

Mohammad Ali Shokrgozar

List of Publications by Year in Descending Order

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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.

285
papers

8,492
citations

48
h-index

77
g-index

294
ext. papers

9,484
ext. citations

4.3
avg, IF

6.18
L-index

#	Paper	IF	Citations
285	Cartilage tissue regeneration using kartogenin loaded hybrid scaffold for the chondrogenic of adipose mesenchymal stem cells. <i>Journal of Drug Delivery Science and Technology</i> , 2022 , 103384	4.5	1
284	Crossing Phylums: Butterfly Wing as a Natural Perfusable Three-Dimensional (3D) Bioconstruct for Bone Tissue Engineering. <i>Journal of Functional Biomaterials</i> , 2022 , 13, 68	4.8	
283	Effect of Dioxane and N-Methyl-2-pyrrolidone as a Solvent on Biocompatibility and Degradation Performance of PLGA/nHA Scaffolds. <i>Iranian Biomedical Journal</i> , 2021 , 25, 408-16	2	0
282	Electroconductive scaffolds for tissue regeneration: Current opportunities, pitfalls, and potential solutions. <i>Materials Research Bulletin</i> , 2021 , 134, 111083	5.1	15
281	Combination Therapy of Breast Cancer by Codelivery of Doxorubicin and Survivin siRNA Using Polyethylenimine Modified Silk Fibroin Nanoparticles. <i>ACS Biomaterials Science and Engineering</i> , 2021 , 7, 1074-1087	5.5	10
280	PEGylated single-walled carbon nanotubes as co-adjuvants enhance expression of maturation markers in monocyte-derived dendritic cells. <i>Nanomedicine</i> , 2021 , 16, 171-188	5.6	2
279	Electro-conductive carbon nanofibers containing ferrous sulfate for bone tissue engineering. <i>Life Sciences</i> , 2021 , 282, 119602	6.8	3
278	Nano-adjuvant based on silk fibroin for the delivery of recombinant hepatitis B surface antigen. <i>Biomaterials Science</i> , 2021 , 9, 2679-2695	7.4	0
277	Evaluation of alginate modification effect on cell-matrix interaction, mechanotransduction and chondrogenesis of encapsulated MSCs. <i>Cell and Tissue Research</i> , 2020 , 381, 255-272	4.2	6
276	Simple and robust fabrication and characterization of conductive carbonized nanofibers loaded with gold nanoparticles for bone tissue engineering applications. <i>Materials Science and Engineering C</i> , 2020 , 117, 111226	8.3	26
275	Silk Fibroin Nanoadjuvant as a Promising Vaccine Carrier to Deliver the FimH-IutA Antigen for Urinary Tract Infection. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 4573-4582	5.5	3
274	Proteomics Analysis of Trastuzumab Toxicity in the H9c2 Cardiomyoblast Cell Line and its Inhibition by Carvedilol. <i>Current Pharmaceutical Biotechnology</i> , 2020 , 21, 1377-1385	2.6	0
273	Functional Study of a Camelid Single Domain Anti-CD22 Antibody. <i>International Journal of Peptide Research and Therapeutics</i> , 2020 , 26, 633-639	2.1	0
272	In situ forming hydrogels based on polyethylene glycol itaconate for tissue engineering application. <i>Bulletin of Materials Science</i> , 2019 , 42, 1	1.7	2
271	Using chemical chaperones to increase recombinant human erythropoietin secretion in CHO cell line. <i>Preparative Biochemistry and Biotechnology</i> , 2019 , 49, 535-544	2.4	1
270	Engineered substrates with imprinted cell-like topographies induce direct differentiation of adipose-derived mesenchymal stem cells into Schwann cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019 , 47, 1022-1035	6.1	18
269	Effectiveness of Plasmocure in Elimination of Mycoplasma Species from Contaminated Cell Cultures: A Comparative Study versus other Antibiotics. <i>Cell Journal</i> , 2019 , 21, 143-149	2.4	3

268	Cytotoxic effect of dual fluorescent-labeled oncolytic herpes simplex virus type 1 on mouse tumorigenic cell lines. <i>Research in Pharmaceutical Sciences</i> , 2019 , 14, 27-35	2.6	2
267	Potential core-shell designed scaffolds with a gelatin-based shell in achieving controllable release rates of proteins for tissue engineering approaches. <i>Journal of Biomedical Materials Research - Part A</i> , 2019 , 107, 1393-1405	5.4	5
266	Fabrication of Nanofibrous PVA/Alginate-Sulfate Substrates for Growth Factor Delivery. <i>Journal of Biomedical Materials Research - Part A</i> , 2019 , 107, 403-413	5.4	36
265	Fabrication and Characterization of Core-Shell Electrospun Fibrous Mats Containing Medicinal Herbs for Wound Healing and Skin Tissue Engineering. <i>Marine Drugs</i> , 2019 , 17,	6	42
264	Mechanical and Chemical Predifferentiation of Mesenchymal Stem Cells Into Cardiomyocytes and Their Effectiveness on Acute Myocardial Infarction. <i>Artificial Organs</i> , 2018 , 42, E114-E126	2.6	8
263	New synergistic combinations of differentiation-inducing agents in the treatment of acute promyelocytic leukemia cells. <i>Leukemia Research</i> , 2018 , 68, 98-104	2.7	2
262	Physicochemical screening for chemical stabilizer of erythropoietin to prevent its aggregation. <i>Preparative Biochemistry and Biotechnology</i> , 2018 , 48, 121-127	2.4	6
261	Folic acid conjugated nanoliposomes as promising carriers for targeted delivery of bleomycin. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 757-763	6.1	27
260	Silk fibroin/hydroxyapatite composites for bone tissue engineering. <i>Biotechnology Advances</i> , 2018 , 36, 68-91	17.8	224
259	Behavioral remodeling of normal and cancerous epithelial cell lines with differing invasion potential induced by substrate elastic modulus. <i>Cell Adhesion and Migration</i> , 2018 , 12, 472-488	3.2	12
258	A-NGR fusion protein induces apoptosis in human cancer cells. <i>EXCLI Journal</i> , 2018 , 17, 590-597	2.4	2
257	Repair of Spinal Cord Injury; Mesenchymal Stem Cells as an Alternative for Schwann Cells. <i>Journal of Applied Biotechnology Reports</i> , 2018 , 5, 42-47	2.1	3
256	Sustained release of TGF- β via genetically-modified cells induces the chondrogenic differentiation of mesenchymal stem cells encapsulated in alginate sulfate hydrogels. <i>Journal of Materials Science: Materials in Medicine</i> , 2018 , 30, 7	4.5	11
255	In vitro degradation and cytotoxicity of Mg-5Zn-0.3Ca/nHA biocomposites prepared by powder metallurgy. <i>Transactions of Nonferrous Metals Society of China</i> , 2018 , 28, 1745-1754	3.3	13
254	An antibody fragment against human delta-like ligand-4 for inhibition of cell proliferation and neovascularization. <i>Immunopharmacology and Immunotoxicology</i> , 2018 , 40, 368-374	3.2	10
253	Stress phase angle regulates differentiation of human adipose-derived stem cells toward endothelial phenotype. <i>Progress in Biomaterials</i> , 2018 , 7, 121-131	4.4	7
252	Strategies for directing cells into building functional hearts and parts. <i>Biomaterials Science</i> , 2018 , 6, 1664-1690	4.1	15
251	Preparation of a Codelivery System Based on Vancomycin/Silk Scaffold Containing Silk Nanoparticle Loaded VEGF. <i>ACS Biomaterials Science and Engineering</i> , 2018 , 4, 2836-2846	5.5	22

250	Targeted DNA delivery to cancer cells using a biotinylated chitosan carrier. <i>Biotechnology and Applied Biochemistry</i> , 2017 , 64, 423-432	2.8	16
249	Piezoelectric electrospun nanocomposite comprising Au NPs/PVDF for nerve tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2017 , 105, 1984-1993	5.4	36
248	Development of anti-CD47 single-chain variable fragment targeted magnetic nanoparticles for treatment of human bladder cancer. <i>Nanomedicine</i> , 2017 , 12, 597-613	5.6	16
247	Experimental investigation and molecular dynamics simulation of acid-doped polybenzimidazole as a new membrane for air-breathing microbial fuel cells. <i>Journal of Membrane Science</i> , 2017 , 535, 221-229	9.6	16
246	Enhanced antitumor effect of targeted nanoliposomal bleomycin. <i>Chemical Biology and Drug Design</i> , 2017 , 90, 953-961	2.9	5
245	Novel layered double hydroxides-hydroxyapatite/gelatin bone tissue engineering scaffolds: Fabrication, characterization, and in vivo study. <i>Materials Science and Engineering C</i> , 2017 , 76, 701-714	8.3	49
244	Preparation and characterization of novel functionalized multiwalled carbon nanotubes/chitosan/Glycerophosphate scaffolds for bone tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2017 , 97, 365-372	7.9	71
243	Terbinafine-loaded wound dressing for chronic superficial fungal infections. <i>Materials Science and Engineering C</i> , 2017 , 73, 130-136	8.3	23
242	Development of high-affinity monoclonal antibody using CD44 overexpressed cells as a candidate for targeted immunotherapy and diagnosis of acute myeloid leukemia. <i>Human Antibodies</i> , 2017 , 26, 7-15	1.3	4
241	Cyclic Stretch Effects on Adipose-Derived Stem Cell Stiffness, Morphology and Smooth Muscle Cell Gene Expression. <i>Tissue Engineering and Regenerative Medicine</i> , 2017 , 14, 279-286	4.5	8
240	Release behavior and signaling effect of vitamin D3 in layered double hydroxides-hydroxyapatite/gelatin bone tissue engineering scaffold: An in vitro evaluation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 158, 697-708	6	28
239	sIL-24 peptide, a human interleukin-24 isoform, induces mitochondrial-mediated apoptosis in human cancer cells. <i>Cancer Chemotherapy and Pharmacology</i> , 2017 , 80, 451-459	3.5	5
238	Flow Preconditioning of Endothelial Cells on Collagen-Immobilized Silicone Fibers Enhances Cell Retention and Antithrombotic Function. <i>Artificial Organs</i> , 2017 , 41, 556-567	2.6	5
237	Proteomic analysis of drug-resistant Mycobacterium tuberculosis by one-dimensional gel electrophoresis and charge chromatography. <i>Archives of Microbiology</i> , 2017 , 199, 9-15	3	4
236	Fish-Oil-Derived DHA-mediated Enhancement of Apoptosis in Acute Lymphoblastic Leukemia Cells is Associated with Accumulation of p53, Downregulation of Survivin, and Caspase-3 Activation. <i>Nutrition and Cancer</i> , 2017 , 69, 64-73	2.8	12
235	Prospects of peripheral nerve tissue engineering using nerve guide conduits based on silk fibroin protein and other biopolymers. <i>International Materials Reviews</i> , 2017 , 62, 367-391	16.1	43
234	Preparation, characterization, and in vitro evaluation of bleomycin-containing nanoliposomes. <i>Chemical Biology and Drug Design</i> , 2017 , 89, 492-497	2.9	8
233	Low Levels of Extensively Drug-resistant Tuberculosis among Multidrug Resistant Tuberculosis Isolates and Their Relationship to Risk Factors: Surveillance in Tehran, Iran; 2006 to 2014. <i>Osong Public Health and Research Perspectives</i> , 2017 , 8, 116-123	6.1	4

232	Construction of Various β 4.5 Deleted Fluorescent-Expressing Oncolytic herpes Simplex type 1 (oHSV) for Generation and Isolation of HSV-Based Vectors. <i>Iranian Biomedical Journal</i> , 2017 , 21, 206-17	2	3
231	Study Break: Revolutionizing Tissue Engineering through Mirroring Cell Niche and Application of Natural Compounds. <i>Iranian Biomedical Journal</i> , 2017 , 21, 129-30	2	
230	Effects of Electromagnetic Stimulation on Gene Expression of Mesenchymal Stem Cells and Repair of Bone Lesions. <i>Cell Journal</i> , 2017 , 19, 34-44	2.4	12
229	Anti-Plasmodial Assessment of Four Different Iranian Propolis Extracts. <i>Archives of Iranian Medicine</i> , 2017 , 20, 270-281	2.4	9
228	Physical and Biological Modification of Polycaprolactone Electrospun Nanofiber by Panax Ginseng Extract for Bone Tissue Engineering Application. <i>Annals of Biomedical Engineering</i> , 2016 , 44, 1808-20	4.7	26
227	Real-time PCR assay is superior to other methods for the detection of mycoplasma contamination in the cell lines of the National Cell Bank of Iran. <i>Cytotechnology</i> , 2016 , 68, 1063-80	2.2	12
226	Datasets of a novel bivalent single chain antibody constructed by overlapping oligonucleotide annealing method targeting human CD123. <i>Data in Brief</i> , 2016 , 8, 1137-43	1.2	2
225	Optimization of electrical stimulation parameters for MG-63 cell proliferation on chitosan/functionalized multiwalled carbon nanotube films. <i>RSC Advances</i> , 2016 , 6, 109902-109915	3.7	19
224	Cell-Imprinted Substrates Modulate Differentiation, Redifferentiation, and Transdifferentiation. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 13777-84	9.5	40
223	Thermoplastic starch/ethylene vinyl alcohol/forsterite nanocomposite as a candidate material for bone tissue engineering. <i>Materials Science and Engineering C</i> , 2016 , 69, 301-10	8.3	29
222	Proteomic analysis of sensitive and multi drug resistant Mycobacterium tuberculosis strains. <i>Microbiology</i> , 2016 , 85, 350-358	1.4	3
221	Development of a method for measuring and modeling the NH ₂ content and crosslinking density of chitosan/gelatin/nanohydroxyapatite based microspheres. <i>Polymer Testing</i> , 2016 , 51, 20-28	4.5	12
220	Soluble Expression and Characterization of a New scFv Directed to Human CD123. <i>Applied Biochemistry and Biotechnology</i> , 2016 , 178, 1390-406	3.2	8
219	Importance of dual delivery systems for bone tissue engineering. <i>Journal of Controlled Release</i> , 2016 , 225, 152-69	11.7	113
218	Construction and expression of an anti-VEGFR2 Nanobody-Fc fusionbody in NS0 host cell. <i>Protein Expression and Purification</i> , 2016 , 123, 19-25	2	17
217	Camelid antivenom development and potential in vivo neutralization of Hottentotta saulcyi scorpion venom. <i>Toxicon</i> , 2016 , 113, 70-5	2.8	10
216	Frequency of PTEN alterations, TMRSS2-ERG fusion and their association in prostate cancer. <i>Gene</i> , 2016 , 575, 755-60	3.8	13
215	Biological Evaluation (In Vitro and In Vivo) of Bilayered Collagenous Coated (Nano Electrospun and Solid Wall) Chitosan Membrane for Periodontal Guided Bone Regeneration. <i>Annals of Biomedical Engineering</i> , 2016 , 44, 2132-44	4.7	31

214	Assessment of Recombination in the S-segment Genome of Crimean-Congo Hemorrhagic Fever Virus in Iran. <i>Journal of Arthropod-Borne Diseases</i> , 2016 , 10, 12-23	0.8	8
213	Genetic Diversity of Crimean Congo Hemorrhagic Fever Virus Strains from Iran. <i>Journal of Arthropod-Borne Diseases</i> , 2016 , 10, 127-40	0.8	12
212	Healing Effects of Synthetic and Commercial Alginate Hydrogel Dressings on Wounds: A Comparative Study. <i>Trauma Monthly</i> , 2016 , In Press,	1	2
211	Effect of extremely low frequency electromagnetic field on MAP2 and Nestin gene expression of hair follicle dermal papilla cells. <i>International Journal of Artificial Organs</i> , 2016 , 39, 294-9	1.9	2
210	Biomimetic modification of silicone tubes using sodium nitrite-collagen immobilization accelerates endothelialization. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2016 , 104, 1311-21	3.5	5
209	Modified TB rapid test by proteinase K for rapid diagnosis of pleural tuberculosis. <i>Apmis</i> , 2016 , 124, 201-7	3.4	1
208	Hybrid cross-linked hydrogels based on fibrous protein/block copolymers and layered silicate nanoparticles: tunable thermosensitivity, biodegradability and mechanical durability. <i>RSC Advances</i> , 2016 , 6, 62944-62957	3.7	51
207	Development of a novel engineered antibody targeting human CD123. <i>Analytical Biochemistry</i> , 2016 , 511, 27-30	3.1	8
206	Simultaneous Evaluation of Magnesia and Silica Contents Effect on in-vitro Bioactivity of Novel Bioglasses in the SiO ₂ -CaO-MgO System. <i>Transactions of the Indian Ceramic Society</i> , 2016 , 75, 7-11	1.8	1
205	Electrospun poly(hydroxybutyrate)/chitosan blend fibrous scaffolds for cartilage tissue engineering. <i>Journal of Applied Polymer Science</i> , 2016 , 133,	2.9	65
204	Nanoclay-reinforced electrospun chitosan/PVA nanocomposite nanofibers for biomedical applications. <i>RSC Advances</i> , 2015 , 5, 10479-10487	3.7	99
203	Targeting delivery of lipocalin 2-engineered mesenchymal stem cells to colon cancer in order to inhibit liver metastasis in nude mice. <i>Tumor Biology</i> , 2015 , 36, 6011-8	2.9	8
202	Effect of starch content on the biodegradation of polycaprolactone/starch composite for fabricating in situ pore-forming scaffolds. <i>Polymer Testing</i> , 2015 , 43, 94-102	4.5	26
201	In vitro biocompatibility and ageing of 3Y-TZP/CNTs composites. <i>Ceramics International</i> , 2015 , 41, 12773-5	12781	15
200	The effect of fibronectin on structural and biological properties of single walled carbon nanotube. <i>Applied Surface Science</i> , 2015 , 339, 85-93	6.7	7
199	Inducible VEGF expression by human embryonic stem cell-derived mesenchymal stromal cells reduces the minimal islet mass required to reverse diabetes. <i>Scientific Reports</i> , 2015 , 5, 9322	4.9	32
198	Silk fibroin nanoparticle as a novel drug delivery system. <i>Journal of Controlled Release</i> , 2015 , 206, 161-76	11.7	227
197	Regulation of stem cell fate by nanomaterial substrates. <i>Nanomedicine</i> , 2015 , 10, 829-47	5.6	56

196	Development of protective agent against Hottentotta saulcyi venom using camelid single-domain antibody. <i>Molecular Immunology</i> , 2015 , 68, 412-20	4.3	13
195	Silk as a potential candidate for bone tissue engineering. <i>Journal of Controlled Release</i> , 2015 , 215, 112-28	1.7	100
194	Effect of magnesium substitution on structural and biological properties of synthetic hydroxyapatite powder. <i>Materials Express</i> , 2015 , 5, 41-48	1.3	19
193	Reconstruction and validation of a constraint-based metabolic network model for bone marrow-derived mesenchymal stem cells. <i>Cell Proliferation</i> , 2015 , 48, 475-85	7.9	12
192	Antigenic assessment of a recombinant human CD90 protein expressed in prokaryotic expression system. <i>Protein Expression and Purification</i> , 2015 , 116, 139-43	2	6
191	Investigating the cytotoxicity of iron oxide nanoparticles in in vivo and in vitro studies. <i>Experimental and Toxicologic Pathology</i> , 2015 , 67, 509-15		21
190	The expression pattern of APC2 and APC7 in various cancer cell lines and AML patients. <i>Advances in Medical Sciences</i> , 2015 , 60, 259-63	2.8	9
189	MicroRNAs Signature in IL-2-Induced CD4+ T Cells and Their Potential Targets. <i>Biochemical Genetics</i> , 2015 , 53, 169-83	2.4	4
188	Development and Characterization of a New Antipeptide Monoclonal Antibody Directed to Human CD20 Antigen. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2015 , 30, 310-6	3.9	3
187	MDR-TB Antibody Response (Western Blot) to Fractions of Isoniazid and Rifampicin Resistant Antigens of Mycobacterium tuberculosis. <i>Current Microbiology</i> , 2015 , 71, 638-42	2.4	0
186	Optimizing parameters on alignment of PCL/PGA nanofibrous scaffold: An artificial neural networks approach. <i>International Journal of Biological Macromolecules</i> , 2015 , 81, 1089-97	7.9	21
185	Virulence of four Beauveria bassiana (Balsamo) (Asc., Hypocreales) isolates on rose sawfly, Arge rosae under laboratory condition. <i>Journal of King Saud University - Science</i> , 2015 , 27, 49-53	3.6	40
184	Biomimetic modified clinical-grade POSS-PCU nanocomposite polymer for bypass graft applications: a preliminary assessment of endothelial cell adhesion and haemocompatibility. <i>Materials Science and Engineering C</i> , 2015 , 46, 400-8	8.3	45
183	Analysis of Healing Effect of Alginate Sulfate Hydrogel Dressing Containing Antimicrobial Peptide on Wound Infection Caused by Methicillin-Resistant Staphylococcus aureus. <i>Jundishapur Journal of Microbiology</i> , 2015 , 8, e28320	1.2	23
182	Surface modification of silicone tubes by functional carboxyl and amine, but not peroxide groups followed by collagen immobilization improves endothelial cell stability and functionality. <i>Biomedical Materials (Bristol)</i> , 2015 , 10, 015024	3.5	11
181	Synthesis, characterization and application of polyglycerol coated Fe ₃ O ₄ nanoparticles as a nano-theranostics agent. <i>Materials Research Express</i> , 2015 , 2, 125002	1.7	16
180	The effect of swelling agent on the pore characteristics of mesoporous hydroxyapatite nanoparticles. <i>Progress in Natural Science: Materials International</i> , 2015 , 25, 185-190	3.6	9
179	Intranasal immunization with fusion protein MrpH-FimH and MPL adjuvant confers protection against urinary tract infections caused by uropathogenic Escherichia coli and Proteus mirabilis. <i>Molecular Immunology</i> , 2015 , 64, 285-94	4.3	28

178	The effect of synthesis parameters on the geometry and dimensions of mesoporous hydroxyapatite nanoparticles in the presence of 1-dodecanethiol as a pore expander. <i>Materials Science and Engineering C</i> , 2015 , 53, 1-6	8.3	8
177	Modification of PCL Electrospun Nanofibrous Mat With Calendula officinalis Extract for Improved Interaction With Cells. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2015 , 64, 459-464	3	26
176	Comparative analysis of effects of cyclic uniaxial and equiaxial stretches on gene expression of human umbilical vein endothelial cells. <i>Cell Biology International</i> , 2015 , 39, 741-9	4.5	4
175	Evaluation of Mechanical and Chemical Stimulations on Osteocalcin and Runx2 Expression in Mesenchymal Stem Cells. <i>MCB Molecular and Cellular Biomechanics</i> , 2015 , 12, 197-213	1.2	5
174	Low concentration of exogenous carbon monoxide protects mammalian cells against proliferation induced by radiation-induced bystander effect. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2014 , 759, 9-15	3.3	15
173	Sensitivity of biochemical test in comparison with other methods for the detection of mycoplasma contamination in human and animal cell lines stored in the National Cell Bank of Iran. <i>Cytotechnology</i> , 2014 , 66, 861-73	2.2	9
172	Induction of multipotency in umbilical cord-derived mesenchymal stem cells cultivated under suspension conditions. <i>Cell Stress and Chaperones</i> , 2014 , 19, 657-66	4	18
171	Evaluation of the chondrogenic differentiation of mesenchymal stem cells on hybrid biomimetic scaffolds. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	15
170	Structural and functional changes of silk fibroin scaffold due to hydrolytic degradation. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	28
169	In silico and in vivo studies of truncated forms of flagellin (Flc) of enteroaggregative Escherichia coli fused to FimH from uropathogenic Escherichia coli as a vaccine candidate against urinary tract infections. <i>Journal of Biotechnology</i> , 2014 , 175, 31-7	3.7	25
168	Mercury specifically induces LINE-1 activity in a human neuroblastoma cell line. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2014 , 759, 9-20	3	23
167	Surface-treated biocompatible ZnS quantum dots: Synthesis, photo-physical and microstructural properties. <i>Electronic Materials Letters</i> , 2014 , 10, 393-400	2.9	15
166	Evaluation of antigen detection test (chromatographic immunoassay): potential to replace the antibody assay using purified 45-kDa protein for rapid diagnosis of tuberculosis. <i>Journal of Clinical Laboratory Analysis</i> , 2014 , 28, 70-6	3	7
165	In vitro biocompatibility evaluations of hyperbranched polyglycerol hybrid nanostructure as a candidate for nanomedicine applications. <i>Journal of Materials Science: Materials in Medicine</i> , 2014 , 25, 499-506	4.5	35
164	Mortality response of folate receptor-activated, PEG-functionalized TiO ₂ nanoparticles for doxorubicin loading with and without ultraviolet irradiation. <i>Ceramics International</i> , 2014 , 40, 5481-5488 ^{5.1}	5.1	25
163	High efficient expression of a functional humanized single-chain variable fragment (scFv) antibody against CD22 in <i>Pichia pastoris</i> . <i>Applied Microbiology and Biotechnology</i> , 2014 , 98, 10023-39	5.7	9
162	Air-breathing microbial fuel cell with enhanced performance using nanocomposite proton exchange membranes. <i>Polymer</i> , 2014 , 55, 6102-6109	3.9	10
161	Comparing the effect of equiaxial cyclic mechanical stimulation on GATA4 expression in adipose-derived and bone marrow-derived mesenchymal stem cells. <i>Cell Biology International</i> , 2014 , 38, 219-27	4.5	13

160	An evaluation of the delayed effect of intra-articular injections of lidocaine (2%) on articular cartilage: an experimental study in rabbits. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2014 , 24, 1557-61	2.2	4
159	A comparative study on the physicochemical and biological stability of IgG1 and monoclonal antibodies during spray drying process. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2014 , 22, 31	3.9	16
158	Cell-imprinted substrates act as an artificial niche for skin regeneration. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 13280-92	9.5	55
157	Atomic force microscope-based single cell force spectroscopy of breast cancer cell lines: an approach for evaluating cellular invasion. <i>Journal of Biomechanics</i> , 2014 , 47, 3373-9	2.9	48
156	T cells expressing VHH-directed oligoclonal chimeric HER2 antigen receptors: towards tumor-directed oligoclonal T cell therapy. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014 , 1840, 378-86	4	47
155	Experimental Study of Heat Transfer of a Car Radiator with CuO/Ethylene Glycol-Water as a Coolant. <i>Journal of Dispersion Science and Technology</i> , 2014 , 35, 677-684	1.5	94
154	Alteration of human umbilical vein endothelial cell gene expression in different biomechanical environments. <i>Cell Biology International</i> , 2014 , 38, 577-81	4.5	18
153	Promotion of spinal cord axon regeneration by 3D nanofibrous core-sheath scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , 2014 , 102, 506-13	5.4	54
152	Effects of hydrostatic pressure on biosynthetic activity during chondrogenic differentiation of MSCs in hybrid scaffolds. <i>International Journal of Artificial Organs</i> , 2014 , 37, 142-8	1.9	19
151	EFFECTS OF SHORT-TERM CYCLIC HYDROSTATIC PRESSURE ON INITIATING AND ENHANCING THE EXPRESSION OF CHONDROGENIC GENES IN HUMAN ADIPOSE-DERIVED MESENCHYMAL STEM CELLS. <i>Journal of Mechanics in Medicine and Biology</i> , 2014 , 14, 1450054	0.7	9
150	Chemoselective PEGylation of cysteine analogs of human basic fibroblast growth factor (hbFGF) - design and expression. <i>Tropical Journal of Pharmaceutical Research</i> , 2014 , 13, 1601	0.8	1
149	On-Chip Fabrication of Paclitaxel-Loaded Chitosan Nanoparticles for Cancer Therapeutics. <i>Advanced Functional Materials</i> , 2014 , 24, 432-441	15.6	82
148	Bio-hybrid silk fibroin/calcium phosphate/PLGA nanocomposite scaffold to control the delivery of vascular endothelial growth factor. <i>Materials Science and Engineering C</i> , 2014 , 35, 401-10	8.3	76
147	Superparamagnetic Nanoparticles Direct Differentiation of Embryonic Stem Cells Into Skeletal Muscle Cells. <i>Journal of Biomaterials and Tissue Engineering</i> , 2014 , 4, 579-585	0.3	12
146	In vitro Therapeutic Effects of Low Level Laser at mRNA Level on the Release of Skin Growth Factors from Fibroblasts in Diabetic Mice. <i>Avicenna Journal of Medical Biotechnology</i> , 2014 , 6, 113-8	1.4	25
145	AKT family and miRNAs expression in IL-2 induced CD4(+)T cells. <i>Iranian Journal of Basic Medical Sciences</i> , 2014 , 17, 886-94	1.8	4
144	MiR-17-92 cluster: an apoptosis inducer or proliferation enhancer. <i>Molecular and Cellular Biochemistry</i> , 2013 , 380, 229-38	4.2	27
143	Enhanced mechanical properties of thermosensitive chitosan hydrogel by silk fibers for cartilage tissue engineering. <i>Materials Science and Engineering C</i> , 2013 , 33, 4786-94	8.3	173

142	Biological evaluation of polyvinyl alcohol hydrogel crosslinked by polyurethane chain for cartilage tissue engineering in rabbit model. <i>Journal of Materials Science: Materials in Medicine</i> , 2013 , 24, 2449-60	4.5	29
141	The influence of surface nanoroughness of electrospun PLGA nanofibrous scaffold on nerve cell adhesion and proliferation. <i>Journal of Materials Science: Materials in Medicine</i> , 2013 , 24, 1551-60	4.5	89
140	Sustained release of platelet-derived growth factor and vascular endothelial growth factor from silk/calcium phosphate/PLGA based nanocomposite scaffold. <i>International Journal of Pharmaceutics</i> , 2013 , 454, 216-25	6.5	59
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