

Albert Rizvanov

List of Publications by Citations

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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	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
350	Application of Mesenchymal Stem Cells for Therapeutic Agent Delivery in Anti-tumor Treatment. <i>Frontiers in Pharmacology</i> , 2018 , 9, 259	5.6	91
349	World Health Organization Report: Current Crisis of Antibiotic Resistance. <i>BioNanoScience</i> , 2019 , 9, 778-788	7.8	84
348	Induction of pluripotency in human endothelial cells resets epigenetic profile on genome scale. <i>Cell Cycle</i> , 2010 , 9, 937-46	4.7	74
347	Elevated Levels of Proinflammatory Cytokines in Cerebrospinal Fluid of Multiple Sclerosis Patients. <i>Frontiers in Immunology</i> , 2017 , 8, 531	8.4	73
346	Therapeutic Prospects of Extracellular Vesicles in Cancer Treatment. <i>Frontiers in Immunology</i> , 2018 , 9, 1534	8.4	69
345	Gene Expression Profiling of H9c2 Myoblast Differentiation towards a Cardiac-Like Phenotype. <i>PLoS ONE</i> , 2015 , 10, e0129303	3.7	69
344	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
343	Therapeutic Application of Mesenchymal Stem Cells Derived Extracellular Vesicles for Immunomodulation. <i>Frontiers in Immunology</i> , 2019 , 10, 2663	8.4	60
342	MicroRNA-142 is a multifaceted regulator in organogenesis, homeostasis, and disease. <i>Developmental Dynamics</i> , 2017 , 246, 285-290	2.9	55
341	Epidemiology and Risk Factors of Osteosarcoma. <i>Cancer Investigation</i> , 2020 , 38, 259-269	2.1	52
340	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
339	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
338	Andes virus stimulates interferon-inducible MxA protein expression in endothelial cells. <i>Journal of Medical Virology</i> , 2005 , 75, 267-75	19.7	47
337	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
336	Therapeutic Potential of Extracellular Vesicles for the Treatment of Nerve Disorders. <i>Frontiers in Neuroscience</i> , 2019 , 13, 163	5.1	45
335	Different Approaches to Modulation of Microglia Phenotypes After Spinal Cord Injury. <i>Frontiers in Systems Neuroscience</i> , 2019 , 13, 37	3.5	44

334	Cytokine expression provides clues to the pathophysiology of Gulf War illness and myalgic encephalomyelitis. <i>Cytokine</i> , 2015 , 72, 1-8	4	42
333	Hantaviral Proteins: Structure, Functions, and Role in Hantavirus Infection. <i>Frontiers in Microbiology</i> , 2015 , 6, 1326	5.7	42
332	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
331	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
330	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
329	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
328	Extracellular vesicles in the diagnosis and treatment of central nervous system diseases. <i>Neural Regeneration Research</i> , 2020 , 15, 586-596	4.5	40
327	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
326	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
325	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
324	Cell Culture Based Test Systems for Anticancer Drug Screening. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 322	5.8	37
323	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
322	New Approaches to Tay-Sachs Disease Therapy. <i>Frontiers in Physiology</i> , 2018 , 9, 1663	4.6	37
321	Advancing CAR T-Cell Therapy for Solid Tumors: Lessons Learned from Lymphoma Treatment. <i>Cancers</i> , 2020 , 12,	6.6	36
320	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
319	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
318	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
317	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

316	MicroRNA Post-transcriptional Regulation of the NLRP3 Inflammasome in Immunopathologies. <i>Frontiers in Pharmacology</i> , 2019 , 10, 451	5.6	34
315	Current Trends in Regenerative Medicine: From Cell to Cell-Free Therapy. <i>BioNanoScience</i> , 2017 , 7, 240-245	5.4	34
314	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
313	Virulence Factors and Antibiotic Resistance of Strains Isolated From Neonates With Sepsis. <i>Frontiers in Medicine</i> , 2018 , 5, 225	4.9	33
312	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
311	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
310	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
309	Multiplex Analysis of Serum Cytokines in Humans with Hantavirus Pulmonary Syndrome. <i>Frontiers in Immunology</i> , 2015 , 6, 432	8.4	29
308	Promising Applications of Tumor Spheroids and Organoids for Personalized Medicine. <i>Cancers</i> , 2020 , 12,	6.6	29
307	Metadherin: A Therapeutic Target in Multiple Cancers. <i>Frontiers in Oncology</i> , 2019 , 9, 349	5.3	28
306	Interactions and trafficking of Andes and Sin Nombre Hantavirus glycoproteins G1 and G2. <i>Virology</i> , 2005 , 331, 307-15	3.6	28
305	Adipose-Derived Mesenchymal Stem Cells Applied in Fibrin Glue Stimulate Peripheral Nerve Regeneration. <i>Frontiers in Medicine</i> , 2019 , 6, 68	4.9	27
304	Role of Viruses in the Pathogenesis of Multiple Sclerosis. <i>Viruses</i> , 2020 , 12,	6.2	27
303	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
302	Serum Cytokine Profiles Differentiating Hemorrhagic Fever with Renal Syndrome and Hantavirus Pulmonary Syndrome. <i>Frontiers in Immunology</i> , 2017 , 8, 567	8.4	26
301	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
300	Generation of a recombinant cytomegalovirus for expression of a hantavirus glycoprotein. <i>Journal of Virology</i> , 2003 , 77, 12203-10	6.6	26
299	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

298	Development of reassortant viruses between pathogenic hantavirus strains. <i>Virology</i> , 2004 , 327, 225-32	3.6	25
297	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
296	Isatin-Schiff base-copper (II) complex induces cell death in p53-positive tumors. <i>Cell Death Discovery</i> , 2018 , 4, 103	6.9	24
295	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
294	Differentiation and neuro-protective properties of immortalized human tooth germ stem cells. <i>Neurochemical Research</i> , 2011 , 36, 2227-35	4.6	23
293	Recent Advances and Future Direction in Lyophilisation and Desiccation of Mesenchymal Stem Cells. <i>Stem Cells International</i> , 2016 , 2016, 3604203	5	22
292	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
291	Mouse Tumor Models for Advanced Cancer Immunotherapy. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	21
290	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
289	Cytochalasin B-induced membrane vesicles convey angiogenic activity of parental cells. <i>Oncotarget</i> , 2017 , 8, 70496-70507	3.3	21
288	Human adipose-derived stem cells stimulate neuroregeneration. <i>Clinical and Experimental Medicine</i> , 2016 , 16, 451-61	4.9	21
287	Breast Cancer Stem Cell Isolation. <i>Methods in Molecular Biology</i> , 2016 , 1406, 121-35	1.4	21
286	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
285	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
284	Application of CAR-T Cell Therapy beyond Oncology: Autoimmune Diseases and Viral Infections. <i>Biomedicines</i> , 2021 , 9,	4.8	21
283	Adoptive Immunotherapy beyond CAR T-Cells. <i>Cancers</i> , 2021 , 13,	6.6	21
282	Zika Virus Transmission Through Blood Tissue Barriers. <i>Frontiers in Microbiology</i> , 2019 , 10, 1465	5.7	20
281	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

280	Generation and Validation of miR-142 Knock Out Mice. <i>PLoS ONE</i> , 2015 , 10, e0136913	3.7	20
279	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
278	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
277	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
276	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
275	Gene Therapy via Trans-Splicing for LMNA-Related Congenital Muscular Dystrophy. <i>Molecular Therapy - Nucleic Acids</i> , 2018 , 10, 376-386	10.7	18
274	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
273	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
272	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
271	Recombinant Viruses for Cancer Therapy. <i>Biomedicines</i> , 2018 , 6,	4.8	18
270	Proteomic Analysis of Human Serum from Patients with Chronic Kidney Disease. <i>Biomolecules</i> , 2020 , 10,	5.9	17
269	Characterization of spinal cord glial cells in a model of hindlimb unloading in mice. <i>Neuroscience</i> , 2014 , 280, 328-39	3.9	17
268	Role of Mesenchymal Stem Cell-Derived Extracellular Vesicles in Epithelial-Mesenchymal Transition. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	16
267	Urine-Derived Stem Cells: Applications in Regenerative and Predictive Medicine. <i>Cells</i> , 2020 , 9,	7.9	16
266	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
265	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
264	Human Umbilical Cord Blood Cell Transplantation in Neuroregenerative Strategies. <i>Frontiers in Pharmacology</i> , 2017 , 8, 628	5.6	16
263	CCL27: Novel Cytokine with Potential Role in Pathogenesis of Multiple Sclerosis. <i>BioMed Research International</i> , 2015 , 2015, 189638	3	16

262	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
261	Retrogradely transported siRNA silences human mutant SOD1 in spinal cord motor neurons. <i>Experimental Brain Research</i> , 2009 , 195, 1-4	2.3	16
260	Binding and purification of plasmid DNA using multi-layered carbon nanotubes. <i>Journal of Biotechnology</i> , 2011 , 152, 102-7	3.7	16
259	Evaluation of Cytochalasin B-Induced Membrane Vesicles Fusion Specificity with Target Cells. <i>BioMed Research International</i> , 2018 , 2018, 7053623	3	16
258	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
257	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
256	Upregulation of IFN- λ 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
255	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
254	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
253	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
252	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
251	Current Trends in Cancer Immunotherapy. <i>Biomedicines</i> , 2020 , 8,	4.8	14
250	Ubiquitin-Proteasome System: Promising Therapeutic Targets in Autoimmune and Neurodegenerative Diseases. <i>BioNanoScience</i> , 2016 , 6, 341-344	3.4	14
249	Production and Application of Multicistronic Constructs for Various Human Disease Therapies. <i>Pharmaceutics</i> , 2019 , 11,	6.4	14
248	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
247	Inflammatory cytokines kinetics define the severity and phase of nephropathia epidemica. <i>Biomarkers in Medicine</i> , 2015 , 9, 99-107	2.3	13
246	Metachromatic Leukodystrophy: Diagnosis, Modeling, and Treatment Approaches. <i>Frontiers in Medicine</i> , 2020 , 7, 576221	4.9	13
245	Therapeutic Editing of the Gene: Is CRISPR/Cas9 an Option?. <i>Genes</i> , 2020 , 11,	4.2	13

244	Effect of Cisplatin on Ultrastructure and Viability of Adipose-Derived Mesenchymal Stem Cells. <i>BioNanoScience</i> , 2016 , 6, 534-539	3.4	13
243	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
242	Potential therapeutic application of mesenchymal stem cells in ophthalmology. <i>Experimental Eye Research</i> , 2019 , 189, 107863	3.7	13
241	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
240	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
239	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
238	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
237	and Its Antibiotic Heteroresistance: A Neglected Issue in Published Guidelines. <i>Frontiers in Microbiology</i> , 2019 , 10, 1796	5.7	12
236	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
235	Genetic Factors of Nitric Oxide's System in Psychoneurologic Disorders. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	12
234	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
233	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
232	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
231	Novel Isatin-based activator of p53 transcriptional functions in tumor cells. <i>Molecular Biology Research Communications</i> , 2019 , 8, 119-128	1.6	12
230	Angiogenic Activity of Cytochalasin B-Induced Membrane Vesicles of Human Mesenchymal Stem Cells. <i>Cells</i> , 2019 , 9,	7.9	12
229	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
228	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
227	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

226	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
225	Computational Intelligence Technique for Prediction of Multiple Sclerosis Based on Serum Cytokines. <i>Frontiers in Neurology</i> , 2019 , 10, 781	4.1	11
224	Bacterial enzymes effectively digest Alzheimer's Amyloid peptide. <i>Brain Research Bulletin</i> , 2014 , 108, 113-7	3.9	11
223	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
222	Reflective Schmidt-Cassegrain system for large-aperture telescopes. <i>Applied Optics</i> , 2016 , 55, 4430-5	0.2	11
221	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
220	Inflammasomes as Targets for Adjuvants. <i>Pathogens</i> , 2020 , 9,	4.5	11
219	Knowns and Unknowns about CAR-T Cell Dysfunction.. <i>Cancers</i> , 2022 , 14,	6.6	11
218	A new story about an old guy: is Alzheimer's disease infectious?. <i>Neurodegenerative Diseases</i> , 2010 , 7, 272-8	2.3	10
217	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
216	In Vitro Angiogenic Properties of Plasmid DNA Encoding SDF-1 and VEGF165 Genes. <i>Applied Biochemistry and Biotechnology</i> , 2020 , 190, 773-788	3.2	10
215	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
214	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
213	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
212	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
211	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
210	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
209	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

208	Virtual Biotechnological Lab Development. <i>BioNanoScience</i> , 2017 , 7, 363-365	3.4	8
207	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
206	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
205	Carbon nanotube-based biosensors for DNA structure characterization. <i>Applied Biochemistry and Microbiology</i> , 2009 , 45, 229-232	1.1	8
204	Automating pandemic mitigation. <i>Advanced Robotics</i> , 2021 , 35, 572-589	1.7	8
203	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
202	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
201	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
200	History of ZIKV Infections in India and Management of Disease Outbreaks. <i>Frontiers in Microbiology</i> , 2018 , 9, 2126	5.7	8
199	Recent Advances in Experimental Dendritic Cell Vaccines for Cancer. <i>Frontiers in Oncology</i> , 2021 , 11, 730824	5.3	8
198	Androgen dependent mechanisms of pro-angiogenic networks in placental and tumor development. <i>Placenta</i> , 2017 , 56, 79-85	3.4	7
197	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
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