Ali Samadikuchaksaraei

List of Publications by Citations

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	Synthesis and characterization of electrospun polyvinyl alcohol nanofibrous scaffolds modified by blending with chitosan for neural tissue engineering. *International Journal of Nanomedicine*, **2012**, 7, 25-34	7.3	153
134	Derivation of type II alveolar epithelial cells from murine embryonic stem cells. *Tissue Engineering*, **2002**, 8, 541-50		150
133	Derivation of distal airway epithelium from human embryonic stem cells. *Tissue Engineering*, **2006**, 12, 867-75		122
132	Synthesis of silicon-substituted hydroxyapatite by a hydrothermal method with two different phosphorous sources. *Ceramics International*, **2011**, 37, 1219-1229	5.1	100
131	Accelerated wound healing in a diabetic rat model using decellularized dermal matrix and human umbilical cord perivascular cells. *Acta Biomaterialia*, **2016**, 45, 234-246	10.8	89
130	Preparation and characterization of polycaprolactone/forsterite nanocomposite porous scaffolds designed for bone tissue regeneration. *Composites Science and Technology*, **2012**, 72, 716-723	8.6	88
129	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. *Materials Science and Engineering C*, **2016**, 63, 1-9	8.3	79
128	Fabrication and characterization of regenerated silk scaffolds reinforced with natural silk fibers for bone tissue engineering. *Journal of Biomedical Materials Research - Part A*, **2013**, 101, 2392-404	5.4	69
127	Silk fibroin/amniotic membrane 3D bi-layered artificial skin. *Biomedical Materials (Bristol)*, **2018**, 13, 035003	3.3	66
126	Synthesis, physico-chemical and biological characterization of strontium and cobalt substituted bioactive glasses for bone tissue engineering. *Journal of Non-Crystalline Solids*, **2016**, 449, 133-140	3.9	65
125	Silk fibroin for skin injury repair: Where do things stand?. *Advanced Drug Delivery Reviews*, **2020**, 153, 28-53	18.5	62
124	Acceleration of bone regeneration in bioactive glass/gelatin composite scaffolds seeded with bone marrow-derived mesenchymal stem cells over-expressing bone morphogenetic protein-7. *Materials Science and Engineering C*, **2017**, 75, 688-698	8.3	61
123	Designer Exosomes: A New Platform for Biotechnology Therapeutics. *BioDrugs*, **2020**, 34, 567-586	7.9	56
122	Synthesis and Characterization of a Laminated Hydroxyapatite/Gelatin Nanocomposite Scaffold with Controlled Pore Structure for Bone Tissue Engineering. *International Journal of Artificial Organs*, **2010**, 33, 86-95	1.9	52
121	An overview of tissue engineering approaches for management of spinal cord injuries. *Journal of NeuroEngineering and Rehabilitation*, **2007**, 4, 15	5.3	52
120	3D Protein-Based Bilayer Artificial Skin for the Guided Scarless Healing of Third-Degree Burn Wounds in Vivo. *Biomacromolecules*, **2018**, 19, 2409-2422	6.9	50
119	Collagen-coated nano-electrospun PCL seeded with human endometrial stem cells for skin tissue engineering applications. *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, **2018**, 106, 1578-1586	3.5	49

118	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. *Advanced Healthcare Materials*, **2015**, 4, 918-26	10.1	48
117	A Porous Hydroxyapatite/Gelatin Nanocomposite Scaffold for Bone Tissue Repair: In Vitro and In Vivo Evaluation. *Journal of Biomaterials Science, Polymer Edition*, **2012**, 23, 2353-68	3.5	47
116	Fabrication and in vivo evaluation of an osteoblast-conditioned nano-hydroxyapatite/gelatin composite scaffold for bone tissue regeneration. *Journal of Biomedical Materials Research - Part A*, **2016**, 104, 2001-10	5.4	46
115	Decellularized human amniotic membrane: more is needed for an efficient dressing for protection of burns against antibiotic-resistant bacteria isolated from burn patients. *Burns*, **2015**, 41, 1488-97	2.3	44
114	Neutrophil gelatinase-associated lipocalin induces the expression of heme oxygenase-1 and superoxide dismutase 1, 2. *Cell Stress and Chaperones*, **2010**, 15, 395-403	4	44
113	Temporary skin grafts based on hybrid graphene oxide-natural biopolymer nanofibers as effective wound healing substitutes: pre-clinical and pathological studies in animal models. *Journal of Materials Science: Materials in Medicine*, **2017**, 28, 73	4.5	43
112	Bioactivity and Biocompatibility Studies on Silk-Based Scaffold for Bone Tissue Engineering. *Journal of Medical and Biological Engineering*, **2013**, 33, 207	2.2	41
111	Imipenem-resistant Pseudomonas aeruginosa strains carry metallo-beta-lactamase gene bla(VIM) in a level I Iranian burn hospital. *Burns*, **2010**, 36, 826-30	2.3	39
110	Hybrid and Composite Scaffolds Based on Extracellular Matrices for Cartilage Tissue Engineering. *Tissue Engineering - Part B: Reviews*, **2019**, 25, 202-224	7.9	36
109	Tissue engineered poly(caprolactone)-chitosan-poly(vinyl alcohol) nanofibrous scaffolds for burn and cutting wound healing. *IET Nanobiotechnology*, **2014**, 8, 123-31	2	36
108	Repair of rat critical size calvarial defect using osteoblast-like and umbilical vein endothelial cells seeded in gelatin/hydroxyapatite scaffolds. *Journal of Biomedical Materials Research - Part A*, **2016**, 104, 1770-8	5.4	36
107	Optimization of nanofibrous silk fibroin scaffold as a delivery system for bone marrow adherent cells: in vitro and in vivo studies. *Biotechnology and Applied Biochemistry*, **2015**, 62, 785-94	2.8	35
106	Tuning the conformation and mechanical properties of silk fibroin hydrogels. *European Polymer Journal*, **2020**, 134, 109842	5.2	35
105	The next generation of burns treatment: intelligent films and matrix, controlled enzymatic debridement, and adult stem cells. *Transplantation Proceedings*, **2010**, 42, 345-9	1.1	35
104	In vitro and in vivo evaluations of three-dimensional hydroxyapatite/silk fibroin nanocomposite scaffolds. *Biotechnology and Applied Biochemistry*, **2015**, 62, 441-50	2.8	34
103	Antibiotics reduce the growth rate and differentiation of embryonic stem cell cultures. *Tissue Engineering*, **2006**, 12, 2025-30		34
102	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. *Journal of Tissue Engineering and Regenerative Medicine*, **2015**, 9, 1268-76	4.4	31
101	CD44 and CD24 cannot act as cancer stem cell markers in human lung adenocarcinoma cell line A549. *Cellular and Molecular Biology Letters*, **2014**, 19, 23-36	8.1	30

100	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. *Tissue Engineering - Part C: Methods*, **2012**, 18, 263-72	2.9	29
99	Optimized composition of nanocomposite scaffolds formed from silk fibroin and nano-TiO for bone tissue engineering. *Materials Science and Engineering C*, **2017**, 79, 783-792	8.3	28
98	Novel fluoridated silk fibroin/ TiO nanocomposite scaffolds for bone tissue engineering. *Materials Science and Engineering C*, **2018**, 82, 265-276	8.3	27
97	Ionically Crosslinked Thermoresponsive Chitosan Hydrogels formed In Situ: A Conceptual Basis for Deeper Understanding. *Macromolecular Materials and Engineering*, **2017**, 302, 1700227	3.9	27
96	Delivery of epidermal neural crest stem cells (EPI-NCSC) to hippocamp in Alzheimer disease rat model. *Iranian Biomedical Journal*, **2012**, 16, 1-9	2	26
95	Epigallocatechin Gallate/Layered Double Hydroxide Nanohybrids: Preparation, Characterization, and In Vitro Anti-Tumor Study. *PLoS ONE*, **2015**, 10, e0136530	3.7	25
94	Detection and qualification of optimum antibacterial and cytotoxic activities of silver-doped bioactive glasses. *IET Nanobiotechnology*, **2015**, 9, 209-14	2	24
93	Modulation of Hypertrophic Scar Formation Using Amniotic Membrane/Electrospun Silk Fibroin Bilayer Membrane in a Rabbit Ear Model. *ACS Biomaterials Science and Engineering*, **2019**, 5, 1487-1496	5.5	23
92	Optimization of fluoride-containing bioactive glasses as a novel scolicidal agent adjunct to hydatid surgery. *Acta Tropica*, **2015**, 148, 105-14	3.2	23
91	Electrospun chitosan-gelatin nanofiberous scaffold: fabrication and in vitro evaluation. *Bio-Medical Materials and Engineering*, **2011**, 21, 99-112	1	23
90	The relationship between molecular content of mesenchymal stem cells derived exosomes and their potentials: Opening the way for exosomes based therapeutics. *Biochimie*, **2019**, 165, 76-89	4.6	22
89	Synthesis and characterisation of nanocrystalline CaAl layered double hydroxide {[Ca2Al(OH)6]NO3.nH2O}: in vitro study. *Advances in Applied Ceramics*, **2013**, 112, 59-65	2.3	22
88	Preparation and evaluation of chitosan-gelatin composite scaffolds modified with chondroitin-6-sulphate. *International Journal of Materials Research*, **2010**, 101, 1281-1285	0.5	22
87	Decellularization and preservation of human skin: A platform for tissue engineering and reconstructive surgery. *Methods*, **2020**, 171, 62-67	4.6	22
86	Effects of growth factors on the differentiation of murine ESC into type II pneumocytes. *Cloning and Stem Cells*, **2007**, 9, 407-16		20
85	Derivation and characterization of alveolar epithelial cells from murine embryonic stem cells in vitro. *Methods in Molecular Biology*, **2006**, 330, 233-48	1.4	20
84	The differentiation of distal lung epithelium from embryonic stem cells. *Current Protocols in Stem Cell Biology*, **2007**, Chapter 1, Unit 1G.1	2.8	19
83	Poly(caprolactone)/nano fluoridated hydroxyapatite scaffolds for bone tissue engineering: in vitro degradation and biocompatibility study. *Journal of Materials Science: Materials in Medicine*, **2012**, 23, 763-70	4.5	18

82	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. *Inflammation Research*, **2012**, 61, 1347-54	7.2	18
81	Effect of tissue-engineered chitosan-poly(vinyl alcohol) nanofibrous scaffolds on healing of burn wounds of rat skin. *IET Nanobiotechnology*, **2012**, 6, 129-35	2	18
80	Influence of oral contraceptive pills on homocysteine and nitric oxide levels: as risk factors for cardiovascular disease. *Journal of Clinical Laboratory Analysis*, **2012**, 26, 120-3	3	18
79	Evidence for embryonic stem-like signature and epithelial-mesenchymal transition features in the spheroid cells derived from lung adenocarcinoma. *Tumor Biology*, **2016**, 37, 11843-11859	2.9	18
78	Surface Topography and Electrical Signaling: Single and Synergistic Effects on Neural Differentiation of Stem Cells. *Advanced Functional Materials*, **2020**, 30, 1907792	15.6	17
77	Synthesis, Characterization, In Vitro Bioactivity and Biocompatibility Evaluation of Hydroxyapatite/Bredigite (Ca7MgSi4O16) Composite Nanoparticles. *Jom*, **2016**, 68, 1061-1070	2.1	17
76	Serum level of homocysteine, folate and vitamin-B12 in epileptic patients under carbamazepine and sodium valproate treatment: a systematic review and meta-analysis. *Iranian Red Crescent Medical Journal*, **2013**, 15, 249-53	1.3	16
75	Improvement, scaling-up, and downstream analysis of exosome production. *Critical Reviews in Biotechnology*, **2020**, 40, 1098-1112	9.4	16
74	A Dermal Equivalent Engineered with TGF-β Expressing Bone Marrow Stromal Cells and Amniotic Membrane: Cosmetic Healing of Full-Thickness Skin Wounds in Rats. *Artificial Organs*, **2016**, 40, E266-E279	2.6	16
73	Chondrogenesis of human adipose-derived mesenchymal stromal cells on the [devitalized costal cartilage matrix/poly(vinyl alcohol)/fibrin] hybrid scaffolds. *European Polymer Journal*, **2019**, 118, 528-541	5.2	13
72	Bone Regeneration in rat using a gelatin/bioactive glass nanocomposite scaffold along with endothelial cells (HUVECs). *International Journal of Applied Ceramic Technology*, **2018**, 15, 1427-1438	2	13
71	Methylation of O6-methyl guanine methyltransferase gene promoter in meningiomas--comparison between tumor grades I, II, and III. *Asian Pacific Journal of Cancer Prevention*, **2014**, 15, 33-8	1.7	13
70	A bibliometric overview of 30 years of medical sciences productivity in iran. *Archives of Iranian Medicine*, **2010**, 13, 313-7	2.4	13
69	Skin regeneration stimulation: the role of PCL-platelet gel nanofibrous scaffold. *Microscopy Research and Technique*, **2017**, 80, 495-503	2.8	12
68	A new rat model of neonatal bilirubin encephalopathy (kernicterus). *Journal of Pharmacological and Toxicological Methods*, **2017**, 84, 44-50	1.7	12
67	Matrix metalloproteinase-9 and paraoxonase 1 Q/R192 gene polymorphisms and the risk of coronary artery stenosis in Iranian subjects. *Journal of Clinical Laboratory Analysis*, **2010**, 24, 305-10	3	12
66	Nanofibrillated chitosan coated highly ordered titania nanotubes array/graphene nanocomposite with improved biological characters. *Carbohydrate Polymers*, **2021**, 254, 117465	10.3	12
65	Serotonin 1A receptor genetic variations, suicide, and life events in the Iranian population. *Psychiatry and Clinical Neurosciences*, **2012**, 66, 337-43	6.2	11

64	Histologic analyses of different concentrations of TritonX-100 and Sodium dodecyl sulfate detergent in lung decellularization. *Cellular and Molecular Biology*, **2017**, 63, 46-51	1.1	11
63	Rat lung decellularization using chemical detergents for lung tissue engineering. *Biotechnic and Histochemistry*, **2019**, 94, 214-222	1.8	11
62	Tissue Engineering and Regenerative Medicine in Iran: Current State of Research and Future Outlook. *Molecular Biotechnology*, **2015**, 57, 589-605	3	10
61	Effect of oral contraceptive therapy on homocysteine and C-reactive protein levels in women: an observational study. *Anatolian Journal of Cardiology*, **2011**, 11, 698-702		10
60	The effect of intrathecal delivery of bone marrow stromal cells on hippocampal neurons in rat model of Alzheimer's disease. *Iranian Journal of Basic Medical Sciences*, **2015**, 18, 520-5	1.8	10
59	The electrospun poly(ε-caprolactone)/fluoridated hydroxyapatite nanocomposite for bone tissue engineering. *Polymers for Advanced Technologies*, **2020**, 31, 1019-1026	3.2	10
58	Bioinspired multifunctional TiO2 hierarchical micro/nanostructures with tunable improved bone cell growth and inhibited bacteria adhesion. *Ceramics International*, **2020**, 46, 9669-9679	5.1	10
57	A Comparative Study of Rat Lung Decellularization by Chemical Detergents for Lung Tissue Engineering. *Open Access Macedonian Journal of Medical Sciences*, **2017**, 5, 859-865	1	9
56	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. *Medical Hypotheses*, **2020**, 134, 109389	3.8	9
55	Insight into the interactive effects of β-glycerophosphate molecules on thermosensitive chitosan-based hydrogels. *Bioinspired, Biomimetic and Nanobiomaterials*, **2016**, 5, 67-73	1.3	8
54	High-tech biomedical research: lessons from Iran's experience. *BioMedical Engineering OnLine*, **2008**, 7, 17	4.1	8
53	Shape-controlled silver NPs for shape-dependent biological activities. *Micro and Nano Letters*, **2017**, 12, 647-651	0.9	8
52	Preparation of internally-crosslinked alginate microspheres: Optimization of process parameters and study of pH-responsive behaviors. *Carbohydrate Polymers*, **2021**, 255, 117336	10.3	8
51	Comparative gene-expression profiling of CD133(+) and CD133(-) D10 melanoma cells. *Future Oncology*, **2015**, 11, 2383-93	3.6	7
50	A novel pathway to produce biodegradable and bioactive PLGA/TiO nanocomposite scaffolds for tissue engineering: Air-liquid foaming. *Journal of Biomedical Materials Research - Part A*, **2020**, 108, 1390-1407	5.4	7
49	The evaluation of the FOXO1, KLF9 and YT521 genes expression in human endometrial cancer. *Clinical Laboratory*, **2013**, 59, 483-9	2	7
48	Mechanical modeling of silk fibroin/TiO2 and silk fibroin/fluoridated TiO2 nanocomposite scaffolds for bone tissue engineering. *Iranian Polymer Journal (English Edition)*, **2020**, 29, 219-224	2.3	6
47	Novel Blend Scaffolds from Poly(caprolactone)Chitosan-Poly(vinyl alcohol): Physical, Morphological and Biological Studies. *Journal of Biomaterials and Tissue Engineering*, **2014**, 4, 245-252	0.3	6

46	Effect of apolipoprotein E genotypes on incidence and development of coronary stenosis in Iranian patients with coronary artery disease. *Journal of Clinical Laboratory Analysis*, **2011**, 25, 43-6	3	6
45	Risk of coronary artery stenosis in Iranian type 2 diabetics: is there a role for matrix metalloproteinase-3 gene (-1612 5A/6A) polymorphism?. *Journal of Physiology and Biochemistry*, **2010**, 66, 359-64	5	6
44	Tenocyte-imprinted substrate: a topography-based inducer for tenogenic differentiation in adipose tissue-derived mesenchymal stem cells. *Biomedical Materials (Bristol)*, **2020**, 15, 035014	3.5	6
43	Inhibition of hypertrophy and improving chondrocyte differentiation by MMP-13 inhibitor small molecule encapsulated in alginate-chondroitin sulfate-platelet lysate hydrogel. *Stem Cell Research and Therapy*, **2020**, 11, 436	8.3	6
42	Nanoengineered biomaterials for kidney regeneration **2019**, 325-344		6
41	Poly (e-caprolactone)-chitosan-poly (vinyl alcohol) nanofibrous scaffolds for skin excisional and burn wounds in a canine model. *IET Nanobiotechnology*, **2018**, 12, 619-625	2	6
40	Nanocomposite scaffold seeded with mesenchymal stem cells for bone repair. *Cell Biology International*, **2019**, 43, 1379	4.5	5
39	The in vivo effect of Lacto-N-neotetraose (LNnT) on the expression of type 2 immune response involved genes in the wound healing process. *Scientific Reports*, **2020**, 10, 997	4.9	5
38	Influence of RGD grafting on biocompatibility of oxidized cellulose scaffold. *Artificial Cells, Nanomedicine and Biotechnology*, **2013**, 41, 421-7	6.1	5
37	Stem Cells as Building Blocks **2014**, 41-55		5
36	Recombinant proteins: hopes for tissue engineering. *BioImpacts*, **2012**, 2, 123-5	3.5	5
35	Functionalized polymers for tissue engineering and regenerative medicines **2019**, 323-357		4
34	Novel Bioactive Poly(ε-caprolactone)-Gelatin-Hydroxyapatite Nanocomposite Scaffolds for Bone Regeneration. *Key Engineering Materials*, **2011**, 493-494, 909-915	0.4	4
33	Mineralized Human Amniotic Membrane as a Biomimetic Scaffold for Hard Tissue Engineering Applications. *ACS Biomaterials Science and Engineering*, **2020**, 6, 6285-6298	5.5	4
32	Human Amniotic Membrane as a Biological Source for Regenerative Medicine. *Pancreatic Islet Biology*, **2016**, 81-105	0.4	4
31	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. *Biomedical Materials (Bristol)*, **2017**, 12, 045014	3.5	3
30	PLGA/TiO nanocomposite scaffolds for biomedical applications: fabrication, photocatalytic, and antibacterial properties. *BioImpacts*, **2021**, 11, 45-52	3.5	3
29	Evaluation of Bioactivity and Biocompatibility of Silk Fibroin/TiO2 Nanocomposite. *Journal of Medical and Biological Engineering*, **2018**, 38, 99-105	2.2	2

28	Effect of Silver Concentration on Bioactivity and Antibacterial Properties of SiO2-CaO-P2O5 Sol-Gel Derived Bioactive Glass. *Key Engineering Materials*, **2011**, 493-494, 74-79	0.4	2
27	A new approach for simultaneously improved osseointegration and antibacterial activity by electrochemical deposition of graphene nanolayers over titania nanotubes. *Applied Surface Science*, **2022**, 580, 152263	6.7	2
26	The Effect of Alpha-Tocopherol on Morphine Tolerance-induced Expression of c-fos Proto-oncogene from a Biotechnological Perspective. *Recent Patents on Biotechnology*, **2019**, 13, 137-148	2.2	2
25	Synergistic effects of conductivity and cell-imprinted topography of chitosan-polyaniline based scaffolds for neural differentiation of adipose-derived stem cells		2
24	Cross-linked acellular lung for application in tissue engineering: Effects on biocompatibility, mechanical properties and immunological responses. *Materials Science and Engineering C*, **2021**, 122, 111938	8.3	2
23	Nanoengineered biomaterials for lung regeneration **2019**, 305-323		2
22	Conductive chitosan/polyaniline hydrogel with cell-imprinted topography as a potential substrate for neural priming of adipose derived stem cells.. *RSC Advances*, **2021**, 11, 15795-15807	3.7	2
21	Nanoengineered biomaterials for diaphragm regeneration **2019**, 345-362		1
20	Implementing Taguchi method to analyze electrospinning parameters influence on Mg-doped fluorapatite nanoparticles-poly (Ɛcaprolactone) nanocomposite scaffold (Mg-FA NPs/PCL) properties. *Polymers for Advanced Technologies*, **2020**, 31, 3114-3125	3.2	1
19	Characterization of Lung Fibroblasts More than Two Decades after Mustard Gas Exposure. *PLoS ONE*, **2015**, 10, e0145148	3.7	1
18	Nanoengineered biomaterials for tracheal replacement **2019**, 285-303		1
17	Nanoengineered biomaterials for skin regeneration **2019**, 265-283		1
16	Design and fabrication of polycaprolactone/gelatin composite scaffolds for diaphragmatic muscle reconstruction. *Journal of Tissue Engineering and Regenerative Medicine*, **2021**, 15, 78-87	4.4	1
15	Nanofibrous scaffolds from chitosan and poly(caprolactone) for excision wound healing application in canine model. *Materials Today: Proceedings*, **2018**, 5, 15629-15634	1.4	1
14	A Single Nucleotide Polymorphism -1131T>C in the Apolipoprotein A5 Gene Modulates the Levels of Triglyceride. *Laboratory Medicine*, **2011**, 42, 171-174	1.6	0
13	A bibliometric trend analysis of regenerative medicine research output in Iran: Comparison with the global research output. *Materials Today: Proceedings*, **2018**, 5, 15506-15515	1.4	0
12	Microenvironmental Modulation of Stem Cell Differentiation with Focus on the Lung **2015**, 59-97		
11	Preparation and characterization of highly porous ceramic-based nanocomposite scaffolds with improved mechanical properties using the liquid phase-assisted sintering method. *Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications*, **2019**, 233, 1854-1865	1.3	

10	Lungs **2014**, 1561-1577	
9	An Association Study of 1131T>C Single Nucleotide Polymorphism of Apolipoprotein A5 Gene With Coronary Artery Disease. *Laboratory Medicine*, **2011**, 42, 350-354	1.6
8	Cloning, Soluble Expression and Immunoreactivity of HIV-1 CRF35_AD p24 Protein Infusion with HP-thioredoxin from Iranian Clinical Isolates. *Laboratory Medicine*, **2012**, 43, 245-249	1.6
7	Recovery rate of embryonic stem cells after defrosting: role of the feeder layer. *Cytotherapy*, **2007**, 9, 697-8	4.8
6	Porous functionally graded scaffolds of poly (ε-caprolactone)/ZnO nanocomposite for skin tissue engineering: Morphological, mechanical and biological evaluation. *Materials Chemistry and Physics*, **2022**, 280, 125786	4.4
5	Macrolide-Clarithromycin Task-Force for the Treatment and Prophylaxis of Covid-19 as a Single Agent. *Pharmacology & Pharmacy*, **2020**, 11, 85-104	0.3
4	Use of Nanotechnology for Viable Applications in the Field of Medicine **2018**, 393-431	
3	Detection of Mutations of Antimutator Gene pfpI in Pseudomonas aeruginosa Species Isolated from Burn Patients in Tehran, Iran. *Journal of Medical Microbiology and Infectious Diseases*, **2019**, 7, 127-131	0.4
2	Nanoengineered biomaterials for bladder regeneration **2019**, 459-474	
1	Formulation of electrospun Mg-FA/poly (ε-caprolactone) nanocomposite to adjust bioactivity, biodegradability, and cellular interactions. *Polymers for Advanced Technologies*, **2021**, 32, 2597-2608	3.2