

# Xiaoxiao Cai

## 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.

145  
papers

3,263  
citations

33  
h-index

48  
g-index

158  
ext. papers

4,200  
ext. citations

7.6  
avg, IF

5.58  
L-index

#	Paper	IF	Citations
145	Applications of tetrahedral DNA nanostructures in wound repair and tissue regeneration.. <i>Burns and Trauma</i> , <b>2022</b> , 10, tkac006	5.3	1
144	A Lysosome-activated Tetrahedral Nanobox for Encapsulated siRNA Delivery.. <i>Advanced Materials</i> , <b>2022</b> , e2201731	24	11
143	Bioswitchable Delivery of microRNA by Framework Nucleic Acids: Application to Bone Regeneration (Small 47/2021). <i>Small</i> , <b>2021</b> , 17, 2170248	11	
142	Hard tissue stability after guided bone regeneration: a comparison between digital titanium mesh and resorbable membrane. <i>International Journal of Oral Science</i> , <b>2021</b> , 13, 37	27.9	0
141	Bioswitchable Delivery of microRNA by Framework Nucleic Acids: Application to Bone Regeneration. <i>Small</i> , <b>2021</b> , 17, e2104359	11	23
140	Tetrahedral Framework Nucleic Acids Reverse New-Onset Type 1 Diabetes. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 50802-50811	9.5	4
139	Tetrahedral DNA nanostructure improves transport efficiency and anti-fungal effect of histatin 5 against <i>Candida albicans</i> . <i>Cell Proliferation</i> , <b>2021</b> , 54, e13020	7.9	5
138	Tetrahedral Framework Nucleic Acids Induce Immune Tolerance and Prevent the Onset of Type 1 Diabetes. <i>Nano Letters</i> , <b>2021</b> , 21, 4437-4446	11.5	16
137	The protective effect of tetrahedral framework nucleic acids on periodontium under inflammatory conditions. <i>Bioactive Materials</i> , <b>2021</b> , 6, 1676-1688	16.7	30
136	Aptamer-guided DNA tetrahedrons as a photo-responsive drug delivery system for Mucin 1-expressing breast cancer cells. <i>Applied Materials Today</i> , <b>2021</b> , 23, 101010	6.6	8
135	A novel digital and visualized guided bone regeneration procedure and digital precise bone augmentation: A case series. <i>Clinical Implant Dentistry and Related Research</i> , <b>2021</b> , 23, 19-30	3.9	4
134	JKAMP inhibits the osteogenic capacity of adipose-derived stem cells in diabetic osteoporosis by modulating the Wnt signaling pathway through intragenic DNA methylation. <i>Stem Cell Research and Therapy</i> , <b>2021</b> , 12, 120	8.3	8
133	Enriched Au nanoclusters with mesoporous silica nanoparticles for improved fluorescence/computed tomography dual-modal imaging. <i>Cell Proliferation</i> , <b>2021</b> , 54, e13008	7.9	4
132	Aptamer-mediated synthesis of multifunctional nano-hydroxyapatite for active tumour bioimaging and treatment. <i>Cell Proliferation</i> , <b>2021</b> , 54, e13105	7.9	5
131	Tetrahedral Framework Nucleic Acids Reestablish Immune Tolerance and Restore Saliva Secretion in a Sjögren's Syndrome Mouse Model. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 42543-42553	9.5	3
130	The Application of Nucleic Acids and Nucleic Acid Materials in Antimicrobial Research. <i>Current Stem Cell Research and Therapy</i> , <b>2021</b> , 16, 66-73	3.6	1
129	The Application of Tetrahedral Framework Nucleic Acids as a Drug Carrier in Biomedicine Fields. <i>Current Stem Cell Research and Therapy</i> , <b>2021</b> , 16, 48-56	3.6	2

128	Nanomaterials and Aging. <i>Current Stem Cell Research and Therapy</i> , <b>2021</b> , 16, 57-65	3.6	1
127	Tetrahedral Framework Nucleic Acids Loaded with Aptamer AS1411 for siRNA Delivery and Gene Silencing in Malignant Melanoma. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 6109-6118	9.5	15
126	Tetrahedral framework nucleic acids facilitate neurorestoration of facial nerves by activating the NGF/PI3K/AKT pathway. <i>Nanoscale</i> , <b>2021</b> , 13, 15598-15610	7.7	2
125	A DNA Nanostructure-Based Neuroprotectant against Neuronal Apoptosis Inhibiting Toll-like Receptor 2 Signaling Pathway in Acute Ischemic Stroke.. <i>ACS Nano</i> , <b>2021</b> ,	16.7	15
124	LncRNA-AK137033 inhibits the osteogenic potential of adipose-derived stem cells in diabetic osteoporosis by regulating Wnt signaling pathway via DNA methylation.. <i>Cell Proliferation</i> , <b>2021</b> , e13174	7.9	2
123	Sulphur doped carbon dots enhance photodynamic therapy via PI3K/Akt signalling pathway. <i>Cell Proliferation</i> , <b>2020</b> , 53, e12821	7.9	12
122	Advanced glycation end products inhibit the osteogenic differentiation potential of adipose-derived stem cells by modulating Wnt/ $\beta$ -catenin signalling pathway via DNA methylation. <i>Cell Proliferation</i> , <b>2020</b> , 53, e12834	7.9	19
121	Pegylated carbon nitride nanosheets for enhanced reactive oxygen species generation and photodynamic therapy under hypoxic conditions. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2020</b> , 25, 102167	6	9
120	Antioxidative and Angiogenesis-Promoting Effects of Tetrahedral Framework Nucleic Acids in Diabetic Wound Healing with Activation of the Akt/Nrf2/HO-1 Pathway. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 11397-11408	9.5	36
119	Effects of tetrahedral framework nucleic acid/wogonin complexes on osteoarthritis. <i>Bone Research</i> , <b>2020</b> , 8, 6	13.3	35
118	Radial P34HB Electrospun Fiber: A Scaffold for Bone Tissue Engineering. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2020</b> , 20, 6161-6167	1.3	1
117	Titanium mesh for bone augmentation in oral implantology: current application and progress. <i>International Journal of Oral Science</i> , <b>2020</b> , 12, 37	27.9	28
116	AS1411 aptamer modified carbon dots via polyethylenimine-assisted strategy for efficient targeted cancer cell imaging. <i>Cell Proliferation</i> , <b>2020</b> , 53, e12713	7.9	20
115	Design, fabrication and applications of tetrahedral DNA nanostructure-based multifunctional complexes in drug delivery and biomedical treatment. <i>Nature Protocols</i> , <b>2020</b> , 15, 2728-2757	18.8	78
114	Blood exposure to graphene oxide may cause anaphylactic death in non-human primates. <i>Nano Today</i> , <b>2020</b> , 35, 100922	17.9	16
113	Nucleic acid based tetrahedral framework DNA nanostructures for fibrotic diseases therapy. <i>Applied Materials Today</i> , <b>2020</b> , 20, 100725	6.6	2
112	Effects of the tetrahedral framework nucleic acids on the skeletal muscle regeneration in vitro and in vivo. <i>Materials Chemistry Frontiers</i> , <b>2020</b> , 4, 2731-2743	7.8	2
111	MicroRNA-214-3p modified tetrahedral framework nucleic acids target survivin to induce tumour cell apoptosis. <i>Cell Proliferation</i> , <b>2020</b> , 53, e12708	7.9	18

110	Sulphur-doped carbon dots as a highly efficient nano-photodynamic agent against oral squamous cell carcinoma. <i>Cell Proliferation</i> , <b>2020</b> , 53, e12786	7.9	12
109	Functional Reconstruction of Mandibular Segment Defects With Individual Preformed Reconstruction Plate and Computed Tomographic Angiography-Aided Iliac Crest Flap. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2019</b> , 77, 1293-1304	1.8	2
108	Tetrahedral Framework Nucleic Acids Promote Corneal Epithelial Wound Healing in Vitro and in Vivo. <i>Small</i> , <b>2019</b> , 15, e1901907	11	26
107	P34HB electrospun fibres promote bone regeneration in vivo. <i>Cell Proliferation</i> , <b>2019</b> , 52, e12601	7.9	14
106	The application of a newly designed L-shaped titanium mesh for GBR with simultaneous implant placement in the esthetic zone: A retrospective case series study. <i>Clinical Implant Dentistry and Related Research</i> , <b>2019</b> , 21, 862-872	3.9	12
105	Effect of tetrahedral DNA nanostructures on proliferation and osteogenic differentiation of human periodontal ligament stem cells. <i>Cell Proliferation</i> , <b>2019</b> , 52, e12566	7.9	21
104	Advances in biological applications of self-assembled DNA tetrahedral nanostructures. <i>Materials Today</i> , <b>2019</b> , 24, 57-68	21.8	72
103	Cardioprotection of Tetrahedral DNA Nanostructures in Myocardial Ischemia-Reperfusion Injury. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 30631-30639	9.5	28
102	Corneal Healing: Tetrahedral Framework Nucleic Acids Promote Corneal Epithelial Wound Healing in Vitro and in Vivo (Small 31/2019). <i>Small</i> , <b>2019</b> , 15, 1970162	11	3
101	Engineering DNA-Nanozyme Interfaces for Rapid Detection of Dental Bacteria. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 30640-30647	9.5	30
100	PEGylated Protamine-Based Adsorbing Improves the Biological Properties and Stability of Tetrahedral Framework Nucleic Acids. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 27588-27597	9.5	24
99	Targeted and effective glioblastoma therapy via aptamer-modified tetrahedral framework nucleic acid-paclitaxel nanoconjugates that can pass the blood brain barrier. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2019</b> , 21, 102061	6	24
98	Potent anti-angiogenesis and anti-tumour activity of pegaptanib-loaded tetrahedral DNA nanostructure. <i>Cell Proliferation</i> , <b>2019</b> , 52, e12662	7.9	8
97	Cover Image, Volume 52, Issue 2. <i>Cell Proliferation</i> , <b>2019</b> , 52, e12620	7.9	78
96	Tetrahedral framework nucleic acids prevent retina ischemia-reperfusion injury from oxidative stress via activating the Akt/Nrf2 pathway. <i>Nanoscale</i> , <b>2019</b> , 11, 20667-20675	7.7	32
95	Matrix stiffness regulates arteriovenous differentiation of endothelial progenitor cells during vasculogenesis in nude mice. <i>Cell Proliferation</i> , <b>2019</b> , 52, e12557	7.9	5
94	Effect of tetrahedral DNA nanostructures on proliferation and osteo/odontogenic differentiation of dental pulp stem cells via activation of the notch signaling pathway. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2018</b> , 14, 1227-1236	6	45
93	Vascularization in Craniofacial Bone Tissue Engineering. <i>Journal of Dental Research</i> , <b>2018</b> , 97, 969-976	8.1	30

92	Stiffness regulates the proliferation and osteogenic/odontogenic differentiation of human dental pulp stem cells via the WNT signalling pathway. <i>Cell Proliferation</i> , <b>2018</b> , 51, e12435	7.9	27
91	Substrate stiffness regulated migration and invasion ability of adenoid cystic carcinoma cells via RhoA/ROCK pathway. <i>Cell Proliferation</i> , <b>2018</b> , 51, e12442	7.9	19
90	Anti-inflammatory and Antioxidative Effects of Tetrahedral DNA Nanostructures via the Modulation of Macrophage Responses. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 3421-3430	9.5	88
89	Regulating osteogenesis and adipogenesis in adipose-derived stem cells by controlling underlying substrate stiffness. <i>Journal of Cellular Physiology</i> , <b>2018</b> , 233, 3418-3428	7	36
88	Effect of substrate stiffness on proliferation and differentiation of periodontal ligament stem cells. <i>Cell Proliferation</i> , <b>2018</b> , 51, e12478	7.9	19
87	Doxorubicin conjugated carbon dots as a drug delivery system for human breast cancer therapy. <i>Cell Proliferation</i> , <b>2018</b> , 51, e12488	7.9	67
86	Blockade of receptors of advanced glycation end products ameliorates diabetic osteogenesis of adipose-derived stem cells through DNA methylation and Wnt signalling pathway. <i>Cell Proliferation</i> , <b>2018</b> , 51, e12471	7.9	23
85	Tea Polyphenol-Reduced Graphene Oxide Deposition on Titanium Surface Enhances Osteoblast Bioactivity. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2018</b> , 18, 3134-3140	1.3	10
84	Cover Image, Volume 51, Issue 3. <i>Cell Proliferation</i> , <b>2018</b> , 51, e12481	7.9	78
83	Poly(3-Hydroxybutyrate-co-4-Hydroxybutyrate) Simulated Cartilage Lacunae Scaffold Promotes Cell Proliferation and Cartilage Repair. <i>Nanoscience and Nanotechnology Letters</i> , <b>2018</b> , 10, 1523-1531	0.8	3
82	Physical Cues Drive Chondrogenic Differentiation. <i>Current Stem Cell Research and Therapy</i> , <b>2018</b> , 13, 576-582	3.6	4
81	Different Sources of Stem Cells and their Application in Cartilage Tissue Engineering. <i>Current Stem Cell Research and Therapy</i> , <b>2018</b> , 13, 568-575	3.6	15
80	Electrospun Fibers for Cartilage Tissue Regeneration. <i>Current Stem Cell Research and Therapy</i> , <b>2018</b> , 13, 591-599	3.6	7
79	Synthesis, Characterization, and Biological Study of Carboxyl- and Amino-Rich g-C <sub>3</sub> N <sub>4</sub> Nanosheets by Different Processing Routes. <i>Journal of Biomedical Nanotechnology</i> , <b>2018</b> , 14, 2114-2123	4	4
78	Tetrahedral DNA Nanostructure Promotes Endothelial Cell Proliferation, Migration, and Angiogenesis via Notch Signaling Pathway. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 37911-37918	9.5	35
77	Genetic susceptibility of postmenopausal osteoporosis on sulfide quinone reductase-like gene. <i>Osteoporosis International</i> , <b>2018</b> , 29, 2041-2047	5.3	8
76	Osteogenic differentiation potential of adipose-derived stem cells from ovariectomized mice. <i>Cell Proliferation</i> , <b>2017</b> , 50,	7.9	10
75	Effect of matrix stiffness on osteoblast functionalization. <i>Cell Proliferation</i> , <b>2017</b> , 50,	7.9	49

74	Reconstruction of Mandible: A Fully Digital Workflow From Visualized Iliac Bone Grafting to Implant Restoration. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2017</b> , 75, 1403.e1-1403.e10	1.8	7
73	Application of Stem Cells and the Factors Influence Their Differentiation in Cartilage Tissue Engineering. <i>Pancreatic Islet Biology</i> , <b>2017</b> , 1-20	0.4	1
72	Cellular Response to Surface Topography and Substrate Stiffness. <i>Pancreatic Islet Biology</i> , <b>2017</b> , 41-57	0.4	2
71	Hypoxia triggers angiogenesis by increasing expression of LOX genes in 3-D culture of ASCs and ECs. <i>Experimental Cell Research</i> , <b>2017</b> , 352, 157-163	4.2	11
70	Effects of Micro-environmental pH of Liposome on Chemical Stability of Loaded Drug. <i>Nanoscale Research Letters</i> , <b>2017</b> , 12, 504	5	36
69	Fabrication of Calcium Phosphate Microflowers and Their Extended Application in Bone Regeneration. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 30437-30447	9.5	43
68	MMP-2 and Notch signal pathway regulate migration of adipose-derived stem cells and chondrocytes in co-culture systems. <i>Cell Proliferation</i> , <b>2017</b> , 50,	7.9	14
67	Injectable and thermosensitive TGF- $\beta$ -loaded PCEC hydrogel system for in vivo cartilage repair. <i>Scientific Reports</i> , <b>2017</b> , 7, 10553	4.9	35
66	Curved microstructures promote osteogenesis of mesenchymal stem cells via the RhoA/ROCK pathway. <i>Cell Proliferation</i> , <b>2017</b> , 50,	7.9	28
65	Substrate stiffness regulates arterial-venous differentiation of endothelial progenitor cells via the Ras/Mek pathway. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2017</b> , 1864, 1799-1808	4.9	24
64	A potential flower-like coating consisting of calcium-phosphate nanosheets on titanium surface. <i>Chinese Chemical Letters</i> , <b>2017</b> , 28, 1893-1896	8.1	8
63	Angiogenesis in a 3D model containing adipose tissue stem cells and endothelial cells is mediated by canonical Wnt signaling. <i>Bone Research</i> , <b>2017</b> , 5, 17048	13.3	40
62	Electrospun Poly(3-hydroxybutyrate-co-4-hydroxybutyrate)/Graphene Oxide Scaffold: Enhanced Properties and Promoted in Vivo Bone Repair in Rats. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 42589-42600	9.5	74
61	The fabrication of biomimetic biphasic CAN-PAC hydrogel with a seamless interfacial layer applied in osteochondral defect repair. <i>Bone Research</i> , <b>2017</b> , 5, 17018	13.3	96
60	Notch Signaling Pathway Regulates Angiogenesis via Endothelial Cell in 3D Co-Culture Model. <i>Journal of Cellular Physiology</i> , <b>2017</b> , 232, 1548-1558	7	21
59	The JAK/STAT3 signalling pathway regulated angiogenesis in an endothelial cell/adipose-derived stromal cell co-culture, 3D gel model. <i>Cell Proliferation</i> , <b>2017</b> , 50,	7.9	44
58	One Step Green Reduced and Functionalized Graphene Oxide for Highly Efficient Loading and Effectively Release of Doxorubicin Hydrochloride. <i>Journal of Biomedical Nanotechnology</i> , <b>2017</b> , 13, 1309-1320	3	
57	Low-intensity pulsed ultrasound upregulates pro-myelination indicators of Schwann cells enhanced by co-culture with adipose-derived stem cells. <i>Cell Proliferation</i> , <b>2016</b> , 49, 720-728	7.9	12

56	Hypoxia enhances angiogenesis in an adipose-derived stromal cell/endothelial cell co-culture 3D gel model. <i>Cell Proliferation</i> , <b>2016</b> , 49, 236-45	7.9	17
55	Molecular Mechanisms of PPAR-γ Governing MSC Osteogenic and Adipogenic Differentiation. <i>Current Stem Cell Research and Therapy</i> , <b>2016</b> , 11, 255-64	3.6	71
54	PPAR $\alpha$ and Its Ligands: Potential Antitumor Agents in the Digestive System. <i>Current Stem Cell Research and Therapy</i> , <b>2016</b> , 11, 274-81	3.6	7
53	Peroxisome Proliferator-Activated Receptor (PPAR) in Regenerative Medicine: Molecular Mechanism for PPAR in Stem Cells Adipocyte Differentiation. <i>Current Stem Cell Research and Therapy</i> , <b>2016</b> , 11, 290-8	3.6	4
52	The association between chronic periodontitis and vasculogenic erectile dysfunction: a systematic review and meta-analysis. <i>Journal of Clinical Periodontology</i> , <b>2016</b> , 43, 206-15	7.7	12
51	Crosstalk between adipose-derived stem cells and chondrocytes: when growth factors matter. <i>Bone Research</i> , <b>2016</b> , 4, 15036	13.3	55
50	Monocular perceptual learning of contrast detection facilitates binocular combination in adults with anisometropic amblyopia. <i>Scientific Reports</i> , <b>2016</b> , 6, 20187	4.9	20
49	Understanding the Biomedical Effects of the Self-Assembled Tetrahedral DNA Nanostructure on Living Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 12733-9	9.5	43
48	Characterization, Specific Demand and Application of Nanomaterials in Bone Regeneration. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2016</b> , 16, 9381-9392	1.3	5
47	Enhanced biostability of nanoparticle-based drug delivery systems by albumin corona. <i>Nanomedicine</i> , <b>2015</b> , 10, 205-14	5.6	49
46	Regulation of Extracellular Matrix Remodeling Proteins by Osteoblasts in Titanium Nanoparticle-Induced Aseptic Loosening Model. <i>Journal of Biomedical Nanotechnology</i> , <b>2015</b> , 11, 1826-34	3.4	5
45	Independent effect of polymeric nanoparticle zeta potential/surface charge, on their cytotoxicity and affinity to cells. <i>Cell Proliferation</i> , <b>2015</b> , 48, 465-74	7.9	97
44	Tetramethylpyrazine (TMP), an Active Ingredient of Chinese Herb Medicine Chuanxiong, Attenuates the Degeneration of Trabecular Meshwork through SDF-1/CXCR4 Axis. <i>PLoS ONE</i> , <b>2015</b> , 10, e0133055	3.7	9
43	Poly(3-hydroxybutyrate-co-4-hydroxybutyrate) Based Electrospun 3D Scaffolds for Delivery of Autogenic Chondrocytes and Adipose-Derived Stem Cells: Evaluation of Cartilage Defects in Rabbit. <i>Journal of Biomedical Nanotechnology</i> , <b>2015</b> , 11, 105-16	4	29
42	The effects of interleukin-1 $\beta$ in modulating osteoclast-conditioned medium's influence on gelatinases in chondrocytes through mitogen-activated protein kinases. <i>International Journal of Oral Science</i> , <b>2015</b> , 7, 220-31	27.9	22
41	Tetraploid complementation proves pluripotency of induced pluripotent stem cells derived from adipose tissue. <i>Cell Proliferation</i> , <b>2015</b> , 48, 39-46	7.9	6
40	Nanocomplex based on biocompatible phospholipids and albumin for long-circulation applications. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 13730-7	9.5	28
39	Surface characterization and osteoblast response to a functionally graded hydroxyapatite/fluoro-hydroxyapatite/titanium oxide coating on titanium surface by sol-gel method. <i>Cell Proliferation</i> , <b>2014</b> , 47, 258-66	7.9	20

38	Dyscalculia, dysgraphia, and left-right confusion from a left posterior peri-insular infarct. <i>Behavioural Neurology</i> , <b>2014</b> , 2014, 823591	3	9
37	Adipogenic differentiation potential of adipose-derived mesenchymal stem cells from ovariectomized mice. <i>Cell Proliferation</i> , <b>2014</b> , 47, 604-14	7.9	22
36	Electrospun P34HB fibres: a scaffold for tissue engineering. <i>Cell Proliferation</i> , <b>2014</b> , 47, 465-75	7.9	19
35	The properties of poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) and its applications in tissue engineering. <i>Current Stem Cell Research and Therapy</i> , <b>2014</b> , 9, 215-22	3.6	16
34	Miscellaneous animal models accelerate the application of mesenchymal stem cells for cartilage regeneration. <i>Current Stem Cell Research and Therapy</i> , <b>2014</b> , 9, 223-33	3.6	8
33	Emerging roles of microRNAs in neural stem cells. <i>Current Stem Cell Research and Therapy</i> , <b>2014</b> , 9, 234-436	3.6	5
32	The role of miRNAs in the differentiation of adipose-derived stem cells. <i>Current Stem Cell Research and Therapy</i> , <b>2014</b> , 9, 268-79	3.6	22
31	Effects of bone morphogenetic protein-4 (BMP-4) on adipocyte differentiation from mouse adipose-derived stem cells. <i>Cell Proliferation</i> , <b>2013</b> , 46, 416-24	7.9	10
30	Mechanical compressive force inhibits adipogenesis of adipose stem cells. <i>Cell Proliferation</i> , <b>2013</b> , 46, 586-94	7.9	13
29	Osteogenic differentiation of adipose-derived stem cells prompted by low-intensity pulsed ultrasound. <i>Cell Proliferation</i> , <b>2013</b> , 46, 320-7	7.9	34
28	Regeneration of articular cartilage by adipose tissue derived mesenchymal stem cells: perspectives from stem cell biology and molecular medicine. <i>Journal of Cellular Physiology</i> , <b>2013</b> , 228, 938-44	7	86
27	Low-intensity pulsed ultrasound induced enhanced adipogenesis of adipose-derived stem cells. <i>Cell Proliferation</i> , <b>2013</b> , 46, 312-9	7.9	16
26	BMP4 promotes vascularization of human adipose stromal cells and endothelial cells in vitro and in vivo. <i>Cell Proliferation</i> , <b>2013</b> , 46, 695-704	7.9	6
25	Polymeric nanoparticles for a drug delivery system. <i>Current Drug Metabolism</i> , <b>2013</b> , 14, 840-6	3.5	40
24	Perspectives on the toxicology of cadmium-based quantum dots. <i>Current Drug Metabolism</i> , <b>2013</b> , 14, 847-56	3.5	12
23	Pharmacokinetics and applications of magnetic nanoparticles. <i>Current Drug Metabolism</i> , <b>2013</b> , 14, 872-8	3.5	1
22	Pharmacokinetics of CNT-based drug delivery systems. <i>Current Drug Metabolism</i> , <b>2013</b> , 14, 910-20	3.5	2
21	Mechanical stretch inhibits adipogenesis and stimulates osteogenesis of adipose stem cells. <i>Cell Proliferation</i> , <b>2012</b> , 45, 158-66	7.9	42



20	Characterization of smooth muscle actin positive cells during multilineage differentiation of dental pulp stem cells. <i>Cell Proliferation</i> , <b>2012</b> , 45, 259-65	7.9	10
19	Secreted factors from adipose tissue increase adipogenic differentiation of mesenchymal stem cells. <i>Cell Proliferation</i> , <b>2012</b> , 45, 311-9	7.9	17
18	Jagged-1-mediated activation of notch signalling induces adipogenesis of adipose-derived stem cells. <i>Cell Proliferation</i> , <b>2012</b> , 45, 538-44	7.9	32
17	Osteogenesis of Adipose-Derived Stem Cells <b>2012</b> ,		6
16	Absorption, pharmacokinetics and disposition properties of solid lipid nanoparticles (SLNs). <i>Current Drug Metabolism</i> , <b>2012</b> , 13, 447-56	3.5	24
15	Absorption, pharmacokinetics and disposition of biodegradable nanoscale preparations. <i>Current Drug Metabolism</i> , <b>2012</b> , 13, 429-39	3.5	4
14	Adipose stem cells originate from perivascular cells. <i>Biology of the Cell</i> , <b>2011</b> , 103, 435-47	3.5	76
13	Notch signalling pathway in tooth development and adult dental cells. <i>Cell Proliferation</i> , <b>2011</b> , 44, 495-507		32
12	Uniaxial cyclic tensile stretch inhibits osteogenic and odontogenic differentiation of human dental pulp stem cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2011</b> , 5, 347-53	4.4	22
11	gamma-secretase inhibitor induces adipogenesis of adipose-derived stem cells by regulation of Notch and PPAR-gamma. <i>Cell Proliferation</i> , <b>2010</b> , 43, 147-56	7.9	44
10	Interaction between Schwann cells and osteoblasts in vitro. <i>International Journal of Oral Science</i> , <b>2010</b> , 2, 74-81	27.9	18
9	Effects of gamma-secretase inhibition on the proliferation and vitamin D(3) induced osteogenesis in adipose derived stem cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2010</b> , 392, 442-7	3.4	14
8	Serum regulates adipogenesis of mesenchymal stem cells via MEK/ERK-dependent PPARgamma expression and phosphorylation. <i>Journal of Cellular and Molecular Medicine</i> , <b>2010</b> , 14, 922-32	5.6	34
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5	Osteoblast adhesion to clodronate-hydroxyapatite composite. <i>Applied Surface Science</i> , <b>2008</b> , 255, 308-317	6.7	4
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