

Mohammad Ali Shokrgozar

List of Publications by Year in descending order

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290
papers

10,434
citations

30047

54
h-index

51562

86
g-index

294
all docs

294
docs citations

294
times ranked

16153
citing authors

#	ARTICLE	IF	CITATIONS
1	Silk fibroin/hydroxyapatite composites for bone tissue engineering. <i>Biotechnology Advances</i> , 2018, 36, 68-91.	6.0	320
2	Toxicity Evaluations of Superparamagnetic Iron Oxide Nanoparticles: Cell "Vision" versus Physicochemical Properties of Nanoparticles. <i>ACS Nano</i> , 2011, 5, 7263-7276.	7.3	317
3	Silk fibroin nanoparticle as a novel drug delivery system. <i>Journal of Controlled Release</i> , 2015, 206, 161-176.	4.8	304
4	Effect of Nanoparticles on the Cell Life Cycle. <i>Chemical Reviews</i> , 2011, 111, 3407-3432.	23.0	301
5	Temperature: The "Ignored" Factor at the NanoBio Interface. <i>ACS Nano</i> , 2013, 7, 6555-6562.	7.3	299
6	A new approach for the in vitro identification of the cytotoxicity of superparamagnetic iron oxide nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 75, 300-309.	2.5	264
7	Enhanced mechanical properties of thermosensitive chitosan hydrogel by silk fibers for cartilage tissue engineering. <i>Materials Science and Engineering C</i> , 2013, 33, 4786-4794.	3.8	197
8	Importance of dual delivery systems for bone tissue engineering. <i>Journal of Controlled Release</i> , 2016, 225, 152-169.	4.8	146
9	Cell "vision" complementary factor of protein corona in nanotoxicology. <i>Nanoscale</i> , 2012, 4, 5461.	2.8	143
10	Superparamagnetic Iron Oxide Nanoparticles: Promises for Diagnosis and Treatment of Multiple Sclerosis. <i>ACS Chemical Neuroscience</i> , 2011, 2, 118-140.	1.7	141
11	In vitro cardiomyogenic potential of human umbilical vein-derived mesenchymal stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 340, 639-647.	1.0	138
12	Silk as a potential candidate for bone tissue engineering. <i>Journal of Controlled Release</i> , 2015, 215, 112-128.	4.8	135
13	Nanoclay-reinforced electrospun chitosan/PVA nanocomposite nanofibers for biomedical applications. <i>RSC Advances</i> , 2015, 5, 10479-10487.	1.7	129
14	Synthesis and characterization of antibacterial polyurethane coatings from quaternary ammonium salts functionalized soybean oil based polyols. <i>Materials Science and Engineering C</i> , 2013, 33, 153-164.	3.8	125
15	Microfluidic assisted self-assembly of chitosan based nanoparticles as drug delivery agents. <i>Lab on A Chip</i> , 2013, 13, 204-207.	3.1	121
16	The effect of poly(ethylene glycol) coating on colloidal stability of superparamagnetic iron oxide nanoparticles as potential MRI contrast agent. <i>International Journal of Pharmaceutics</i> , 2012, 433, 129-141.	2.6	119
17	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.	1.3	114
18	Irreversible changes in protein conformation due to interaction with superparamagnetic iron oxide nanoparticles. <i>Nanoscale</i> , 2011, 3, 1127-38.	2.8	112

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19	Preparation and characterization of polyvinyl alcohol hydrogels crosslinked by biodegradable polyurethane for tissue engineering of cartilage. <i>Materials Science and Engineering C</i> , 2010, 30, 636-643.	3.8	111
20	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, 1551-1560.	1.7	110
21	Cell-Imprinted Substrates Direct the Fate of Stem Cells. <i>ACS Nano</i> , 2013, 7, 8379-8384.	7.3	110
22	Generation of Functional Hepatocyte-Like Cells from Human Pluripotent Stem Cells in a Scalable Suspension Culture. <i>Stem Cells and Development</i> , 2013, 22, 2693-2705.	1.1	107
23	On-Chip Fabrication of Paclitaxel-Loaded Chitosan Nanoparticles for Cancer Therapeutics. <i>Advanced Functional Materials</i> , 2014, 24, 432-441.	7.8	103
24	Fabrication of Porous Chitosan/Poly(vinyl alcohol) Reinforced Single-Walled Carbon Nanotube Nanocomposites for Neural Tissue Engineering. <i>Journal of Biomedical Nanotechnology</i> , 2011, 7, 276-284.	0.5	101
25	Electrospun poly(hydroxybutyrate)/chitosan blend fibrous scaffolds for cartilage tissue engineering. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	98
26	Preparation and characterization of novel functionalized multiwalled carbon nanotubes/chitosan/ β -Glycerophosphate scaffolds for bone tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2017, 97, 365-372.	3.6	97
27	Effects of cyclic stretch on proliferation of mesenchymal stem cells and their differentiation to smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2009, 388, 601-605.	1.0	96
28	Neutrophil Gelatinase-associated Lipocalin Acts as a Protective Factor against H ₂ O ₂ Toxicity. <i>Archives of Medical Research</i> , 2008, 39, 560-566.	1.5	92
29	Multiphysics Flow Modeling and in Vitro Toxicity of Iron Oxide Nanoparticles Coated with Poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Over 1.5 81	1.5	91
30	A Biosynthetic Nerve Guide Conduit Based on Silk/SWNT/Fibronectin Nanocomposite for Peripheral Nerve Regeneration. <i>PLoS ONE</i> , 2013, 8, e74417.	1.1	90
31	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, 401-410.	3.8	86
32	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, 3373-3379.	0.9	75
33	Evaluation of protective effect of recombinant dense granule antigens GRA2 and GRA6 formulated in monophosphoryl lipid A (MPL) adjuvant against <i>Toxoplasma</i> chronic infection in mice. <i>Vaccine</i> , 2007, 25, 4301-4311.	1.7	72
34	Engineering Parameters in Bioreactor's Design: A Critical Aspect in Tissue Engineering. <i>BioMed Research International</i> , 2013, 2013, 1-15.	0.9	72
35	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, 378-386.	1.1	72
36	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, 216-225.	2.6	70

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37	Cell-Imprinted Substrates Act as an Artificial Niche for Skin Regeneration. ACS Applied Materials & Interfaces, 2014, 6, 13280-13292.	4.0	70
38	Plasma concentration gradient influences the protein corona decoration on nanoparticles. RSC Advances, 2013, 3, 1119-1126.	1.7	69
39	Evaluation of silibinin on the viability, migration and adhesion of the human prostate adenocarcinoma (PCa) cell line. Cell Biology International, 2008, 32, 888-892.	1.4	68
40	Novel layered double hydroxides-hydroxyapatite/gelatin bone tissue engineering scaffolds: Fabrication, characterization, and in vivo study. Materials Science and Engineering C, 2017, 76, 701-714.	3.8	68
41	Hybrid cross-linked hydrogels based on fibrous protein/block copolymers and layered silicate nanoparticles: tunable thermosensitivity, biodegradability and mechanical durability. RSC Advances, 2016, 6, 62944-62957.	1.7	67
42	Enhancement of neural cell lines proliferation using nano-structured chitosan/poly(vinyl alcohol) scaffolds conjugated with nerve growth factor. Carbohydrate Polymers, 2011, 86, 526-535.	5.1	65
43	Regulation of stem cell fate by nanomaterial substrates. Nanomedicine, 2015, 10, 829-847.	1.7	65
44	Genetically engineered T cells bearing chimeric nanoconstructed receptors harboring TAG-72-specific camelid single domain antibodies as targeting agents. Cancer Letters, 2013, 334, 237-244.	3.2	64
45	Prospects of peripheral nerve tissue engineering using nerve guide conduits based on silk fibroin protein and other biopolymers. International Materials Reviews, 2017, 62, 367-391.	9.4	62
46	Fabrication and Characterization of Core-Shell Electrospun Fibrous Mats Containing Medicinal Herbs for Wound Healing and Skin Tissue Engineering. Marine Drugs, 2019, 17, 27.	2.2	62
47	Culture of Human Gingival Fibroblasts on a Biodegradable Scaffold and Evaluation of Its Effect on Attached Gingiva: A Randomized, Controlled Pilot Study. Journal of Periodontology, 2007, 78, 1897-1903.	1.7	61
48	Promotion of spinal cord axon regeneration by 3D nanofibrous core-sheath scaffolds. Journal of Biomedical Materials Research - Part A, 2014, 102, 506-513.	2.1	60
49	Characterization of poly(3-hydroxybutyrate)/nano-hydroxyapatite composite scaffolds fabricated without the use of organic solvents for bone tissue engineering applications. Materials Science and Engineering C, 2012, 32, 416-422.	3.8	59
50	Physiological Temperature Has a Crucial Role in Amyloid Beta in the Absence and Presence of Hydrophobic and Hydrophilic Nanoparticles. ACS Chemical Neuroscience, 2013, 4, 375-378.	1.7	59
51	Investigation of biphasic calcium phosphate/gelatin nanocomposite scaffolds as a bone tissue engineering. Ceramics International, 2010, 36, 2421-2426.	2.3	57
52	Slight temperature changes affect protein affinity and cellular uptake/toxicity of nanoparticles. Nanoscale, 2013, 5, 3240.	2.8	57
53	Lipocalin 2 regulation by thermal stresses: Protective role of Lcn2/NGAL against cold and heat stresses. Experimental Cell Research, 2009, 315, 3140-3151.	1.2	55
54	Hydrothermal synthesis and characterization of hydroxyapatite and fluorhydroxyapatite nano-size powders. Biomedical Materials (Bristol), 2010, 5, 045004.	1.7	55

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55	Cytotoxicity and Cell Cycle Effects of Bare and Poly(vinyl alcohol)-Coated Iron Oxide Nanoparticles in Mouse Fibroblasts. <i>Advanced Engineering Materials</i> , 2009, 11, B243.	1.6	54
56	Fabrication and characterization of poly(D,L-lactide-glycolide)/hydroxyapatite nanocomposite scaffolds for bone tissue regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 94A, 137-145.	2.1	54
57	Targeting high affinity and epitope-distinct oligoclonal nanobodies to HER2 over-expressing tumor cells. <i>Experimental Cell Research</i> , 2012, 318, 1112-1124.	1.2	52
58	Cell-Imprinted Substrates Modulate Differentiation, Redifferentiation, and Transdifferentiation. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 13777-13784.	4.0	52
59	Enumeration of hepatitis B surface antigen-specific B lymphocytes in responder and non-responder normal individuals vaccinated with recombinant hepatitis B surface antigen. <i>Immunology</i> , 2001, 104, 75-79.	2.0	51
60	Virulence of four <i>Beauveria bassiana</i> (Balsamo) (Asc., Hypocreales) isolates on rose sawfly, <i>Arge rosae</i> under laboratory condition. <i>Journal of King Saud University - Science</i> , 2015, 27, 49-53.	1.6	51
61	Piezoelectric electrospun nanocomposite comprising Au NPs/PVDF for nerve tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 1984-1993.	2.1	50
62	Fabrication of Nanofibrous PVA/Alginate-Sulfate Substrates for Growth Factor Delivery. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 403-413.	2.1	50
63	Neutrophil Gelatinase-Associated Lipocalin induces the expression of heme oxygenase-1 and superoxide dismutase 1, 2. <i>Cell Stress and Chaperones</i> , 2010, 15, 395-403.	1.2	49
64	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, 400-408.	3.8	49
65	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.	3.8	49
66	Injectable in situ forming drug delivery system based on poly(μ -caprolactone fumarate) for tamoxifen citrate delivery: Gelation characteristics, in vitro drug release and anti-cancer evaluation. <i>Acta Biomaterialia</i> , 2009, 5, 1966-1978.	4.1	47
67	Inhibition of silibinin on migration and adhesion capacity of human highly metastatic breast cancer cell line, MDA-MB-231, by evaluation of β 1-integrin and downstream molecules, Cdc42, Raf-1 and D4GDI. <i>Medical Oncology</i> , 2012, 29, 2512-2518.	1.2	46
68	Synthesis and biocompatibility evaluation of cellulose/hydroxyapatite nanocomposite scaffold in 1-n-allyl-3-methylimidazolium chloride. <i>Materials Science and Engineering C</i> , 2011, 31, 954-961.	3.8	45
69	IL-2, IFN- γ , and IL-12 Gene Polymorphisms and Susceptibility to Multiple Sclerosis. <i>Journal of Clinical Immunology</i> , 2009, 29, 747-751.	2.0	44
70	Biological Evaluation (In Vitro and In Vivo) of Bilayered Collagenous Coated (Nano Electrospun and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Engineering, 2016, 44, 2132-2144.	1.3	43
71	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.	2.5	43
72	PCR-based detection and eradication of mycoplasmal infections from various mammalian cell lines: a local experience. <i>Cytotechnology</i> , 2009, 61, 117-124.	0.7	42

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73	Fabrication of nano-structured electrospun collagen scaffold intended for nerve tissue engineering. <i>Journal of Materials Science: Materials in Medicine</i> , 2011, 22, 1555-1567.	1.7	42
74	Design and Synthesis of Novel Polyglycerol Hybrid Nanomaterials for Potential Applications in Drug Delivery Systems. <i>Macromolecular Bioscience</i> , 2011, 11, 383-390.	2.1	40
75	Multifunctional stable fluorescent magnetic nanoparticles. <i>Chemical Communications</i> , 2012, 48, 3957.	2.2	40
76	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.	2.6	40
77	Antiepileptogenic and anticonvulsant activity of interleukin-1 β in amygdala-kindled rats. <i>Experimental Neurology</i> , 2005, 191, 145-153.	2.0	39
78	The evaluation of cyclic uniaxial strain on myogenic differentiation of adipose-derived stem cells. <i>Tissue and Cell</i> , 2011, 43, 359-366.	1.0	39
79	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.	1.6	39
80	Development of β -tricalcium phosphate/sol-gel derived bioactive glass composites: Physical, mechanical, and <i>in vitro</i> biological evaluations. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009, 91B, 459-469.	1.6	38
81	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.	2.6	36
82	Silibinin inhibits invasive properties of human glioblastoma U87MG cells through suppression of cathepsin B and nuclear factor kappa B-mediated induction of matrix metalloproteinase 9. <i>Anti-Cancer Drugs</i> , 2010, 21, 252-260.	0.7	35
83	Fabrication of biocompatible titanium scaffolds using space holder technique. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 2483-2488.	1.7	35
84	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.	1.7	35
85	Electroconductive scaffolds for tissue regeneration: Current opportunities, pitfalls, and potential solutions. <i>Materials Research Bulletin</i> , 2021, 134, 111083.	2.7	35
86	Upregulation of Neutrophil Gelatinase-associated Lipocalin, NGAL/Lcn2, in β -Thalassemia Patients. <i>Archives of Medical Research</i> , 2008, 39, 402-407.	1.5	34
87	Ultrasonic-assisted synthesis of magnetite based MRI contrast agent using cysteine as the biocapping coating. <i>Materials Chemistry and Physics</i> , 2011, 131, 170-177.	2.0	34
88	Thermoplastic starch/ethylene vinyl alcohol/forsterite nanocomposite as a candidate material for bone tissue engineering. <i>Materials Science and Engineering C</i> , 2016, 69, 301-310.	3.8	34
89	Folic acid conjugated nanoliposomes as promising carriers for targeted delivery of bleomycin. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 757-763.	1.9	34
90	Nanodiamonds for surface engineering of orthopedic implants: Enhanced biocompatibility in human osteosarcoma cell culture. <i>Diamond and Related Materials</i> , 2013, 40, 107-114.	1.8	33

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91	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.	2.3	33
92	Autologous dendritic cells loaded with apoptotic tumor cells induce T cell-mediated immune responses against breast cancer in vitro. <i>Cellular Immunology</i> , 2009, 257, 23-31.	1.4	32
93	Effects of Cyclic Stretch Waveform on Endothelial Cell Morphology Using Fractal Analysis. <i>Artificial Organs</i> , 2010, 34, 481-490.	1.0	32
94	Novel biotinylated chitosan-graft-polyethyleneimine copolymer as a targeted non-viral vector for anti-EGF receptor siRNA delivery in cancer cells. <i>International Journal of Pharmaceutics</i> , 2013, 456, 408-416.	2.6	32
95	Structural and functional changes of silk fibroin scaffold due to hydrolytic degradation. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	32
96	Intranasal immunization with fusion protein MrpH \hat{A} -FimH and MPL adjuvant confers protection against urinary tract infections caused by uropathogenic <i>Escherichia coli</i> and <i>Proteus mirabilis</i> . <i>Molecular Immunology</i> , 2015, 64, 285-294.	1.0	32
97	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, 1808-1820.	1.3	32
98	Healing potential of mesenchymal stem cells cultured on a collagen-based scaffold for skin regeneration. <i>Iranian Biomedical Journal</i> , 2012, 16, 68-76.	0.4	32
99	Mortality response of folate receptor-activated, PEG \hat{A} functionalized TiO ₂ nanoparticles for doxorubicin loading with and without ultraviolet irradiation. <i>Ceramics International</i> , 2014, 40, 5481-5488.	2.3	31
100	Modification of PCL Electrospun Nanofibrous Mat With <i>Calendula officinalis</i> Extract for Improved Interaction With Cells. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2015, 64, 459-464.	1.8	31
101	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.	1.9	31
102	IL-1, IL-1R and TNF α gene polymorphisms in Iranian patients with multiple sclerosis. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2008, 7, 37-40.	0.3	31
103	Intermittent Hydrostatic Pressure Enhances Growth Factor \hat{A} Induced Chondroinduction of Human Adipose \hat{A} Derived Mesenchymal Stem Cells. <i>Artificial Organs</i> , 2012, 36, 1065-1071.	1.0	30
104	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, 2449-2460.	1.7	30
105	Particle size modeling and morphology study of chitosan/gelatin/nanohydroxyapatite nanocomposite microspheres for bone tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101A, 1758-1767.	2.1	30
106	In silico and in vivo studies of truncated forms of flagellin (FliC) of enteroaggregative <i>Escherichia coli</i> fused to FimH from uropathogenic <i>Escherichia coli</i> as a vaccine candidate against urinary tract infections. <i>Journal of Biotechnology</i> , 2014, 175, 31-37.	1.9	30
107	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.	0.9	30
108	miR-17-92 cluster: an apoptosis inducer or proliferation enhancer. <i>Molecular and Cellular Biochemistry</i> , 2013, 380, 229-238.	1.4	29

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109	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.	0.2	29
110	Hydroxyapatite scaffolds infiltrated with thermally crosslinked polycaprolactone fumarate and polycaprolactone itaconate. <i>Journal of Biomedical Materials Research - Part A</i> , 2011, 98A, 257-267.	2.1	28
111	Long-term investigation on the phase stability, magnetic behavior, toxicity, and MRI characteristics of superparamagnetic Fe/Fe-oxide core/shell nanoparticles. <i>International Journal of Pharmaceutics</i> , 2012, 439, 28-40.	2.6	28
112	Differential effects of cyclic uniaxial stretch on human mesenchymal stem cell into skeletal muscle cell. <i>Cell Biology International</i> , 2012, 36, 669-675.	1.4	28
113	Comparative effectiveness of hand and ultrasonic instrumentations in root surface planing in vitro. <i>Journal of Clinical Periodontology</i> , 2004, 31, 160-165.	2.3	27
114	Polytope DNA Vaccine Development Against Hepatitis C Virus: A Streamlined Approach from In Silico Design to In Vitro and Primary In Vivo Analyses in BALB/c Mice. <i>Protein and Peptide Letters</i> , 2009, 16, 842-850.	0.4	27
115	New circulating genomic variant of Crimean-Congo hemorrhagic fever virus in Iran. <i>Archives of Virology</i> , 2013, 158, 1085-1088.	0.9	27
116	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.	0.2	27
117	Optimizing parameters on alignment of PCL/PGA nanofibrous scaffold: An artificial neural networks approach. <i>International Journal of Biological Macromolecules</i> , 2015, 81, 1089-1097.	3.6	27
118	Cheminformatics based selection and cytotoxic effects of herbal extracts. <i>Toxicology in Vitro</i> , 2009, 23, 1412-1421.	1.1	26
119	Porous crosslinked poly(μ caprolactone fumarate)/nanohydroxyapatite composites for bone tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 1051-1060.	2.1	26
120	Subtype specificity of anti-HBs antibodies produced by human B-cell lines isolated from normal individuals vaccinated with recombinant hepatitis B vaccine. <i>Vaccine</i> , 2002, 20, 2215-2220.	1.7	25
121	Composite bone substitute materials based on β -tricalcium phosphate and magnesium-containing sol-gel derived bioactive glass. <i>Journal of Materials Science: Materials in Medicine</i> , 2009, 20, 2011-2017.	1.7	25
122	A Potential Association between <i>Helicobacter pylori</i> CagA EPIYA and Multimerization Motifs with Cytokeratin 18 Cleavage Rate during Early Apoptosis. <i>Helicobacter</i> , 2012, 17, 350-357.	1.6	25
123	Effects of Mechanical and Chemical Stimuli on Differentiation of Human Adipose-Derived Stem Cells into Endothelial Cells. <i>International Journal of Artificial Organs</i> , 2013, 36, 663-673.	0.7	25
124	Effects of Hydrostatic Pressure on Biosynthetic Activity during Chondrogenic Differentiation of MSCs in Hybrid Scaffolds. <i>International Journal of Artificial Organs</i> , 2014, 37, 142-148.	0.7	25
125	Terbinafine-loaded wound dressing for chronic superficial fungal infections. <i>Materials Science and Engineering C</i> , 2017, 73, 130-136.	3.8	25
126	Induction of multipotency in umbilical cord-derived mesenchymal stem cells cultivated under suspension conditions. <i>Cell Stress and Chaperones</i> , 2014, 19, 657-666.	1.2	24

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127	Effect of magnesium substitution on structural and biological properties of synthetic hydroxyapatite powder. <i>Materials Express</i> , 2015, 5, 41-48.	0.2	24
128	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.	1.7	24
129	Y25130 hydrochloride, a selective 5HT3 receptor antagonist has potent antimitogenic and apoptotic effect on HT29 colorectal cancer cell line. <i>European Journal of Cancer Prevention</i> , 2010, 19, 138-143.	0.6	23
130	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.	0.9	23
131	Investigating the cytotoxicity of iron oxide nanoparticles in in vivo and in vitro studies. <i>Experimental and Toxicologic Pathology</i> , 2015, 67, 509-515.	2.1	23
132	Synthesis of nano β -TCP and the effects on the mechanical and biological properties of β -TCP/HDPE/UHMWPE nanocomposites. <i>Polymer Composites</i> , 2010, 31, 1745-1753.	2.3	22
133	Development of Oligoclonal Nanobodies for Targeting the Tumor-Associated Glycoprotein 72 Antigen. <i>Molecular Biotechnology</i> , 2013, 54, 590-601.	1.3	22
134	Construction and expression of an anti-VEGFR2 Nanobody-Fc fusionbody in NS0 host cell. <i>Protein Expression and Purification</i> , 2016, 123, 19-25.	0.6	22
135	Biocompatibility evaluation of HDPE β -UHMWPE reinforced β -TCP nanocomposites using highly purified human osteoblast cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 95A, 1074-1083.	2.1	21
136	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.	0.8	21
137	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.	1.7	21
138	Mesenchymal stem cells as an alternative for Schwann cells in rat spinal cord injury. <i>Iranian Biomedical Journal</i> , 2013, 17, 113-22.	0.4	21
139	In vitro evaluation of biocompatibility of beta-tricalcium phosphate-reinforced high-density polyethylene; an orthopedic composite. <i>Journal of Biomedical Materials Research - Part A</i> , 2005, 75A, 14-22.	2.1	20
140	Alteration of human umbilical vein endothelial cell gene expression in different biomechanical environments. <i>Cell Biology International</i> , 2014, 38, 577-581.	1.4	20
141	Photo-crosslinkable cyanoacrylate bioadhesive: Shrinkage kinetics, dynamic mechanical properties, and biocompatibility of adhesives containing TMPTMA and POSS nanostructures as crosslinking agents. <i>Journal of Biomedical Materials Research - Part A</i> , 2011, 99A, 240-248.	2.1	19
142	Influence of Cyclic Stretch on Mechanical Properties of Endothelial Cells. <i>Experimental Mechanics</i> , 2013, 53, 1291-1298.	1.1	19
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