicles convey angiogenic activity of parental cells. <i>Oncotarget</i> , 2017 , 8, 70496-70507	3.3	21
147	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	6.9	41
146	Recombinant Plasmid DNA Construct Encoding Combination of vegf165 and bmp2 cDNAs Stimulates Osteogenesis and Angiogenesis In Vitro. <i>BioNanoScience</i> , 2017 , 7, 288-293	3.4	2
145	Application of Allogenic Adipose-Derived Multipotent Mesenchymal Stromal Cells from Cat for Tibial Bone Pseudoarthrosis Therapy (Case Report). <i>BioNanoScience</i> , 2017 , 7, 207-211	3.4	2
144	Characteristics of Antibiotic Resistance Nasopharyngeal Strains of Streptococcus pneumoniae in Children Suffering from Respiratory Pathologies. <i>BioNanoScience</i> , 2017 , 7, 182-185	3.4	1
143	Virtual Biotechnological Lab Development. <i>BioNanoScience</i> , 2017 , 7, 363-365	3.4	8
142	RNA Editing for Muscular Dystrophy Therapy. <i>BioNanoScience</i> , 2017 , 7, 386-389	3.4	1
141	Current Trends in Regenerative Medicine: From Cell to Cell-Free Therapy. <i>BioNanoScience</i> , 2017 , 7, 240-245	3.4	34
140	Tandem Delivery of Multiple Therapeutic Genes Using Umbilical Cord Blood Cells Improves Symptomatic Outcomes in ALS. <i>Molecular Neurobiology</i> , 2017 , 54, 4756-4763	6.2	19
139	Genetic Polymorphisms and Bacterial Infections in Neonates. <i>BioNanoScience</i> , 2017 , 7, 78-84	3.4	2
138	Use of Gene-Activated Demineralized Bone Allograft in the Therapy of Ulnar Pseudarthrosis. Case Report. <i>BioNanoScience</i> , 2017 , 7, 194-198	3.4	4
137	Multiplex Analysis of the Activation of the Immune System after Transection of the Rat Sciatic Nerve. <i>BioNanoScience</i> , 2017 , 7, 170-176	3.4	1

136	EPR Detection of DNA Interaction with 3-Carboxy-proxyl-Labelled Recombinant Human Histone H1.3. <i>BioNanoScience</i> , 2017 , 7, 109-111	3-4	
135	Generation of Human Adipose-Derived Stem Cell Lines with Expression of TESC Gene. <i>BioNanoScience</i> , 2017 , 7, 92-96	3-4	3
134	Surgical Procedure for Extracting Pig Teeth for Isolation and Cultivation of Mesenchymal Stem Cells from Dental Pulp for Regenerative Therapy Applications. <i>BioNanoScience</i> , 2017 , 7, 101-105	3-4	1
133	Expression of Staphylokinase Gene <i>S. aureus</i> Strains Isolated from Breast Milk and Clinical Outcomes in Breastfed Infants. <i>BioNanoScience</i> , 2017 , 7, 368-372	3-4	
132	Genetic Characterization of Small (s)-Segment Genome Puumala Virus Strain Kazan. <i>BioNanoScience</i> , 2017 , 7, 316-319	3-4	3
131	Detection of Antibodies Recognizing Puumala Virus Nucleocapsid and Glycoprotein Peptides in NE Serum. <i>BioNanoScience</i> , 2017 , 7, 201-203	3-4	
130	MicroRNA-142 is a multifaceted regulator in organogenesis, homeostasis, and disease. <i>Developmental Dynamics</i> , 2017 , 246, 285-290	2.9	55
129	The Role of CYP1A1 Gene Polymorphism in Patients with Erysipelas. <i>BioNanoScience</i> , 2017 , 7, 648-653	3-4	1
128	Human Umbilical Cord Blood Cell Transplantation in Neuroregenerative Strategies. <i>Frontiers in Pharmacology</i> , 2017 , 8, 628	5.6	16
127	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	3.1	12
126	Elevated Levels of Proinflammatory Cytokines in Cerebrospinal Fluid of Multiple Sclerosis Patients. <i>Frontiers in Immunology</i> , 2017 , 8, 531	8.4	73
125	Serum Cytokine Profiles Differentiating Hemorrhagic Fever with Renal Syndrome and Hantavirus Pulmonary Syndrome. <i>Frontiers in Immunology</i> , 2017 , 8, 567	8.4	26
124	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	8.4	20
123	Divergent Immunomodulation Capacity of Individual Myelin Peptides-Components of Liposomal Therapeutic against Multiple Sclerosis. <i>Frontiers in Immunology</i> , 2017 , 8, 1335	8.4	6
122	Cerebellar Atrophy and Changes in Cytokines Associated with the R583Q Mutation in a Russian Familial Hemiplegic Migraine Type 1 Family. <i>Frontiers in Cellular Neuroscience</i> , 2017 , 11, 263	6.1	9
121	Systemic and Local Cytokine Profile following Spinal Cord Injury in Rats: A Multiplex Analysis. <i>Frontiers in Neurology</i> , 2017 , 8, 581	4.1	26
120	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, 9857918	3.3	13
119	Crosstalk between Substrates and Rho-Associated Kinase Inhibitors in Cryopreservation of Tissue-Engineered Constructs. <i>Stem Cells International</i> , 2017 , 2017, 1380304	5	3

118	Protective Effect of Green Tea ((L.) Kuntze) against Prostate Cancer: From In Vitro Data to Algerian Patients. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017 , 2017, 1691568	2.3	12
117	Cytokine Profile of Patients with Allergic Rhinitis Caused by Pollen, Mite, and Microbial Allergen Sensitization. <i>Journal of Immunology Research</i> , 2017 , 2017, 3054217	4.5	14
116	Aqueous Extract Improves Stability and Function of Cryopreserved Human Mesenchymal Stem Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2017 , 2017, 8530656	6.7	3
115	Antibiotics target MCF-7 breast cancer stem cells in hypoxic environment.. <i>Journal of Clinical Oncology</i> , 2017 , 35, e14068-e14068	2.2	
114	The expression of pluripotency genes regulates properties of cancer stem cells in MCF-7 breast cancer model.. <i>Journal of Clinical Oncology</i> , 2017 , 35, e23018-e23018	2.2	
113	Construction of recombinant adenovirus containing picorna-viral 2A-peptide sequence for the co-expression of neuro-protective growth factors in human umbilical cord blood cells. <i>Spinal Cord</i> , 2016 , 54, 423-30	2.7	6
112	A Genome-Wide Analysis of mRNA Expression in Human Tooth Germ Stem Cells Treated with Pluronic P85. <i>BioNanoScience</i> , 2016 , 6, 392-402	3.4	
111	Gastric Microbiota and Morphological Changes of the Gastroduodenal Tract Associated with Helicobacter Pylori Infection. <i>BioNanoScience</i> , 2016 , 6, 483-486	3.4	1
110	Stratifying Heterogeneous Dimension of Neurodegenerative Diseases: Intervention for Stipulating Epigenetic Factors to Combat Oxidative Stress in Human Brain. <i>BioNanoScience</i> , 2016 , 6, 411-422	3.4	2
109	Effect of Cisplatin on Ultrastructure and Viability of Adipose-Derived Mesenchymal Stem Cells. <i>BioNanoScience</i> , 2016 , 6, 534-539	3.4	13
108	Effect of GDNF on Morphology, Proliferation, and Phagocytic Activity of Rat Neonatal Cortex Isolated Microglia. <i>BioNanoScience</i> , 2016 , 6, 379-383	3.4	3
107	Effects of intranasal administration of the peptide antagonist of type I vanilloid receptor (TRPV1) in the rodent central nervous system. <i>Doklady Biological Sciences</i> , 2016 , 470, 234-236	0.9	1
106	Generation of Plasmid DNA Expressing Species-Specific Horse VEGF164 and FGF2 Factors for Gene Therapy. <i>BioNanoScience</i> , 2016 , 6, 550-553	3.4	3
105	Genetically Engineered Dental Stem Cells for Regenerative Medicine. <i>Pancreatic Islet Biology</i> , 2016 , 93-107		1
104	Human adipose-derived stem cells stimulate neuroregeneration. <i>Clinical and Experimental Medicine</i> , 2016 , 16, 451-61	4.9	21
103	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, 2453-64	10.1	38
102	Breast Cancer Stem Cell Isolation. <i>Methods in Molecular Biology</i> , 2016 , 1406, 121-35	1.4	21
101	Full-genome study of gene expression in lumbar spinal cord of mice after 30-day space flight on Bion-M1 biosatellite. <i>Acta Astronautica</i> , 2016 , 122, 231-236	2.9	3

100	Non-invasive topical drug delivery to spinal cord with carboxyl-modified trifunctional copolymer of ethylene oxide and propylene oxide. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 140, 196-203	6	2
99	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, 347-59	2.7	21
98	The Skin-Brain Connection Hypothesis, Bringing Together CCL27-Mediated T-Cell Activation in the Skin and Neural Cell Damage in the Adult Brain. <i>Frontiers in Immunology</i> , 2016 , 7, 683	8.4	8
97	Spectral calibration of CCDs and multilayer filters intended for future space applications 2016 ,		1
96	The Universal Non-Neuronal Nature of Parkinson's Disease: A Theory. <i>Central Asian Journal of Global Health</i> , 2016 , 5, 231	0.8	0
95	Genetically modified human umbilical cord blood cells as a promising strategy for treatment of spinal cord injury. <i>Neural Regeneration Research</i> , 2016 , 11, 1420-1421	4.5	1
94	Phenozan Influence on the Physiological-Biochemical Parameters of the Young Minks Leading to Their Advanced Properties. <i>International Journal of Zoology</i> , 2016 , 2016, 1-6	1.1	0
93	High Triglycerides Are Associated with Low Thrombocyte Counts and High VEGF in Nephropathia Epidemica. <i>Journal of Immunology Research</i> , 2016 , 2016, 8528270	4.5	5
92	Serum Cytokine Profiles in Children with Crohn's Disease. <i>Mediators of Inflammation</i> , 2016 , 2016, 74201273	4.3	7
91	Recent Advances and Future Direction in Lyophilisation and Desiccation of Mesenchymal Stem Cells. <i>Stem Cells International</i> , 2016 , 2016, 3604203	5	22
90	Diet, Lifestyles, Family History, and Prostate Cancer Incidence in an East Algerian Patient Group. <i>BioMed Research International</i> , 2016 , 2016, 5730569	3	6
89	Hantavirus Infection Suppresses Thrombospondin-1 Expression in Cultured Endothelial Cells in a Strain-Specific Manner. <i>Frontiers in Microbiology</i> , 2016 , 7, 1077	5.7	4
88	Serum Cytokine Signature That Discriminates Positive and Negative Juvenile Gastroduodenitis. <i>Frontiers in Microbiology</i> , 2016 , 7, 1916	5.7	6
87	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	3.7	19
86	Previously Unidentified Single Nucleotide Polymorphisms in HIV/AIDS Cases Associate with Clinical Parameters and Disease Progression. <i>BioMed Research International</i> , 2016 , 2016, 2742648	3	10
85	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	24
84	Increased Expression of Clusterin in Kidney of a Fatal Nephropathia Epidemica Case. <i>BioNanoScience</i> , 2016 , 6, 453-456	3-4	
83	Transcriptional Analysis of Blood Lymphocytes and Skin Fibroblasts, Keratinocytes, and Endothelial Cells as a Potential Biomarker for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016 , 54, 1373-1383	4.3	6

82	Reflective Schmidt-Cassegrain system for large-aperture telescopes. <i>Applied Optics</i> , 2016 , 55, 4430-5	0.2	11
81	Epidemiological dynamics of nephropathia epidemica in the Republic of Tatarstan, Russia, during the period of 1997-2013. <i>Epidemiology and Infection</i> , 2016 , 144, 618-26	4.3	11
80	Emerging roles of the single EF-hand Ca ²⁺ sensor tescalcin in the regulation of gene expression, cell growth and differentiation. <i>Journal of Cell Science</i> , 2016 , 129, 3533-3540	5.3	12
79	Genome-wide association analysis identifies genetic variations in subjects with myalgic encephalomyelitis/chronic fatigue syndrome. <i>Translational Psychiatry</i> , 2016 , 6, e730	8.6	37
78	Structural Changes in the Pancreas and Its Blood Vessels at the Early Stages of Ischemia. <i>BioNanoScience</i> , 2016 , 6, 293-296	3.4	2
77	Lentivirus Expression of Hantavirus Nucleocapsid Proteins. <i>BioNanoScience</i> , 2016 , 6, 403-406	3.4	
76	Ubiquitin-Proteasome System: Promising Therapeutic Targets in Autoimmune and Neurodegenerative Diseases. <i>BioNanoScience</i> , 2016 , 6, 341-344	3.4	14
75	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, L1014-24	5.8	15
74	Novel water-soluble methanofullerenes C ₆₀ [C ₁₃ H ₁₈ O ₄ (OH) ₄] ₆ and C ₆₀ [C ₉ H ₁₀ O ₄ (OH) ₄] ₆ : Promising uncouplers of respiration and phosphorylation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 5250-3	2.9	3
73	Improved cognitive, affective and anxiety measures in patients with chronic systemic disorders following structured physical activity. <i>Diabetes and Vascular Disease Research</i> , 2015 , 12, 445-54	3.3	13
72	ISDN2014_0113: REMOVED: Stromal vascular fraction in peripheral nerve regeneration. <i>International Journal of Developmental Neuroscience</i> , 2015 , 47, 32-32	2.7	1
71	Synaptosome-associated protein 25 (SNAP25) synthesis in terminal buttons of mouse motor neuron. <i>Doklady Biochemistry and Biophysics</i> , 2015 , 464, 272-4	0.8	9
70	Cytokine expression provides clues to the pathophysiology of Gulf War illness and myalgic encephalomyelitis. <i>Cytokine</i> , 2015 , 72, 1-8	4	42
69	Inflammatory cytokines kinetics define the severity and phase of nephropathia epidemica. <i>Biomarkers in Medicine</i> , 2015 , 9, 99-107	2.3	13
68	Psychological and Cognitive Profile of Hypertensive and Diabetic Patients. <i>Journal of Nervous and Mental Disease</i> , 2015 , 203, 781-5	1.8	7
67	Multiplex Analysis of Serum Cytokines in Humans with Hantavirus Pulmonary Syndrome. <i>Frontiers in Immunology</i> , 2015 , 6, 432	8.4	29
66	Gut-Associated Plasmacytoid Dendritic Cells Display an Immature Phenotype and Upregulated Granzyme B in Subjects with HIV/AIDS. <i>Frontiers in Immunology</i> , 2015 , 6, 485	8.4	9
65	Hantaviral Proteins: Structure, Functions, and Role in Hantavirus Infection. <i>Frontiers in Microbiology</i> , 2015 , 6, 1326	5.7	42

64	Generation and Validation of miR-142 Knock Out Mice. <i>PLoS ONE</i> , 2015 , 10, e0136913	3.7	20
63	Gene Expression Profiling of H9c2 Myoblast Differentiation towards a Cardiac-Like Phenotype. <i>PLoS ONE</i> , 2015 , 10, e0129303	3.7	69
62	CCL27: Novel Cytokine with Potential Role in Pathogenesis of Multiple Sclerosis. <i>BioMed Research International</i> , 2015 , 2015, 189638	3	16
61	Plasmacytoid dendritic cells, a role in neoplastic prevention and progression. <i>European Journal of Clinical Investigation</i> , 2015 , 45 Suppl 1, 1-8	4.6	36
60	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, 266-76	4.3	35
59	Genomic analysis of mouse lumbar spinal cord after 30-day space flight on biosatellite Bion-M1. <i>Doklady Biochemistry and Biophysics</i> , 2014 , 458, 177-8	0.8	2
58	Characterization of spinal cord glial cells in a model of hindlimb unloading in mice. <i>Neuroscience</i> , 2014 , 280, 328-39	3.9	17
57	Over-expression of Oct4 and Sox2 transcription factors enhances differentiation of human umbilical cord blood cells in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 451, 503-9 ³ 4		6
56	Bacterial enzymes effectively digest Alzheimer's ß-amyloid peptide. <i>Brain Research Bulletin</i> , 2014 , 108, 113-7	3.9	11
55	Upregulation of IFN-ß 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, 2149-56 ⁵ 3		15
54	Conjugates of a photoactivated rhodamine with biopolymers for cell staining. <i>Scientific World Journal, The</i> , 2014 , 2014, 285405	2.2	1
53	Differential immuno-reactivity to genomic DNA, RNA and mitochondrial DNA is associated with auto-immunity. <i>Cellular Physiology and Biochemistry</i> , 2014 , 34, 2200-8	3.9	8
52	ß-Adrenergic Over-Stimulation and Cardio-Myocyte Apoptosis: Two Receptors, One Organelle, Two Fates?. <i>Current Drug Targets</i> , 2014 , 15, 956-964	3	6
51	Human cognitive and neuro-psychiatric bio-markers in the cardiac peri-operative patient. <i>Current Molecular Medicine</i> , 2014 , 14, 1155-63	2.5	2
50	Effects of Transplantation of Human Cord Blood Mononuclear Cells Expressing the Recombinant VEGF and FGF2 Genes into Spinal Cord Traumatic Injury Sites in Rats. <i>Neuroscience and Behavioral Physiology</i> , 2013 , 43, 597-601	0.3	1
49	Effect of hindlimb unloading on myelinated fibers in the mouse lumbar spinal cord. <i>Doklady Biological Sciences</i> , 2013 , 452, 266-8	0.9	1
48	Analysis of the efficiency of gene-cell therapy in transgenic mice with amyotrophic lateral sclerosis phenotype. <i>Bulletin of Experimental Biology and Medicine</i> , 2013 , 154, 558-61	0.8	4
47	Usage of plasmid vector carrying vegf and fgf2 genes after spinal cord injury in rats. <i>Bulletin of Experimental Biology and Medicine</i> , 2013 , 154, 544-7	0.8	5

46	Composition of the oil-slime microbial community as determined by analysis of the 16S rRNA gene. <i>Microbiology</i> , 2013 , 82, 637-641	1.4	2
45	Effect of F68 on cryopreservation of mesenchymal stem cells derived from human tooth germ. <i>Applied Biochemistry and Biotechnology</i> , 2013 , 171, 1819-31	3.2	16
44	Death-domain associated protein-6 (DAXX) mediated apoptosis in hantavirus infection is counter-balanced by activation of interferon-stimulated nuclear transcription factors. <i>Virology</i> , 2013 , 443, 338-48	3.6	4
43	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, 122-30	16.6	27
42	Andes-virus-induced cytokine storm is partially suppressed by ribavirin. <i>Antiviral Therapy</i> , 2013 , 18, 575-846	8.6	7
41	Transformation of Human Umbilical Cord Blood Cells to Support Neuro-Regeneration in the Diseased Brain 2013 , 25-33		
40	Human dendritic cells transfected with a human papilloma virus-18 construct display decreased mobility and upregulated cytokine production. <i>International Journal of Oncology</i> , 2013 , 43, 1701-9	4.4	7
39	Plasmacytoid dendritic cells in the duodenum of individuals diagnosed with myalgic encephalomyelitis are uniquely immunoreactive to antibodies to human endogenous retroviral proteins. <i>In Vivo</i> , 2013 , 27, 177-87	2.3	11
38	Gold- and Silver-based Nano-Particles Influence Pseudo-Typed Lenti-viral Infection. <i>Current Nanoscience</i> , 2013 , 9, 693-697	1.4	2
37	Biological insight, high-throughput datasets and the nature of neuro-degenerative disorders. <i>Current Drug Metabolism</i> , 2013 , 14, 814-8	3.5	1
36	Post-Traumatic Changes in the Spinal Cord in Rats after Transplantation of Mononuclear Cells from Human Umbilical Blood Modified with the vegf and fgf2 Genes. <i>Neuroscience and Behavioral Physiology</i> , 2012 , 42, 1012-1018	0.3	
35	Peripheral blood mono-nuclear cells derived from Alzheimer's disease patients show elevated baseline levels of secreted cytokines but resist stimulation with β amyloid peptide. <i>Molecular and Cellular Neurosciences</i> , 2012 , 49, 77-84	4.8	23
34	Disease-specific expression of the serotonin-receptor 5-HT(2C) in natural killer cells in Alzheimer's dementia. <i>Journal of Neuroimmunology</i> , 2012 , 251, 73-9	3.5	16
33	Differentiation of human stem cells is promoted by amphiphilic pluronic block copolymers. <i>International Journal of Nanomedicine</i> , 2012 , 7, 4849-60	7.3	35
32	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, 91-8	3.7	36
31	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, 650-6	4.7	50
30	RNA interference and amyotrophic lateral sclerosis. <i>Current Drug Metabolism</i> , 2011 , 12, 679-83	3.5	1
29	Different sensitivities of rat skeletal muscles and brain to novel anti-cholinesterase agents, alkylammonium derivatives of 6-methyluracil (ADEMS). <i>British Journal of Pharmacology</i> , 2011 , 163, 732-44	8.6	14

28	Genomic study of gene expression in the mouse lumbar spinal cord under the conditions of simulated microgravity. <i>Doklady Biological Sciences</i> , 2011 , 439, 197-200	0.9	4
27	Differentiation and neuro-protective properties of immortalized human tooth germ stem cells. <i>Neurochemical Research</i> , 2011 , 36, 2227-35	4.6	23
26	Binding and purification of plasmid DNA using multi-layered carbon nanotubes. <i>Journal of Biotechnology</i> , 2011 , 152, 102-7	3.7	16
25	Evaluation of post-surgical cognitive function and protein fingerprints in the cerebro-spinal fluid utilizing surface-enhanced laser Desorption/Ionization time-of-flight mass-spectrometry (SELDI-TOF MS) after coronary artery bypass grafting: review of proteomic analytic tools and introducing a new syndrome. <i>Current Medicinal Chemistry</i> , 2011 , 18, 1019-37	4.3	3
24	A new story about an old guy: is Alzheimer's disease infectious?. <i>Neurodegenerative Diseases</i> , 2010 , 7, 272-8	2.3	10
23	Induction of pluripotency in human endothelial cells resets epigenetic profile on genome scale. <i>Cell Cycle</i> , 2010 , 9, 937-46	4.7	74
22	Human tooth germ stem cells preserve neuro-protective effects after long-term cryo-preservation. <i>Current Neurovascular Research</i> , 2010 , 7, 49-58	1.8	40
21	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, 105-13	3.5	97
20	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, 253-9	5.7	19
19	Coronary artery bypass surgery provokes Alzheimer's disease-like changes in the cerebrospinal fluid. <i>Journal of Alzheimer's Disease</i> , 2010 , 21, 1153-64	4.3	62
18	In the name of science: don't tamper with the deceptive truth. <i>Mini-Reviews in Medicinal Chemistry</i> , 2009 , 9, 1676-7	3.2	
17	Potential role of dental stem cells in the cellular therapy of cerebral ischemia. <i>Current Pharmaceutical Design</i> , 2009 , 15, 3908-16	3.3	42
16	Purification of a subtilisin-like serine proteinase from recombinant <i>Bacillus subtilis</i> during different phases of growth. <i>Annals of Microbiology</i> , 2009 , 59, 301-307	3.2	4
15	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, 1272-7	4.6	46
14	Retrogradely transported siRNA silences human mutant SOD1 in spinal cord motor neurons. <i>Experimental Brain Research</i> , 2009 , 195, 1-4	2.3	16
13	Carbon nanotube-based biosensors for DNA structure characterization. <i>Applied Biochemistry and Microbiology</i> , 2009 , 45, 229-232	1.1	8
12	Human umbilical cord blood cells transfected with VEGF and L(1)CAM 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, 389-94	4.4	48
11	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, 327-34	4.1	14

10	Identification of a monoclonal antibody from <i>Peromyscus maniculatus</i> (deer mouse) cytomegalovirus (PCMV) which binds to a protein with homology to the human CMV matrix protein HCMV pp71. <i>Journal of Virological Methods</i> , 2005 , 123, 9-15	2.6	
9	Interactions and trafficking of Andes and Sin Nombre Hantavirus glycoproteins G1 and G2. <i>Virology</i> , 2005 , 331, 307-15	3.6	28
8	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, 167-76	3.6	39
7	Andes virus stimulates interferon-inducible MxA protein expression in endothelial cells. <i>Journal of Medical Virology</i> , 2005 , 75, 267-75	19.7	47
6	Development of reassortant viruses between pathogenic hantavirus strains. <i>Virology</i> , 2004 , 327, 225-32	3.6	25
5	Regulation of cellular gene expression in endothelial cells by sin nombre and prospect hill viruses. <i>Viral Immunology</i> , 2004 , 17, 234-51	1.7	34
4	Generation of a recombinant cytomegalovirus for expression of a hantavirus glycoprotein. <i>Journal of Virology</i> , 2003 , 77, 12203-10	6.6	26
3	Application of Mesenchymal Stem Cells Derived Artificial Microvesicles for the Treatment of Canine Skin Wound. <i>BioNanoScience</i> ,1	3.4	
2	In Vivo Visualization of Stable Neuroblastoma Cell Lines with Overexpression of Firefly Luciferase or Far-Red Fluorescent Protein. <i>BioNanoScience</i> ,1	3.4	
1	Intranasal Administration of Microvesicles in the Brain of Mice with Induced Model of Alzheimer β Type of Neurodegeneration. <i>BioNanoScience</i> ,1	3.4	