

# Ali Samadikuchaksaraei

## 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.

135 papers	3,003 citations	33 h-index	48 g-index
147 ext. papers	3,573 ext. citations	3.8 avg, IF	5.46 L-index

#	Paper	IF	Citations
135	Porous functionally graded scaffolds of poly (ε-caprolactone)/ZnO nanocomposite for skin tissue engineering: Morphological, mechanical and biological evaluation. <i>Materials Chemistry and Physics</i> , <b>2022</b> , 280, 125786	4.4	
134	A new approach for simultaneously improved osseointegration and antibacterial activity by electrochemical deposition of graphene nanolayers over titania nanotubes. <i>Applied Surface Science</i> , <b>2022</b> , 580, 152263	6.7	2
133	PLGA/TiO nanocomposite scaffolds for biomedical applications: fabrication, photocatalytic, and antibacterial properties. <i>BioImpacts</i> , <b>2021</b> , 11, 45-52	3.5	3
132	Cross-linked acellular lung for application in tissue engineering: Effects on biocompatibility, mechanical properties and immunological responses. <i>Materials Science and Engineering C</i> , <b>2021</b> , 122, 111938	8.3	2
131	Preparation of internally-crosslinked alginate microspheres: Optimization of process parameters and study of pH-responsive behaviors. <i>Carbohydrate Polymers</i> , <b>2021</b> , 255, 117336	10.3	8
130	Design and fabrication of polycaprolactone/gelatin composite scaffolds for diaphragmatic muscle reconstruction. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2021</b> , 15, 78-87	4.4	1
129	Nanofibrillated chitosan coated highly ordered titania nanotubes array/graphene nanocomposite with improved biological characters. <i>Carbohydrate Polymers</i> , <b>2021</b> , 254, 117465	10.3	12
128	Conductive chitosan/polyaniline hydrogel with cell-imprinted topography as a potential substrate for neural priming of adipose derived stem cells.. <i>RSC Advances</i> , <b>2021</b> , 11, 15795-15807	3.7	2
127	Formulation of electrospun Mg-FA/poly (ε-caprolactone) nanocomposite to adjust bioactivity, biodegradability, and cellular interactions. <i>Polymers for Advanced Technologies</i> , <b>2021</b> , 32, 2597-2608	3.2	
126	Implementing Taguchi method to analyze electrospinning parameters influence on Mg-doped fluorapatite nanoparticles-poly (ε-caprolactone) nanocomposite scaffold (Mg-FA NPs/PCL) properties. <i>Polymers for Advanced Technologies</i> , <b>2020</b> , 31, 3114-3125	3.2	1
125	Tuning the conformation and mechanical properties of silk fibroin hydrogels. <i>European Polymer Journal</i> , <b>2020</b> , 134, 109842	5.2	35
124	Mechanical modeling of silk fibroin/TiO <sub>2</sub> and silk fibroin/fluoridated TiO <sub>2</sub> nanocomposite scaffolds for bone tissue engineering. <i>Iranian Polymer Journal (English Edition)</i> , <b>2020</b> , 29, 219-224	2.3	6
123	A novel pathway to produce biodegradable and bioactive PLGA/TiO nanocomposite scaffolds for tissue engineering: Air-liquid foaming. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2020</b> , 108, 1390-1407	5.4	7
122	The in vivo effect of Lacto-N-neotetraose (LNnT) on the expression of type 2 immune response involved genes in the wound healing process. <i>Scientific Reports</i> , <b>2020</b> , 10, 997	4.9	5
121	Surface Topography and Electrical Signaling: Single and Synergistic Effects on Neural Differentiation of Stem Cells. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 1907792	15.6	17
120	Macrolide-Clarithromycin Task-Force for the Treatment and Prophylaxis of Covid-19 as a Single Agent. <i>Pharmacology &amp; Pharmacy</i> , <b>2020</b> , 11, 85-104	0.3	
119	Silk fibroin for skin injury repair: Where do things stand?. <i>Advanced Drug Delivery Reviews</i> , <b>2020</b> , 153, 28-53	18.5	62

118	The electrospun poly( $\epsilon$ -caprolactone)/fluoridated hydroxyapatite nanocomposite for bone tissue engineering. <i>Polymers for Advanced Technologies</i> , <b>2020</b> , 31, 1019-1026	3.2	10
117	Bioinspired multifunctional TiO <sub>2</sub> hierarchical micro/nanostructures with tunable improved bone cell growth and inhibited bacteria adhesion. <i>Ceramics International</i> , <b>2020</b> , 46, 9669-9679	5.1	10
116	Tenocyte-imprinted substrate: a topography-based inducer for tenogenic differentiation in adipose tissue-derived mesenchymal stem cells. <i>Biomedical Materials (Bristol)</i> , <b>2020</b> , 15, 035014	3.5	6
115	Mineralized Human Amniotic Membrane as a Biomimetic Scaffold for Hard Tissue Engineering Applications. <i>ACS Biomaterials Science and Engineering</i> , <b>2020</b> , 6, 6285-6298	5.5	4
114	Inhibition of hypertrophy and improving chondrocyte differentiation by MMP-13 inhibitor small molecule encapsulated in alginate-chondroitin sulfate-platelet lysate hydrogel. <i>Stem Cell Research and Therapy</i> , <b>2020</b> , 11, 436	8.3	6
113	Improvement, scaling-up, and downstream analysis of exosome production. <i>Critical Reviews in Biotechnology</i> , <b>2020</b> , 40, 1098-1112	9.4	16
112	Designer Exosomes: A New Platform for Biotechnology Therapeutics. <i>BioDrugs</i> , <b>2020</b> , 34, 567-586	7.9	56
111	Inducing type 2 immune response, induction of angiogenesis, and anti-bacterial and anti-inflammatory properties make Lacto-n-Neotetraose (LNnT) a therapeutic choice to accelerate the wound healing process. <i>Medical Hypotheses</i> , <b>2020</b> , 134, 109389	3.8	9
110	Decellularization and preservation of human skin: A platform for tissue engineering and reconstructive surgery. <i>Methods</i> , <b>2020</b> , 171, 62-67	4.6	22
109	Modulation of Hypertrophic Scar Formation Using Amniotic Membrane/Electrospun Silk Fibroin Bilayer Membrane in a Rabbit Ear Model. <i>ACS Biomaterials Science and Engineering</i> , <b>2019</b> , 5, 1487-1496	5.5	23
108	Hybrid and Composite Scaffolds Based on Extracellular Matrices for Cartilage Tissue Engineering. <i>Tissue Engineering - Part B: Reviews</i> , <b>2019</b> , 25, 202-224	7.9	36
107	Functionalized polymers for tissue engineering and regenerative medicines <b>2019</b> , 323-357		4
106	Nanoengineered biomaterials for diaphragm regeneration <b>2019</b> , 345-362		1
105	Chondrogenesis of human adipose-derived mesenchymal stromal cells on the [devitalized costal cartilage matrix/poly(vinyl alcohol)/fibrin] hybrid scaffolds. <i>European Polymer Journal</i> , <b>2019</b> , 118, 528-541	5.2	13
104	Nanocomposite scaffold seeded with mesenchymal stem cells for bone repair. <i>Cell Biology International</i> , <b>2019</b> , 43, 1379	4.5	5
103	Preparation and characterization of highly porous ceramic-based nanocomposite scaffolds with improved mechanical properties using the liquid phase-assisted sintering method. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , <b>2019</b> , 233, 1854-1865	1.3	
102	The relationship between molecular content of mesenchymal stem cells derived exosomes and their potentials: Opening the way for exosomes based therapeutics. <i>Biochimie</i> , <b>2019</b> , 165, 76-89	4.6	22
101	The Effect of Alpha-Tocopherol on Morphine Tolerance-induced Expression of c-fos Proto-oncogene from a Biotechnological Perspective. <i>Recent Patents on Biotechnology</i> , <b>2019</b> , 13, 137-148	2.2	2

100	Detection of Mutations of Antimutator Gene <i>pfpl</i> in <i>Pseudomonas aeruginosa</i> Species Isolated from Burn Patients in Tehran, Iran. <i>Journal of Medical Microbiology and Infectious Diseases</i> , <b>2019</b> , 7, 127-134	0.4	
99	Nanoengineered biomaterials for bladder regeneration <b>2019</b> , 459-474		
98	Nanoengineered biomaterials for tracheal replacement <b>2019</b> , 285-303		1
97	Nanoengineered biomaterials for lung regeneration <b>2019</b> , 305-323		2
96	Rat lung decellularization using chemical detergents for lung tissue engineering. <i>Biotechnic and Histochemistry</i> , <b>2019</b> , 94, 214-222	1.8	11
95	Nanoengineered biomaterials for skin regeneration <b>2019</b> , 265-283		1
94	Nanoengineered biomaterials for kidney regeneration <b>2019</b> , 325-344		6
93	Bone Regeneration in rat using a gelatin/bioactive glass nanocomposite scaffold along with endothelial cells (HUVECs). <i>International Journal of Applied Ceramic Technology</i> , <b>2018</b> , 15, 1427-1438	2	13
92	3D Protein-Based Bilayer Artificial Skin for the Guided Scarless Healing of Third-Degree Burn Wounds in Vivo. <i>Biomacromolecules</i> , <b>2018</b> , 19, 2409-2422	6.9	50
91	Evaluation of Bioactivity and Biocompatibility of Silk Fibroin/TiO <sub>2</sub> Nanocomposite. <i>Journal of Medical and Biological Engineering</i> , <b>2018</b> , 38, 99-105	2.2	2
90	Novel fluoridated silk fibroin/ TiO nanocomposite scaffolds for bone tissue engineering. <i>Materials Science and Engineering C</i> , <b>2018</b> , 82, 265-276	8.3	27
89	Use of Nanotechnology for Viable Applications in the Field of Medicine <b>2018</b> , 393-431		
88	Silk fibroin/amniotic membrane 3D bi-layered artificial skin. <i>Biomedical Materials (Bristol)</i> , <b>2018</b> , 13, 035003	0.3	66
87	Collagen-coated nano-electrospun PCL seeded with human endometrial stem cells for skin tissue engineering applications. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2018</b> , 106, 1578-1586	3.5	49
86	A bibliometric trend analysis of regenerative medicine research output in Iran: Comparison with the global research output. <i>Materials Today: Proceedings</i> , <b>2018</b> , 5, 15506-15515	1.4	0
85	Nanofibrous scaffolds from chitosan and poly(caprolactone) for excision wound healing application in canine model. <i>Materials Today: Proceedings</i> , <b>2018</b> , 5, 15629-15634	1.4	1
84	Poly (ε-caprolactone)-chitosan-poly (vinyl alcohol) nanofibrous scaffolds for skin excisional and burn wounds in a canine model. <i>IET Nanobiotechnology</i> , <b>2018</b> , 12, 619-625	2	6
83	Skin regeneration stimulation: the role of PCL-platelet gel nanofibrous scaffold. <i>Microscopy Research and Technique</i> , <b>2017</b> , 80, 495-503	2.8	12

82	Acceleration of bone regeneration in bioactive glass/gelatin composite scaffolds seeded with bone marrow-derived mesenchymal stem cells over-expressing bone morphogenetic protein-7. <i>Materials Science and Engineering C</i> , <b>2017</b> , 75, 688-698	8.3	61
81	Optimized composition of nanocomposite scaffolds formed from silk fibroin and nano-TiO for bone tissue engineering. <i>Materials Science and Engineering C</i> , <b>2017</b> , 79, 783-792	8.3	28
80	An acid-free water-born quaternized chitosan/montmorillonite loaded into an innovative ultra-fine bead-free water-born nanocomposite nanofibrous scaffold; in vitro and in vivo approaches. <i>Biomedical Materials (Bristol)</i> , <b>2017</b> , 12, 045014	3.5	3
79	Temporary skin grafts based on hybrid graphene oxide-natural biopolymer nanofibers as effective wound healing substitutes: pre-clinical and pathological studies in animal models. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2017</b> , 28, 73	4.5	43
78	Ionically Crosslinked Thermoresponsive Chitosan Hydrogels formed In Situ: A Conceptual Basis for Deeper Understanding. <i>Macromolecular Materials and Engineering</i> , <b>2017</b> , 302, 1700227	3.9	27
77	A new rat model of neonatal bilirubin encephalopathy (kernicterus). <i>Journal of Pharmacological and Toxicological Methods</i> , <b>2017</b> , 84, 44-50	1.7	12
76	Histologic analyses of different concentrations of TritonX-100 and Sodium dodecyl sulfate detergent in lung decellularization. <i>Cellular and Molecular Biology</i> , <b>2017</b> , 63, 46-51	1.1	11
75	A Comparative Study of Rat Lung Decellularization by Chemical Detergents for Lung Tissue Engineering. <i>Open Access Macedonian Journal of Medical Sciences</i> , <b>2017</b> , 5, 859-865	1	9
74	Shape-controlled silver NPs for shape-dependent biological activities. <i>Micro and Nano Letters</i> , <b>2017</b> , 12, 647-651	0.9	8
73	Insight into the interactive effects of glycerophosphate molecules on thermosensitive chitosan-based hydrogels. <i>Bioinspired, Biomimetic and Nanobiomaterials</i> , <b>2016</b> , 5, 67-73	1.3	8
72	Synthesis, Characterization, In Vitro Bioactivity and Biocompatibility Evaluation of Hydroxyapatite/Bredigite (Ca <sub>7</sub> MgSi <sub>4</sub> O <sub>16</sub> ) Composite Nanoparticles. <i>Jom</i> , <b>2016</b> , 68, 1061-1070	2.1	17
71	The effects of crosslinkers on physical, mechanical, and cytotoxic properties of gelatin sponge prepared via in-situ gas foaming method as a tissue engineering scaffold. <i>Materials Science and Engineering C</i> , <b>2016</b> , 63, 1-9	8.3	79
70	Fabrication and in vivo evaluation of an osteoblast-conditioned nano-hydroxyapatite/gelatin composite scaffold for bone tissue regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2016</b> , 104, 2001-10	5.4	46
69	Repair of rat critical size calvarial defect using osteoblast-like and umbilical vein endothelial cells seeded in gelatin/hydroxyapatite scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2016</b> , 104, 1770-8	5.4	36
68	Human Amniotic Membrane as a Biological Source for Regenerative Medicine. <i>Pancreatic Islet Biology</i> , <b>2016</b> , 81-105	0.4	4
67	A Dermal Equivalent Engineered with TGF- $\beta$ Expressing Bone Marrow Stromal Cells and Amniotic Membrane: Cosmetic Healing of Full-Thickness Skin Wounds in Rats. <i>Artificial Organs</i> , <b>2016</b> , 40, E266-E279	2.6	16
66	Evidence for embryonic stem-like signature and epithelial-mesenchymal transition features in the spheroid cells derived from lung adenocarcinoma. <i>Tumor Biology</i> , <b>2016</b> , 37, 11843-11859	2.9	18
65	Accelerated wound healing in a diabetic rat model using decellularized dermal matrix and human umbilical cord perivascular cells. <i>Acta Biomaterialia</i> , <b>2016</b> , 45, 234-246	10.8	89

64	Synthesis, physico-chemical and biological characterization of strontium and cobalt substituted bioactive glasses for bone tissue engineering. <i>Journal of Non-Crystalline Solids</i> , <b>2016</b> , 449, 133-140	3.9	65
63	Development of a Cost-Effective and Simple Protocol for Decellularization and Preservation of Human Amniotic Membrane as a Soft Tissue Replacement and Delivery System for Bone Marrow Stromal Cells. <i>Advanced Healthcare Materials</i> , <b>2015</b> , 4, 918-26	10.1	48
62	Optimization of fluoride-containing bioactive glasses as a novel scolical agent adjunct to hydatid surgery. <i>Acta Tropica</i> , <b>2015</b> , 148, 105-14	3.2	23
61	Microenvironmental Modulation of Stem Cell Differentiation with Focus on the Lung <b>2015</b> , 59-97		
60	Tissue Engineering and Regenerative Medicine in Iran: Current State of Research and Future Outlook. <i>Molecular Biotechnology</i> , <b>2015</b> , 57, 589-605	3	10
59	Detection and qualification of optimum antibacterial and cytotoxic activities of silver-doped bioactive glasses. <i>IET Nanobiotechnology</i> , <b>2015</b> , 9, 209-14	2	24
58	Comparative gene-expression profiling of CD133(+) and CD133(-) D10 melanoma cells. <i>Future Oncology</i> , <b>2015</b> , 11, 2383-93	3.6	7
57	Optimization of nanofibrous silk fibroin scaffold as a delivery system for bone marrow adherent cells: in vitro and in vivo studies. <i>Biotechnology and Applied Biochemistry</i> , <b>2015</b> , 62, 785-94	2.8	35
56	In vitro and in vivo evaluations of three-dimensional hydroxyapatite/silk fibroin nanocomposite scaffolds. <i>Biotechnology and Applied Biochemistry</i> , <b>2015</b> , 62, 441-50	2.8	34
55	Differentiation of human endometrial stem cells into urothelial cells on a three-dimensional nanofibrous silk-collagen scaffold: an autologous cell resource for reconstruction of the urinary bladder wall. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2015</b> , 9, 1268-76	4.4	31
54	Epigallocatechin Gallate/Layered Double Hydroxide Nanohybrids: Preparation, Characterization, and In Vitro Anti-Tumor Study. <i>PLoS ONE</i> , <b>2015</b> , 10, e0136530	3.7	25
53	Decellularized human amniotic membrane: more is needed for an efficient dressing for protection of burns against antibiotic-resistant bacteria isolated from burn patients. <i>Burns</i> , <b>2015</b> , 41, 1488-97	2.3	44
52	Characterization of Lung Fibroblasts More than Two Decades after Mustard Gas Exposure. <i>PLoS ONE</i> , <b>2015</b> , 10, e0145148	3.7	1
51	The effect of intrathecal delivery of bone marrow stromal cells on hippocampal neurons in rat model of Alzheimer's disease. <i>Iranian Journal of Basic Medical Sciences</i> , <b>2015</b> , 18, 520-5	1.8	10
50	Novel Blend Scaffolds from Poly(caprolactone)Chitosan-Poly(vinyl alcohol): Physical, Morphological and Biological Studies. <i>Journal of Biomaterials and Tissue Engineering</i> , <b>2014</b> , 4, 245-252	0.3	6
49	Stem Cells as Building Blocks <b>2014</b> , 41-55		5
48	Lungs <b>2014</b> , 1561-1577		
47	Tissue engineered poly(caprolactone)-chitosan-poly(vinyl alcohol) nanofibrous scaffolds for burn and cutting wound healing. <i>IET Nanobiotechnology</i> , <b>2014</b> , 8, 123-31	2	36



46	CD44 and CD24 cannot act as cancer stem cell markers in human lung adenocarcinoma cell line A549. <i>Cellular and Molecular Biology Letters</i> , <b>2014</b> , 19, 23-36	8.1	30
45	Methylation of O6-methyl guanine methyltransferase gene promoter in meningiomas--comparison between tumor grades I, II, and III. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2014</b> , 15, 33-8	1.7	13
44	Influence of RGD grafting on biocompatibility of oxidized cellulose scaffold. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2013</b> , 41, 421-7	6.1	5
43	Fabrication and characterization of regenerated silk scaffolds reinforced with natural silk fibers for bone tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2013</b> , 101, 2392-404	5.4	69
42	Synthesis and characterisation of nanocrystalline CaAl layered double hydroxide {[Ca <sub>2</sub> Al(OH) <sub>6</sub> ]NO <sub>3</sub> .nH <sub>2</sub> O}: in vitro study. <i>Advances in Applied Ceramics</i> , <b>2013</b> , 112, 59-65	2.3	22
41	Serum level of homocysteine, folate and vitamin-B12 in epileptic patients under carbamazepine and sodium valproate treatment: a systematic review and meta-analysis. <i>Iranian Red Crescent Medical Journal</i> , <b>2013</b> , 15, 249-53	1.3	16
40	Bioactivity and Biocompatibility Studies on Silk-Based Scaffold for Bone Tissue Engineering. <i>Journal of Medical and Biological Engineering</i> , <b>2013</b> , 33, 207	2.2	41
39	The evaluation of the FOXO1, KLF9 and YT521 genes expression in human endometrial cancer. <i>Clinical Laboratory</i> , <b>2013</b> , 59, 483-9	2	7
38	Serotonin 1A receptor genetic variations, suicide, and life events in the Iranian population. <i>Psychiatry and Clinical Neurosciences</i> , <b>2012</b> , 66, 337-43	6.2	11
37	Poly(E-caprolactone)/nano fluoridated hydroxyapatite scaffolds for bone tissue engineering: in vitro degradation and biocompatibility study. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2012</b> , 23, 763-70	4.5	18
36	Altered expression of TNFSF4 and TRAF2 mRNAs in peripheral blood mononuclear cells in patients with systemic lupus erythematosus: association with atherosclerotic symptoms and lupus nephritis. <i>Inflammation Research</i> , <b>2012</b> , 61, 1347-54	7.2	18
35	Development of a novel three-dimensional, automatable and integrated bioprocess for the differentiation of embryonic stem cells into pulmonary alveolar cells in a rotating vessel bioreactor system. <i>Tissue Engineering - Part C: Methods</i> , <b>2012</b> , 18, 263-72	2.9	29
34	Synthesis and characterization of electrospun polyvinyl alcohol nanofibrous scaffolds modified by blending with chitosan for neural tissue engineering. <i>International Journal of Nanomedicine</i> , <b>2012</b> , 7, 25-34	7.3	153
33	A Porous Hydroxyapatite/Gelatin Nanocomposite Scaffold for Bone Tissue Repair: In Vitro and In Vivo Evaluation. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2012</b> , 23, 2353-68	3.5	47
32	Effect of tissue-engineered chitosan-poly(vinyl alcohol) nanofibrous scaffolds on healing of burn wounds of rat skin. <i>IET Nanobiotechnology</i> , <b>2012</b> , 6, 129-35	2	18
31	Influence of oral contraceptive pills on homocysteine and nitric oxide levels: as risk factors for cardiovascular disease. <i>Journal of Clinical Laboratory Analysis</i> , <b>2012</b> , 26, 120-3	3	18
30	Preparation and characterization of polycaprolactone/forsterite nanocomposite porous scaffolds designed for bone tissue regeneration. <i>Composites Science and Technology</i> , <b>2012</b> , 72, 716-723	8.6	88
29	Cloning, Soluble Expression and Immunoreactivity of HIV-1 CRF35_AD p24 Protein Infusion with HP-thioredoxin from Iranian Clinical Isolates. <i>Laboratory Medicine</i> , <b>2012</b> , 43, 245-249	1.6	

28	Recombinant proteins: hopes for tissue engineering. <i>BiolImpacts</i> , <b>2012</b> , 2, 123-5	3.5	5
27	Delivery of epidermal neural crest stem cells (EPI-NCSC) to hippocamp in AlzheimerQ disease rat model. <i>Iranian Biomedical Journal</i> , <b>2012</b> , 16, 1-9	2	26
26	Effect of Silver Concentration on Bioactivity and Antibacterial Properties of SiO <sub>2</sub> -CaO-P <sub>2</sub> O <sub>5</sub> Sol-Gel Derived Bioactive Glass. <i>Key Engineering Materials</i> , <b>2011</b> , 493-494, 74-79	0.4	2
25	Electrospun chitosan-gelatin nanofibrous scaffold: fabrication and in vitro evaluation. <i>Bio-Medical Materials and Engineering</i> , <b>2011</b> , 21, 99-112	1	23
24	Effect of apolipoprotein E genotypes on incidence and development of coronary stenosis in Iranian patients with coronary artery disease. <i>Journal of Clinical Laboratory Analysis</i> , <b>2011</b> , 25, 43-6	3	6
23	Synthesis of silicon-substituted hydroxyapatite by a hydrothermal method with two different phosphorous sources. <i>Ceramics International</i> , <b>2011</b> , 37, 1219-1229	5.1	100
22	Novel Bioactive Poly(ε-caprolactone)-Gelatin-Hydroxyapatite Nanocomposite Scaffolds for Bone Regeneration. <i>Key Engineering Materials</i> , <b>2011</b> , 493-494, 909-915	0.4	4
21	An Association Study of T131T>C Single Nucleotide Polymorphism of Apolipoprotein A5 Gene With Coronary Artery Disease. <i>Laboratory Medicine</i> , <b>2011</b> , 42, 350-354	1.6	
20	A Single Nucleotide Polymorphism -1131T>C in the Apolipoprotein A5 Gene Modulates the Levels of Triglyceride. <i>Laboratory Medicine</i> , <b>2011</b> , 42, 171-174	1.6	0
19	Effect of oral contraceptive therapy on homocysteine and C-reactive protein levels in women: an observational study. <i>Anatolian Journal of Cardiology</i> , <b>2011</b> , 11, 698-702		10
18	Synthesis and Characterization of a Laminated Hydroxyapatite/Gelatin Nanocomposite Scaffold with Controlled Pore Structure for Bone Tissue Engineering. <i>International Journal of Artificial Organs</i> , <b>2010</b> , 33, 86-95	1.9	52
17	Preparation and evaluation of chitosan-gelatin composite scaffolds modified with chondroitin-6-sulphate. <i>International Journal of Materials Research</i> , <b>2010</b> , 101, 1281-1285	0.5	22
16	Imipenem-resistant Pseudomonas aeruginosa strains carry metallo-beta-lactamase gene bla(VIM) in a level I Iranian burn hospital. <i>Burns</i> , <b>2010</b> , 36, 826-30	2.3	39
15	The next generation of burns treatment: intelligent films and matrix, controlled enzymatic debridement, and adult stem cells. <i>Transplantation Proceedings</i> , <b>2010</b> , 42, 345-9	1.1	35
14	Risk of coronary artery stenosis in Iranian type 2 diabetics: is there a role for matrix metalloproteinase-3 gene (-1612 5A/6A) polymorphism?. <i>Journal of Physiology and Biochemistry</i> , <b>2010</b> , 66, 359-64	5	6
13	Neutrophil gelatinase-associated lipocalin induces the expression of heme oxygenase-1 and superoxide dismutase 1, 2. <i>Cell Stress and Chaperones</i> , <b>2010</b> , 15, 395-403	4	44
12	Matrix metalloproteinase-9 and paraoxonase 1 Q/R192 gene polymorphisms and the risk of coronary artery stenosis in Iranian subjects. <i>Journal of Clinical Laboratory Analysis</i> , <b>2010</b> , 24, 305-10	3	12
11	A bibliometric overview of 30 years of medical sciences productivity in iran. <i>Archives of Iranian Medicine</i> , <b>2010</b> , 13, 313-7	2.4	13



10	High-tech biomedical research: lessons from IranQ experience. <i>BioMedical Engineering OnLine</i> , <b>2008</b> , 7, 17	4.1	8
9	Recovery rate of embryonic stem cells after defrosting: role of the feeder layer. <i>Cytotherapy</i> , <b>2007</b> , 9, 697-8	4.8	
8	An overview of tissue engineering approaches for management of spinal cord injuries. <i>Journal of NeuroEngineering and Rehabilitation</i> , <b>2007</b> , 4, 15	5.3	52
7	Effects of growth factors on the differentiation of murine ESC into type II pneumocytes. <i>Cloning and Stem Cells</i> , <b>2007</b> , 9, 407-16		20
6	The differentiation of distal lung epithelium from embryonic stem cells. <i>Current Protocols in Stem Cell Biology</i> , <b>2007</b> , Chapter 1, Unit 1G.1	2.8	19
5	Antibiotics reduce the growth rate and differentiation of embryonic stem cell cultures. <i>Tissue Engineering</i> , <b>2006</b> , 12, 2025-30		34
4	Derivation of distal airway epithelium from human embryonic stem cells. <i>Tissue Engineering</i> , <b>2006</b> , 12, 867-75		122
3	Derivation and characterization of alveolar epithelial cells from murine embryonic stem cells in vitro. <i>Methods in Molecular Biology</i> , <b>2006</b> , 330, 233-48	1.4	20
2	Derivation of type II alveolar epithelial cells from murine embryonic stem cells. <i>Tissue Engineering</i> , <b>2002</b> , 8, 541-50		150
1	Synergistic effects of conductivity and cell-imprinted topography of chitosan-polyaniline based scaffolds for neural differentiation of adipose-derived stem cells		2