

Yun-Feng Lin

List of Publications by Year in descending order

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287
papers

13,372
citations

23544

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all docs

304
docs citations

304
times ranked

14799
citing authors

#	ARTICLE	IF	CITATIONS
1	Identifying Autism Loci and Genes by Tracing Recent Shared Ancestry. <i>Science</i> , 2008, 321, 218-223.	6.0	688
2	Nanomaterials and bone regeneration. <i>Bone Research</i> , 2015, 3, 15029.	5.4	415
3	Preformed albumin corona, a protective coating for nanoparticles based drug delivery system. <i>Biomaterials</i> , 2013, 34, 8521-8530.	5.7	293
4	The Effect of shape on Cellular Uptake of Gold Nanoparticles in the forms of Stars, Rods, and Triangles. <i>Scientific Reports</i> , 2017, 7, 3827.	1.6	280
5	The BRCA1-associated protein BACH1 is a DNA helicase targeted by clinically relevant inactivating mutations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 2357-2362.	3.3	215
6	Odontogenic tumours: a retrospective study of 1642 cases in a Chinese population. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2007, 36, 20-25.	0.7	214
7	Design, fabrication and applications of tetrahedral DNA nanostructure-based multifunctional complexes in drug delivery and biomedical treatment. <i>Nature Protocols</i> , 2020, 15, 2728-2757.	5.5	211
8	Engineered vascularized bone grafts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 3311-3316.	3.3	207
9	Independent effect of polymeric nanoparticle zeta potential/surface charge, on their cytotoxicity and affinity to cells. <i>Cell Proliferation</i> , 2015, 48, 465-474.	2.4	161
10	Biomimetic Nanoerythroosome-Coated Aptamer-DNA Tetrahedron/Maytansine Conjugates: pH-Responsive and Targeted Cytotoxicity for HER2-Positive Breast Cancer. <i>Advanced Materials</i> , 2022, 34, e2109609.	11.1	158
11	An Intelligent DNA Nanorobot with <i>in Vitro</i> Enhanced Protein Lysosomal Degradation of HER2. <i>Nano Letters</i> , 2019, 19, 4505-4517.	4.5	153
12	Aptamer-Modified Tetrahedral DNA Nanostructure for Tumor-Targeted Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 36695-36701.	4.0	150
13	Functionalizing Framework Nucleic Acid-Based Nanostructures for Biomedical Application. <i>Advanced Materials</i> , 2022, 34, e2107820.	11.1	148
14	Anti-inflammatory activity of curcumin-loaded tetrahedral framework nucleic acids on acute gouty arthritis. <i>Bioactive Materials</i> , 2022, 8, 368-380.	8.6	142
15	Doxorubicin-loaded environmentally friendly carbon dots as a novel drug delivery system for nucleus targeted cancer therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 349-359.	2.5	136
16	Molecular and cellular characterization during chondrogenic differentiation of adipose tissue-derived stromal cells <i>in vitro</i> and cartilage formation <i>in vivo</i> . <i>Journal of Cellular and Molecular Medicine</i> , 2005, 9, 929-939.	1.6	127
17	The fabrication of biomimetic biphasic CAN-PAC hydrogel with a seamless interfacial layer applied in osteochondral defect repair. <i>Bone Research</i> , 2017, 5, 17018.	5.4	127
18	Overcoming drug-resistant lung cancer by paclitaxel loaded tetrahedral DNA nanostructures. <i>Nanoscale</i> , 2018, 10, 5457-5465.	2.8	123

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19	Anti-inflammatory and Antioxidative Effects of Tetrahedral DNA Nanostructures via the Modulation of Macrophage Responses. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 3421-3430.	4.0	121
20	Inhibiting Methicillin-Resistant <i>Staphylococcus aureus</i> by Tetrahedral DNA Nanostructure-Enabled Antisense Peptide Nucleic Acid Delivery. <i>Nano Letters</i> , 2018, 18, 5652-5659.	4.5	117
21	Advances in biological applications of self-assembled DNA tetrahedral nanostructures. <i>Materials Today</i> , 2019, 24, 57-68.	8.3	114
22	The Pex16p Homolog SSE1 and Storage Organelle Formation in Arabidopsis Seeds. <i>Science</i> , 1999, 284, 328-330.	6.0	110
23	The biological applications of DNA nanomaterials: current challenges and future directions. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 351.	7.1	110
24	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> , 2013, 228, 938-944.	2.0	108
25	Clicking DNA to gold nanoparticles: poly-adenine-mediated formation of monovalent DNA-gold nanoparticle conjugates with nearly quantitative yield. <i>NPG Asia Materials</i> , 2015, 7, e159-e159.	3.8	107
26	Insight into the Interaction of Graphene Oxide with Serum Proteins and the Impact of the Degree of Reduction and Concentration. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 13367-13374.	4.0	106
27	Electrospun Poly(3-hydroxybutyrate-co-4-hydroxybutyrate)/Graphene Oxide Scaffold: Enhanced Properties and Promoted in Vivo Bone Repair in Rats. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 42589-42600.	4.0	99
28	Snail and Slug collaborate on EMT and tumor metastasis through miR-101-mediated EZH2 axis in oral tongue squamous cell carcinoma. <i>Oncotarget</i> , 2015, 6, 6794-6810.	0.8	99
29	Solution structure of the catalytic domain of GCN5 histone acetyltransferase bound to coenzyme A. <i>Nature</i> , 1999, 400, 86-89.	13.7	96
30	Self-Assembled Tetrahedral DNA Nanostructures Promote Neural Stem Cell Proliferation and Neuronal Differentiation. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 7892-7900.	4.0	94
31	Facilitating In Situ Tumor Imaging with a Tetrahedral DNA Framework-Enhanced Hybridization Chain Reaction Probe. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	93
32	Peroxisome Proliferator-Activated Receptor- β : Master Regulator of Adipogenesis and Obesity. <i>Current Stem Cell Research and Therapy</i> , 2016, 11, 282-289.	0.6	90
33	Adipose stem cells originate from perivascular cells. <i>Biology of the Cell</i> , 2011, 103, 435-447.	0.7	87
34	IGF-1 promotes angiogenesis in endothelial cells/adipose-derived stem cells co-culture system with activation of PI3K/Akt signal pathway. <i>Cell Proliferation</i> , 2017, 50, .	2.4	85
35	Tetrahedral DNA Nanostructure: A Potential Promoter for Cartilage Tissue Regeneration via Regulating Chondrocyte Phenotype and Proliferation. <i>Small</i> , 2017, 13, 1602770.	5.2	83
36	Tetrahedral Framework Nucleic Acids Deliver Antimicrobial Peptides with Improved Effects and Less Susceptibility to Bacterial Degradation. <i>Nano Letters</i> , 2020, 20, 3602-3610.	4.5	82

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37	Self-Assembled Tetrahedral DNA Nanostructures Promote Adipose-Derived Stem Cell Migration via lncRNA XLOC 010623 and RHOA/ROCK2 Signal Pathway. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 19353-19363.	4.0	80
38	Modulation of the Crosstalk between Schwann Cells and Macrophages for Nerve Regeneration: A Therapeutic Strategy Based on a Multifunctional Tetrahedral Framework Nucleic Acids System. <i>Advanced Materials</i> , 2022, 34, e2202513.	11.1	80
39	Chitosan hydrogel/3D-printed poly(ϵ -caprolactone) hybrid scaffold containing synovial mesenchymal stem cells for cartilage regeneration based on tetrahedral framework nucleic acid recruitment. <i>Biomaterials</i> , 2021, 278, 121131.	5.7	79
40	A Lysosome-Activated Tetrahedral Nanobox for Encapsulated siRNA Delivery. <i>Advanced Materials</i> , 2022, 34, e2201731.	11.1	79
41	Osteogenesis of Adipose-Derived Stem Cells. <i>Bone Research</i> , 2013, 1, 133-145.	5.4	77
42	DNA-Based Nanomedicine with Targeting and Enhancement of Therapeutic Efficacy of Breast Cancer Cells. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 15354-15365.	4.0	77
43	Tetrahedral framework nucleic acids-based delivery of microRNA-155 inhibits choroidal neovascularization by regulating the polarization of macrophages. <i>Bioactive Materials</i> , 2022, 14, 134-144.	8.6	77
44	Multilineage differentiation of adipose-derived stromal cells from GFP transgenic mice. <i>Molecular and Cellular Biochemistry</i> , 2006, 285, 69-78.	1.4	70
45	Bioswitchable Delivery of microRNA by Framework Nucleic Acids: Application to Bone Regeneration. <i>Small</i> , 2021, 17, e2104359.	5.2	70
46	DNA-based plasmonic nanostructures. <i>Materials Today</i> , 2015, 18, 326-335.	8.3	68
47	Nanomaterials for Craniofacial and Dental Tissue Engineering. <i>Journal of Dental Research</i> , 2017, 96, 725-732.	2.5	68
48	Crosstalk between adipose-derived stem cells and chondrocytes: when growth factors matter. <i>Bone Research</i> , 2016, 4, 15036.	5.4	67
49	Softening Substrates Promote Chondrocytes Phenotype via RhoA/ROCK Pathway. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 22884-22891.	4.0	67
50	Effect of matrix stiffness on osteoblast functionalization. <i>Cell Proliferation</i> , 2017, 50, .	2.4	67
51	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> , 2018, 14, 1227-1236.	1.7	67
52	Enhanced Efficacy of Temozolomide Loaded by a Tetrahedral Framework DNA Nanoparticle in the Therapy for Glioblastoma. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 39525-39533.	4.0	67
53	Tetrahedral DNA Nanostructure-Delivered DNAzyme for Gene Silencing to Suppress Cell Growth. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 6850-6857.	4.0	67
54	Effects of tetrahedral framework nucleic acid/wogonin complexes on osteoarthritis. <i>Bone Research</i> , 2020, 8, 6.	5.4	67

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55	A Framework Nucleic Acid Based Robotic Nanobee for Active Targeting Therapy. <i>Advanced Functional Materials</i> , 2021, 31, 2007342.	7.8	65
56	A DNA Nanostructure-Based Neuroprotectant against Neuronal Apoptosis <i>via</i> Inhibiting Toll-like Receptor 2 Signaling Pathway in Acute Ischemic Stroke. <i>ACS Nano</i> , 2022, 16, 1456-1470.	7.3	64
57	Prospects and challenges of dynamic DNA nanostructures in biomedical applications. <i>Bone Research</i> , 2022, 10, .	5.4	64
58	The protective effect of tetrahedral framework nucleic acids on periodontium under inflammatory conditions. <i>Bioactive Materials</i> , 2021, 6, 1676-1688.	8.6	63
59	Tetrahedral Framework Nucleic Acids Can Alleviate Taurocholate-Induced Severe Acute Pancreatitis and Its Subsequent Multiorgan Injury in Mice. <i>Nano Letters</i> , 2022, 22, 1759-1768.	4.5	63
60	Osteogenic differentiation of adipose-derived stem cells promoted by quercetin. <i>Cell Proliferation</i> , 2014, 47, 124-132.	2.4	62
61	Synthesis of an ethyleneimine/tetrahedral DNA nanostructure complex and its potential application as a multi-functional delivery vehicle. <i>Nanoscale</i> , 2017, 9, 18402-18412.	2.8	62
62	Effects of tetrahedral DNA nanostructures on autophagy in chondrocytes. <i>Chemical Communications</i> , 2018, 54, 1327-1330.	2.2	62
63	Anterior Cruciate Ligament Transection-Induced Cellular and Extracellular Events in Menisci: Implications for Osteoarthritis. <i>American Journal of Sports Medicine</i> , 2018, 46, 1185-1198.	1.9	61
64	Tetrahedral framework nucleic acids promote scarless healing of cutaneous wounds via the AKT-signaling pathway. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 120.	7.1	61
65	Bone marrow Derived Pluripotent Cells are Pericytes which Contribute to Vascularization. <i>Stem Cell Reviews and Reports</i> , 2009, 5, 437-445.	5.6	60
66	The <i>JAK</i> / <i>STAT</i> 3 signalling pathway regulated angiogenesis in an endothelial cell/adipose-derived stromal cell co-culture, 3D gel model. <i>Cell Proliferation</i> , 2017, 50, .	2.4	60
67	Osteogenic differentiation of adipose derived stem cells promoted by overexpression of osterix. <i>Molecular and Cellular Biochemistry</i> , 2007, 301, 83-92.	1.4	59
68	Bioengineered Periodontal Tissue Formed on Titanium Dental Implants. <i>Journal of Dental Research</i> , 2011, 90, 251-256.	2.5	59
69	Modulation of chondrocyte motility by tetrahedral <i>DNA</i> nanostructures. <i>Cell Proliferation</i> , 2017, 50, .	2.4	59
70	Vascularization in Craniofacial Bone Tissue Engineering. <i>Journal of Dental Research</i> , 2018, 97, 969-976.	2.5	58
71	Aptamer-targeted <i>DNA</i> nanostructures with doxorubicin to treat protein tyrosine kinase 7-positive tumours. <i>Cell Proliferation</i> , 2019, 52, e12511.	2.4	58
72	Pluripotency potential of human adipose-derived stem cells marked with exogenous green fluorescent protein. <i>Molecular and Cellular Biochemistry</i> , 2006, 291, 1-10.	1.4	57

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73	Repair of infected bone defect with Clindamycin-Tetrahedral DNA nanostructure Complex-loaded 3D bioprinted hybrid scaffold. <i>Chemical Engineering Journal</i> , 2022, 435, 134855.	6.6	57
74	Understanding the Biomedical Effects of the Self-Assembled Tetrahedral DNA Nanostructure on Living Cells. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 12733-12739.	4.0	56
75	Neuroprotective Effect of Tetrahedral DNA Nanostructures in a Cell Model of Alzheimer's Disease. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 23682-23692.	4.0	56
76	Tetrahedral framework nucleic acids prevent retina ischemia-reperfusion injury from oxidative stress <i>via</i> activating the Akt/Nrf2 pathway. <i>Nanoscale</i> , 2019, 11, 20667-20675.	2.8	56
77	Application of Modified Retromandibular Approach Indirectly From the Anterior Edge of the Parotid Gland in the Surgical Treatment of Condylar Fracture. <i>Journal of Oral and Maxillofacial Surgery</i> , 2009, 67, 552-558.	0.5	55
78	Enhanced biostability of nanoparticle-based drug delivery systems by albumin corona. <i>Nanomedicine</i> , 2015, 10, 205-214.	1.7	55
79	Effect of tetrahedral DNA nanostructures on osteogenic differentiation of mesenchymal stem cells via activation of the Wnt/ β 2-catenin signaling pathway. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1809-1819.	1.7	55
80	Regulating osteogenesis and adipogenesis in adipose-derived stem cells by controlling underlying substrate stiffness. <i>Journal of Cellular Physiology</i> , 2018, 233, 3418-3428.	2.0	55
81	Combination of bone tissue engineering and BMP-2 gene transfection promotes bone healing in osteoporotic rats. <i>Cell Biology International</i> , 2008, 32, 1150-1157.	1.4	54
82	Mechanical stretch inhibits adipogenesis and stimulates osteogenesis of adipose stem cells. <i>Cell Proliferation</i> , 2012, 45, 158-166.	2.4	52
83	Angiogenesis in a 3D model containing adipose tissue stem cells and endothelial cells is mediated by canonical Wnt signaling. <i>Bone Research</i> , 2017, 5, 17048.	5.4	52
84	Tetrahedral DNA nanostructures facilitate neural stem cell migration <i>via</i> activating RHOA/ROCK2 signalling pathway. <i>Cell Proliferation</i> , 2018, 51, e12503.	2.4	52
85	Tetrahedral Framework Nucleic Acids Loaded with Aptamer AS1411 for siRNA Delivery and Gene Silencing in Malignant Melanoma. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 6109-6118.	4.0	52
86	Tetrahedral Framework Nucleic Acids Promote Corneal Epithelial Wound Healing in Vitro and in Vivo. <i>Small</i> , 2019, 15, e1901907.	5.2	51
87	Tetrahedral framework nucleic acids act as antioxidants in acute kidney injury treatment. <i>Chemical Engineering Journal</i> , 2021, 413, 127426.	6.6	51
88	Ectopic osteogenesis and chondrogenesis of bone marrow stromal stem cells in alginate system. <i>Cell Biology International</i> , 2007, 31, 776-783.	1.4	50
89	β -secretase inhibitor induces adipogenesis of adipose-derived stem cells by regulation of Notch and PPAR β . <i>Cell Proliferation</i> , 2010, 43, 147-156.	2.4	50
90	Total magnetic resonance imaging burden of cerebral small vessel disease is associated with post-stroke depression in patients with acute lacunar stroke. <i>European Journal of Neurology</i> , 2017, 24, 374-380.	1.7	50

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91	Electrospun Fibers for Dental and Craniofacial Applications. <i>Current Stem Cell Research and Therapy</i> , 2014, 9, 187-195.	0.6	50
92	Individual Design and Rapid Prototyping in Reconstruction of Orbital Wall Defects. <i>Journal of Oral and Maxillofacial Surgery</i> , 2010, 68, 562-570.	0.5	49
93	Erythromycin loaded by tetrahedral framework nucleic acids are more antimicrobial sensitive against <i>Escherichia coli</i> (E. coli). <i>Bioactive Materials</i> , 2021, 6, 2281-2290.	8.6	49
94	Polymeric Nanoparticles for a Drug Delivery System. <i>Current Drug Metabolism</i> , 2013, 14, 840-846.	0.7	49
95	Fabrication of Calcium Phosphate Microflowers and Their Extended Application in Bone Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 30437-30447.	4.0	48
96	Substrate stiffness regulated migration and angiogenesis potential of A549 cells and HUVECs. <i>Journal of Cellular Physiology</i> , 2018, 233, 3407-3417.	2.0	48
97	Nucleic acids and analogs for bone regeneration. <i>Bone Research</i> , 2018, 6, 37.	5.4	48
98	Tetrahedral DNA Nanostructure Promotes Endothelial Cell Proliferation, Migration, and Angiogenesis via Notch Signaling Pathway. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 37911-37918.	4.0	48
99	Engineering DNA-templated Nanozyme Interfaces for Rapid Detection of Dental Bacteria. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 30640-30647.	4.0	48
100	Injectable and thermosensitive TGF- β 1-loaded PCEC hydrogel system for in vivo cartilage repair. <i>Scientific Reports</i> , 2017, 7, 10553.	1.6	47
101	Effects of Micro-environmental pH of Liposome on Chemical Stability of Loaded Drug. <i>Nanoscale Research Letters</i> , 2017, 12, 504.	3.1	47
102	The Endothelial-Mesenchymal Transition (EndMT) and Tissue Regeneration. <i>Current Stem Cell Research and Therapy</i> , 2014, 9, 196-204.	0.6	47
103	Therapeutic siCCR2 Loaded by Tetrahedral Framework DNA Nanorobotics in Therapy for Intracranial Hemorrhage. <i>Advanced Functional Materials</i> , 2021, 31, 2101435.	7.8	46
104	Bone regeneration by BMP-2 enhanced adipose stem cells loading on alginate gel. <i>Histochemistry and Cell Biology</i> , 2008, 129, 203-210.	0.8	45
105	Orbital floor reconstruction: a retrospective study of 21 cases. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2008, 106, 324-330.	1.6	45
106	Dentin Sialophosphoprotein-Promoted Mineralization and Expression of Odontogenic Genes in Adipose-Derived Stromal Cells. <i>Cells Tissues Organs</i> , 2008, 187, 103-112.	1.3	45
107	Enhanced Neural Regeneration with a Concomitant Treatment of Framework Nucleic Acid and Stem Cells in Spinal Cord Injury. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 2095-2106.	4.0	45
108	Antiepileptic Effects of Tetrahedral Framework Nucleic Acid via Inhibition of Gliosis-Induced Downregulation of Glutamine Synthetase and Increased AMPAR Internalization in the Postsynaptic Membrane. <i>Nano Letters</i> , 2022, 22, 2381-2390.	4.5	45

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109	Basic research Cyclic tensile stretch modulates osteogenic differentiation of adipose-derived stem cells via the BMP-2 pathway. Archives of Medical Science, 2010, 2, 152-159.	0.4	44
110	<scp>PCL</scp>â€‹<scp>PEG</scp>â€‹<scp>PCL</scp> film promotes cartilage regeneration in vivo. Cell Proliferation, 2016, 49, 729-739.	2.4	44
111	KDM6A promotes chondrogenic differentiation of periodontal ligament stem cells by demethylation of SOX9. Cell Proliferation, 2018, 51, e12413.	2.4	44
112	Targeted and effective glioblastoma therapy via aptamer-modified tetrahedral framework nucleic acid-paclitaxel nanoconjugates that can pass the blood brain barrier. Nanomedicine: Nanotechnology, Biology, and Medicine, 2019, 21, 102061.	1.7	44
113	Tetrahedral Framework Nucleic Acid-Based Delivery of Resveratrol Alleviates Insulin Resistance: From Innate to Adaptive Immunity. Nano-Micro Letters, 2021, 13, 86.	14.4	44
114	Odontogenic Potential of Bone Marrow Mesenchymal Stem Cells. Journal of Oral and Maxillofacial Surgery, 2007, 65, 494-500.	0.5	43
115	Ectopic adipogenesis of preconditioned adipose-derived stromal cells in an alginate system. Cell and Tissue Research, 2007, 330, 567-572.	1.5	43
116	Effects of low oxygen tension on gene profile of soluble growth factors in coâ€‹cultured adiposeâ€‹derived stromal cells and chondrocytes. Cell Proliferation, 2016, 49, 341-351.	2.4	43
117	Tetrahedral Framework Nucleic Acid Promotes the Treatment of Bisphosphonate-Related Osteonecrosis of the Jaws by Promoting Angiogenesis and M2 Polarization. ACS Applied Materials & Interfaces, 2020, 12, 44508-44522.	4.0	42
118	Treatment of Alzheimer's disease with framework nucleic acids. Cell Proliferation, 2020, 53, e12787.	2.4	42
119	Identification of osteoâ€‹adipo progenitor cells in fat tissue. Cell Proliferation, 2008, 41, 803-812.	2.4	41
120	Serum regulates adipogenesis of mesenchymal stem cells <i>via</i> MEK/ERKâ€‹dependent PPARÎ³ expression and phosphorylation. Journal of Cellular and Molecular Medicine, 2010, 14, 922-932.	1.6	41
121	Notch signalling pathway in tooth development and adult dental cells. Cell Proliferation, 2011, 44, 495-507.	2.4	41
122	Multi-targeted Antisense Oligonucleotide Delivery by a Framework Nucleic Acid for Inhibiting Biofilm Formation and Virulence. Nano-Micro Letters, 2020, 12, 74.	14.4	41
123	Tetrahedral Framework Nucleic Acids Induce Immune Tolerance and Prevent the Onset of Type 1 Diabetes. Nano Letters, 2021, 21, 4437-4446.	4.5	41
124	Ectopic and in situ bone formation of adipose tissue-derived stromal cells in biphasic calcium phosphate nanocomposite. Journal of Biomedical Materials Research - Part A, 2007, 81A, 900-910.	2.1	40
125	Curved microstructures promote osteogenesis of mesenchymal stem cells via the RhoA<scp>ROCK</scp> pathway. Cell Proliferation, 2017, 50, .	2.4	40
126	Cognitive Behavioral Therapy for Orthodontic Pain Control. Journal of Dental Research, 2012, 91, 580-585.	2.5	39

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127	DNA methylation is critical for tooth agenesis: implications for sporadic non-syndromic anodontia and hypodontia. <i>Scientific Reports</i> , 2016, 6, 19162.	1.6	39
128	Enhanced Penetrability of a Tetrahedral Framework Nucleic Acid by Modification with iRGD for DOX-Targeted Delivery to Triple-Negative Breast Cancer. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 25825-25835.	4.0	39
129	Neuroprotective and Neurotherapeutic Effects of Tetrahedral Framework Nucleic Acids on Parkinson's Disease <i>in Vitro</i> . <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 32787-32797.	4.0	38
130	Tetrahedral Framework Nucleic Acid Inhibits Chondrocyte Apoptosis and Oxidative Stress through Activation of Autophagy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 56782-56791.	4.0	38
131	Long-Term Survival of Hamster Hearts in Presensitized Rats. <i>Journal of Immunology</i> , 2000, 164, 4883-4892.	0.4	37
132	Tetrahedral DNA Nanomaterial Regulates the Biological Behaviors of Adipose-Derived Stem Cells via DNA Methylation on Dlg3. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 32017-32025.	4.0	37
133	The Clearance Effect of Tetrahedral DNA Nanostructures on Senescent Human Dermal Fibroblasts. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 1942-1950.	4.0	37
134	Treating LRRK2-Related Parkinson's Disease by Inhibiting the mTOR Signaling Pathway to Restore Autophagy. <i>Advanced Functional Materials</i> , 2021, 31, 2105152.	7.8	37
135	Efficient side-chain and backbone assignment in large proteins: application to tGCN5. <i>Journal of Biomolecular NMR</i> , 1999, 15, 227-239.	1.6	36
136	Osteogenic Induction of Adipose-Derived Stromal Cells: Not a Requirement for Bone Formation In Vivo. <i>Artificial Organs</i> , 2010, 34, 46-54.	1.0	36
137	The Neuroprotective Effect of MicroRNA-22 Modified Tetrahedral Framework Nucleic Acids on Damaged Retinal Neurons Via TrkB/BDNF Signaling Pathway. <i>Advanced Functional Materials</i> , 2021, 31, 2104141.	7.8	36
138	Jagged1-mediated activation of notch signalling induces adipogenesis of adipose-derived stem cells. <i>Cell Proliferation</i> , 2012, 45, 538-544.	2.4	35
139	PEGylated Protamine-Based Adsorbing Improves the Biological Properties and Stability of Tetrahedral Framework Nucleic Acids. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 27588-27597.	4.0	35
140	Multilineage Differentiation of Dental Pulp Stem Cells from Green Fluorescent Protein Transgenic Mice. <i>International Journal of Oral Science</i> , 2010, 2, 21-27.	3.6	34
141	Effects of bone morphogenetic protein 2 gene therapy on new bone formation during mandibular distraction osteogenesis at rapid rate in rabbits. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2011, 112, 50-57.	1.6	33
142	Absorption, Pharmacokinetics and Disposition Properties of Solid Lipid Nanoparticles (SLNs). <i>Current Drug Metabolism</i> , 2012, 13, 447-456.	0.7	33
143	Progress in Biomedical Applications of Tetrahedral Framework Nucleic Acid-Based Functional Systems. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 47115-47126.	4.0	33
144	Treatment effect of DNA framework nucleic acids on diffuse microvascular endothelial cell injury after subarachnoid hemorrhage. <i>Cell Proliferation</i> , 2022, 55, e13206.	2.4	33

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145	Toxicity of Biodegradable Nanoscale Preparations. <i>Current Drug Metabolism</i> , 2012, 13, 440-446.	0.7	32
146	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> , 2015, 11, 105-116.	0.5	32
147	Proliferation and pluripotency potential of ectomesenchymal cells derived from first branchial arch. <i>Cell Proliferation</i> , 2006, 39, 79-92.	2.4	31
148	Sequence analysis of PAX9, MSX1 and AXIN2 genes in a Chinese oligodontia family. <i>Archives of Oral Biology</i> , 2011, 56, 1027-1034.	0.8	31
149	Nanocomplex Based on Biocompatible Phospholipids and Albumin for Long-Circulation Applications. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 13730-13737.	4.0	31
150	Explant Culture: An Efficient Method to Isolate Adipose-Derived Stromal Cells for Tissue Engineering. <i>Artificial Organs</i> , 2011, 35, 105-112.	1.0	30
151	Tetrahedral Framework Nucleic Acids Ameliorate Insulin Resistance in Type 2 Diabetes Mellitus via the PI3K/Akt Pathway. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 40354-40364.	4.0	30
152	Substrate stiffness regulates arterial-venous differentiation of endothelial progenitor cells via the Ras/Mek pathway. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 1799-1808.	1.9	29
153	Blood exposure to graphene oxide may cause anaphylactic death in non-human primates. <i>Nano Today</i> , 2020, 35, 100922.	6.2	29
154	Structural Basis for the Functional Switch of the E. coli Ada Protein. <i>Biochemistry</i> , 2001, 40, 4261-4271.	1.2	28
155	DAPT Enhances the Apoptosis of Human Tongue Carcinoma Cells. <i>International Journal of Oral Science</i> , 2009, 1, 81-89.	3.6	28
156	Adipogenic differentiation potential of adipose-derived mesenchymal stem cells from ovariectomized mice. <i>Cell Proliferation</i> , 2014, 47, 604-614.	2.4	27
157	Associations between proteasomal activator PA28 ^β and outcome of oral squamous cell carcinoma: Evidence from cohort studies and functional analyses. <i>EBioMedicine</i> , 2015, 2, 851-858.	2.7	27
158	Tea Polyphenol-Functionalized Graphene/Chitosan as an Experimental Platform with Improved Mechanical Behavior and Bioactivity. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 20893-20901.	4.0	27
159	Notch Signaling Pathway Regulates Angiogenesis via Endothelial Cell in 3D Co-Culture Model. <i>Journal of Cellular Physiology</i> , 2017, 232, 1548-1558.	2.0	27
160	Tetrahedral Framework Nucleic Acids Loading Ampicillin Improve the Drug Susceptibility against Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 36957-36966.	4.0	27
161	Smad signal pathway regulates angiogenesis via endothelial cell in an adipose-derived stromal cell/endothelial cell co-culture, 3D gel model. <i>Molecular and Cellular Biochemistry</i> , 2016, 412, 281-288.	1.4	26
162	PHBV and predifferentiated human adipose-derived stem cells for cartilage tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 94A, 603-610.	2.1	25

#	ARTICLE	IF	CITATIONS
163	Uniaxial cyclic tensile stretch inhibits osteogenic and odontogenic differentiation of human dental pulp stem cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2011, 5, 347-353.	1.3	25
164	Lysophosphatidic acid mediates fibrosis in injured joints by regulating collagen type I biosynthesis. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 308-318.	0.6	25
165	Cyclic mechanical stress modulates neurotrophic and myelinating gene expression of Schwann cells. <i>Cell Proliferation</i> , 2015, 48, 59-66.	2.4	25
166	Biological Effect of Differently Sized Tetrahedral Framework Nucleic Acids: Endocytosis, Proliferation, Migration, and Biodistribution. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 57067-57074.	4.0	25
167	Expression of exogenous or endogenous green fluorescent protein in adipose tissue-derived stromal cells during chondrogenic differentiation. <i>Molecular and Cellular Biochemistry</i> , 2005, 277, 181-190.	1.4	24
168	Association Analysis between the IRF6 G820A Polymorphism and Nonsyndromic Cleft Lip and/or Cleft Palate in a Chinese Population. <i>Cleft Palate-Craniofacial Journal</i> , 2009, 46, 89-92.	0.5	24
169	Human Papillomavirus Type-Specific Prevalence in Women with Cervical Intraepithelial Neoplasm in Western China. <i>Journal of Clinical Microbiology</i> , 2012, 50, 1079-1081.	1.8	24
170	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> , 2014, 47, 258-266.	2.4	24
171	Chondrocytes Cocultured with Stromal Vascular Fraction of Adipose Tissue Present More Intense Chondrogenic Characteristics Than with Adipose Stem Cells. <i>Tissue Engineering - Part A</i> , 2016, 22, 336-348.	1.6	24
172	Tetrahedral Framework Nucleic Acids Inhibit Skin Fibrosis via the Pyroptosis Pathway. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 15069-15079.	4.0	24
173	Comparison of Effects of Mechanical Stretching on Osteogenic Potential of ASCs and BMSCs. <i>Bone Research</i> , 2013, 1, 282-290.	5.4	23
174	Hypoxia enhances angiogenesis in an adipose-derived stromal cell/endothelial cell co-culture 3D gel model. <i>Cell Proliferation</i> , 2016, 49, 236-245.	2.4	23
175	Intestinal epithelium-derived BATF3 promotes colitis-associated colon cancer through facilitating CXCL5-mediated neutrophils recruitment. <i>Mucosal Immunology</i> , 2021, 14, 187-198.	2.7	23
176	The Toxicity and Pharmacokinetics of Carbon Nanotubes as an Effective Drug Carrier. <i>Current Drug Metabolism</i> , 2013, 14, 879-890.	0.7	23
177	Cysteine dioxygenase type 1 promotes adipogenesis via interaction with peroxisome proliferator-activated receptor gamma. <i>Biochemical and Biophysical Research Communications</i> , 2015, 458, 123-127.	1.0	22
178	Low-intensity pulsed ultrasound upregulates pro-myelination indicators of Schwann cells enhanced by co-culture with adipose-derived stem cells. <i>Cell Proliferation</i> , 2016, 49, 720-728.	2.4	22
179	Polypeptide uploaded efficient nanophotosensitizers to overcome photodynamic resistance for enhanced anticancer therapy. <i>Chemical Engineering Journal</i> , 2021, 403, 126344.	6.6	22
180	Kappa opioid receptor signaling protects cartilage tissue against posttraumatic degeneration. <i>JCI Insight</i> , 2017, 2, e88553.	2.3	22

#	ARTICLE	IF	CITATIONS
181	Toxicity of Carbon Nanotubes. <i>Current Drug Metabolism</i> , 2013, 14, 891-899.	0.7	22
182	C-Jun N-Terminal Kinase (JNK) Mediates Wnt5a-Induced Cell Motility Dependent or Independent of RhoA Pathway in Human Dental Papilla Cells. <i>PLoS ONE</i> , 2013, 8, e69440.	1.1	21
183	Angiogenic Aptamer-Modified Tetrahedral Framework Nucleic Acid Promotes Angiogenesis In Vitro and In Vivo. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 29439-29449.	4.0	21
184	miR-26a tetrahedral framework nucleic acids mediated osteogenesis of adipose-derived mesenchymal stem cells. <i>Cell Proliferation</i> , 2022, 55, .	2.4	21
185	Odontogenic differentiation of adipose-derived stem cells for tooth regeneration: necessity, possibility, and strategy. <i>Medical Hypotheses</i> , 2008, 70, 540-542.	0.8	20
186	Secreted factors from adipose tissue increase adipogenic differentiation of mesenchymal stem cells. <i>Cell Proliferation</i> , 2012, 45, 311-319.	2.4	20
187	Mechanical compressive force inhibits adipogenesis of adipose stem cells. <i>Cell Proliferation</i> , 2013, 46, 586-594.	2.4	20
188	Low-intensity pulsed ultrasound induced enhanced adipogenesis of adipose-derived stem cells. <i>Cell Proliferation</i> , 2013, 46, 312-319.	2.4	20
189	Electrospun P34HB fibres: a scaffold for tissue engineering. <i>Cell Proliferation</i> , 2014, 47, 465-475.	2.4	20
190	Rejection of cardiac xenografts by CD4+ or CD8+ T cells. <i>Journal of Immunology</i> , 1999, 162, 1206-14.	0.4	20
191	Characterization of Ectomesenchymal Cells Isolated from the First Branchial Arch during Multilineage Differentiation. <i>Cells Tissues Organs</i> , 2006, 183, 123-132.	1.3	19
192	Pharmacokinetics and Disposition of Nanomedicine Using Biodegradable PEG/PCL Polymers as Drug Carriers. <i>Current Drug Metabolism</i> , 2012, 13, 338-353.	0.7	19
193	WNT6 Promotes the Migration and Differentiation of Human Dental Pulp Cells Partly through c-Jun N-terminal Kinase Signaling Pathway. <i>Journal of Endodontics</i> , 2014, 40, 943-948.	1.4	19
194	Bio-electrospraying is a safe technology for delivering human adipose-derived stem cells. <i>Biotechnology Letters</i> , 2015, 37, 449-456.	1.1	19
195	EpsR Negatively Regulates <i>Streptococcus mutans</i> Exopolysaccharide Synthesis. <i>Journal of Dental Research</i> , 2021, 100, 002203452110006.	2.5	19
196	Tetrahedral framework nucleic acid carrying angiogenic peptide prevents bisphosphonate-related osteonecrosis of the jaw by promoting angiogenesis. <i>International Journal of Oral Science</i> , 2022, 14, 23.	3.6	19
197	Novel IRF6 Mutations in Chinese Patients with Van der Woude Syndrome. <i>Journal of Dental Research</i> , 2006, 85, 937-940.	2.5	18
198	Adipogenic and osteogenic differentiation of Lin ⁺ CD271+Sca-1+ adipose-derived stem cells. <i>Molecular and Cellular Biochemistry</i> , 2013, 377, 107-119.	1.4	18

#	ARTICLE	IF	CITATIONS
199	Overexpression of proteasomal activator PA28 $\hat{\pm}$ serves as a prognostic factor in oral squamous cell carcinoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2016, 35, 35.	3.5	18
200	Effects of $\hat{\beta}$ -secretase inhibition on the proliferation and vitamin D3 induced osteogenesis in adipose derived stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2010, 392, 442-447.	1.0	17
201	Adventitial Cells and Pericytes Support Chondrogenesis Through Different Mechanisms in 3-Dimensional Cultures With or Without Nanoscaffolds. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 1799-1807.	0.5	17
202	Gene profile of soluble growth factors involved in angiogenesis, in an adipose $\hat{\text{a}}$ derived stromal cell/endothelial cell co $\hat{\text{a}}$ culture, 3D gel model. <i>Cell Proliferation</i> , 2015, 48, 405-412.	2.4	17
203	Physiological oxygen tension modulates soluble growth factor profile after crosstalk between chondrocytes and osteoblasts. <i>Cell Proliferation</i> , 2016, 49, 122-133.	2.4	17
204	Chronic Kidney Disease Impairs Bone Defect Healing in Rats. <i>Scientific Reports</i> , 2016, 6, 23041.	1.6	17
205	Biomaterial and Mesenchymal Stem Cell for Articular Cartilage Reconstruction. <i>Current Stem Cell Research and Therapy</i> , 2014, 9, 254-267.	0.6	17
206	Expression of Pcp4 gene during osteogenic differentiation of bone marrow mesenchymal stem cells in $\hat{\text{v}}$ itro. <i>Molecular and Cellular Biochemistry</i> , 2008, 309, 143-150.	1.4	16
207	New bone formation enhanced by ADSCs overexpressing hRunx2 during mandibular distraction osteogenesis in osteoporotic rabbits. <i>Journal of Orthopaedic Research</i> , 2014, 32, 709-720.	1.2	16
208	<i>MMP$\hat{\text{2}}$</i> and Notch signal pathway regulate migration of adipose $\hat{\text{a}}$ derived stem cells and chondrocytes in co $\hat{\text{a}}$ culture systems. <i>Cell Proliferation</i> , 2017, 50, .	2.4	16
209	Research Progress of the Types and Preparation Techniques of Scaffold Materials in Cartilage Tissue Engineering. <i>Current Stem Cell Research and Therapy</i> , 2018, 13, 583-590.	0.6	16
210	Tetrahedral framework nucleic acids promote the biological functions and related mechanism of synovium-derived mesenchymal stem cells and show improved articular cartilage regeneration activity in situ. <i>Bioactive Materials</i> , 2022, 9, 411-427.	8.6	16
211	Insecticidal Activity and Histopathological Effects of Vip3Aa Protein from <i>Bacillus thuringiensis</i> on <i>Spodoptera litura</i> . <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 1774-1780.	0.9	16
212	Effect of tetrahedral DNA nanostructures on LPS $\hat{\text{a}}$ induced neuroinflammation in mice. <i>Chinese Chemical Letters</i> , 2022, 33, 1901-1906.	4.8	16
213	Hyaluronan-directed fabrication of co-doped hydroxyapatite as a dual-modal probe for tumor-specific bioimaging. <i>Journal of Materials Chemistry B</i> , 2020, 8, 2107-2114.	2.9	15
214	Aptamer-guided DNA tetrahedrons as a photo-responsive drug delivery system for Mucin 1-expressing breast cancer cells. <i>Applied Materials Today</i> , 2021, 23, 101010.	2.3	15
215	Tetrahedral-Framework Nucleic Acids Carry Small Interfering RNA to Downregulate Toll-Like Receptor 2 Gene Expression for the Treatment of Sepsis. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 6442-6452.	4.0	15
216	Sequential surgical treatment for panfacial fractures and significance of biological osteosynthesis. <i>Dental Traumatology</i> , 2009, 25, 171-175.	0.8	14

#	ARTICLE	IF	CITATIONS
217	Effects of bone morphogenetic protein-4 (BMP-4) on adipocyte differentiation from mouse adipose-derived stem cells. <i>Cell Proliferation</i> , 2013, 46, 416-424.	2.4	14
218	TGF- β 2 signalling pathway regulates angiogenesis by endothelial cells, in an adipose-derived stromal cell/endothelial cell co-culture 3D gel model. <i>Cell Proliferation</i> , 2015, 48, 729-737.	2.4	13
219	P34HB film promotes cell adhesion, in vitro proliferation, and in vivo cartilage repair. <i>RSC Advances</i> , 2015, 5, 21572-21579.	1.7	13
220	Diversity of DNA Nanostructures and Applications in Oncotherapy. <i>Biotechnology Journal</i> , 2020, 15, e1900094.	1.8	13
221	Tetrahedral Framework Nucleic Acids Reestablish Immune Tolerance and Restore Saliva Secretion in a Sjögren's Syndrome Mouse Model. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 42543-42553.	4.0	13
222	Non-viral vector mediated CKb11 with folic acid modification regulates macrophage polarization and DC maturation to elicit immune response against cancer. <i>Bioactive Materials</i> , 2021, 6, 3678-3691.	8.6	13
223	Tetrahedral framework nucleic acids facilitate neurorestoration of facial nerves by activating the NGF/PI3K/AKT pathway. <i>Nanoscale</i> , 2021, 13, 15598-15610.	2.8	13
224	Review of and Perspectives on the Toxicology of Graphene-based Materials. <i>Current Drug Metabolism</i> , 2013, 14, 863-871.	0.7	12
225	Enhancing engineered vascular networks in vitro and in vivo: The effects of IGF-1 on vascular development and durability. <i>Cell Proliferation</i> , 2018, 51, .	2.4	12
226	Preventive effect of tetrahedral framework nucleic acids on bisphosphonate-related osteonecrosis of the jaw. <i>Nanoscale</i> , 2020, 12, 17196-17202.	2.8	12
227	Perspectives on the Toxicology of Cadmium-based Quantum Dots. <i>Current Drug Metabolism</i> , 2013, 14, 847-856.	0.7	12
228	Therapeutic Effects of Self-Assembled Tetrahedral Framework Nucleic Acids on Liver Regeneration in Acute Liver Failure. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 13136-13146.	4.0	12
229	The Osteogenic Response of Undifferentiated Human Adipose-Derived Stem Cells under Mechanical Stimulation. <i>Cells Tissues Organs</i> , 2012, 196, 313-324.	1.3	11
230	Characterization of α -smooth muscle actin positive cells during multilineage differentiation of dental pulp stem cells. <i>Cell Proliferation</i> , 2012, 45, 259-265.	2.4	11
231	Synthesis and Antitumor Application of Antiangiogenic Gold Nanoclusters. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 11708-11720.	4.0	11
232	The remyelination effect of DNA framework nucleic acids on demyelinating diseases. <i>Applied Materials Today</i> , 2021, 24, 101098.	2.3	10
233	Miscellaneous Animal Models Accelerate the Application of Mesenchymal Stem Cells for Cartilage Regeneration. <i>Current Stem Cell Research and Therapy</i> , 2014, 9, 223-233.	0.6	10
234	Tetrahedral Framework Nucleic Acids Connected with MicroRNA-126 Mimics for Applications in Vascular Inflammation, Remodeling, and Homeostasis. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 19091-19103.	4.0	10

#	ARTICLE	IF	CITATIONS
235	Recent progress in antitumor functions of the intracellular antibodies. Drug Discovery Today, 2020, 25, 1109-1120.	3.2	9
236	Tetraploid complementation proves pluripotency of induced pluripotent stem cells derived from adipose tissue. Cell Proliferation, 2015, 48, 39-46.	2.4	8
237	The immune regulatory effects of tetrahedral framework nucleic acid on human T cells via the mitogen-activated protein kinase pathway. Cell Proliferation, 2021, 54, e13084.	2.4	8
238	Application of Nanomaterials in Neurodegenerative Diseases. Current Stem Cell Research and Therapy, 2021, 16, 83-94.	0.6	8
239	DNA Nanorobot Delivers Antisense Oligonucleotides Silencing c-Met Gene Expression for Cancer Therapy. Journal of Biomedical Nanotechnology, 2019, 15, 1948-1959.	0.5	8
240	Applications of tetrahedral DNA nanostructures in wound repair and tissue regeneration. Burns and Trauma, 2022, 10, ttrac006.	2.3	8
241	Outcome of Postsurgical Sequential Functional Exercise of Jaw Fracture. Journal of Craniofacial Surgery, 2009, 20, 46-48.	0.3	7
242	<sc>BMP</sc>4 promotes vascularization of human adipose stromal cells and endothelial cells <i>in vitro</i> and <i>in vivo</i>. Cell Proliferation, 2013, 46, 695-704.	2.4	7
243	Apoptotic Effects of Diosgeninlactoside on Oral Squamous Carcinoma Cells <i>in Vitro</i> and <i>in Vivo</i>. Biological and Pharmaceutical Bulletin, 2014, 37, 1450-1459.	0.6	7
244	Adenoviral vector-mediated overexpression of osteoprotegerin accelerates osteointegration of titanium implants in ovariectomized rats. Gene Therapy, 2015, 22, 636-644.	2.3	7
245	Nucleic acid based tetrahedral framework DNA nanostructures for fibrotic diseases therapy. Applied Materials Today, 2020, 20, 100725.	2.3	7
246	Effects of the tetrahedral framework nucleic acids on the skeletal muscle regeneration <i>in vitro</i> and <i>in vivo</i>. Materials Chemistry Frontiers, 2020, 4, 2731-2743.	3.2	7
247	Potential Replication of Induced Pluripotent Stem Cells for Craniofacial Reconstruction. Current Stem Cell Research and Therapy, 2014, 9, 205-214.	0.6	7
248	Regulation of Extracellular Matrix Remodeling Proteins by Osteoblasts in Titanium Nanoparticle-Induced Aseptic Loosening Model. Journal of Biomedical Nanotechnology, 2015, 11, 1826-1835.	0.5	6
249	Fabrication of Electrospun 3D Nanofibrous Poly(3-Hydroxybutyrate-Co-4-Hydroxybutyrate)/Graphene Scaffolds for Potential Bone Tissue Engineering: Effects of Graphene on Scaffold Properties and Cellular Behaviors. Journal of Biomedical Nanotechnology, 2017, 13, 822-834.	0.5	6
250	Green and High-Efficiency Reduction of Graphene Oxide for Highly Loading Drug to Enhance Cancer Therapy. Journal of Biomedical Nanotechnology, 2017, 13, 1210-1220.	0.5	6
251	Applications of Computer-Aided Design/Manufacturing Technology in Treatment of Hemifacial Microsomia. Journal of Craniofacial Surgery, 2020, 31, 1133-1136.	0.3	6
252	Broadening the biocompatibility of gold nanorods from rat to Macaca fascicularis: advancing clinical potential. Journal of Nanobiotechnology, 2021, 19, 195.	4.2	6

#	ARTICLE	IF	CITATIONS
253	The Application of Nucleic Acids and Nucleic Acid Materials in Antimicrobial Research. <i>Current Stem Cell Research and Therapy</i> , 2021, 16, 66-73.	0.6	6
254	Development Course and an Application Strategy for Induced Pluripotent Stem Cells in Regenerative Medicine. <i>Current Stem Cell Research and Therapy</i> , 2014, 9, 244-253.	0.6	6
255	Application of Programmable Tetrahedral Framework Nucleic Acid-Based Nanomaterials in Neurological Disorders: Progress and Prospects. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 782237.	2.0	6
256	Positive Neuroplastic Effect of DNA Framework Nucleic Acids on Neuropsychiatric Diseases. , 2022, 4, 665-674.		6
257	Tetrahedral Framework Nucleic Acids Reverse New-Onset Type 1 Diabetes. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 50802-50811.	4.0	5
258	Rejection of hamster cardiac xenografts by rat CD4+ or CD8+ T cells. <i>Transplantation Proceedings</i> , 1999, 31, 959-960.	0.3	4
259	Absorption, Pharmacokinetics and Disposition of Biodegradable Nanoscale Preparations. <i>Current Drug Metabolism</i> , 2012, 13, 429-439.	0.7	4
260	Corneal Healing: Tetrahedral Framework Nucleic Acids Promote Corneal Epithelial Wound Healing in Vitro and in Vivo (Small 31/2019). <i>Small</i> , 2019, 15, 1970162.	5.2	4
261	Ribociclib Inhibits P-gp-Mediated Multidrug Resistance in Human Epidermoid Carcinoma Cells. <i>Frontiers in Pharmacology</i> , 2022, 13, 867128.	1.6	4
262	Biological regulation on synovial fibroblast and the treatment of rheumatoid arthritis by nobiletin-loaded tetrahedral framework nucleic acids cargo tank. <i>Chinese Chemical Letters</i> , 2023, 34, 107549.	4.8	4
263	Morphologically Controlled Synthesis of Hydroxyapatite and Its Bioactivity on Osteoblast Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 6978-6985.	0.9	3
264	Stem Cells and Cartilage Tissue Engineering. <i>Current Stem Cell Research and Therapy</i> , 2018, 13, 489-489.	0.6	3
265	Enhancement of Physicochemical Properties and Biocompatibility of Shape Memory Polymers by the Addition of Graphene Oxide. <i>Journal of Biomedical Nanotechnology</i> , 2017, 13, 678-687.	0.5	3
266	Pharmacokinetics and Applications of Magnetic Nanoparticles. <i>Current Drug Metabolism</i> , 2013, 14, 872-878.	0.7	3
267	Pharmacokinetics of CNT-based Drug Delivery Systems. <i>Current Drug Metabolism</i> , 2013, 14, 910-920.	0.7	3
268	Cell adhesive ability of a biological foam ceramic with surface modification. <i>Applied Surface Science</i> , 2008, 255, 409-411.	3.1	2
269	Editorial [Hot Topic: Absorption, Pharmacokinetics and Disposition of Biodegradable Nanoscale Preparations (Guest Editors: ZhiYong Qian and YunFeng Lin)]. <i>Current Drug Metabolism</i> , 2012, 13, 337-337.	0.7	2
270	DNA Nanostructures: Tetrahedral DNA Nanostructure: A Potential Promoter for Cartilage Tissue Regeneration via Regulating Chondrocyte Phenotype and Proliferation (Small 12/2017). <i>Small</i> , 2017, 13, .	5.2	2

#	ARTICLE	IF	CITATIONS
271	Tetrahedral framework nucleic acids as an advanced drug delivery system for oligonucleotide drugs. <i>APL Materials</i> , 2020, 8, .	2.2	2
272	Application of Scaffold Materials in Cartilage Tissue Engineering. <i>Pancreatic Islet Biology</i> , 2017, , 21-39.	0.1	2
273	TU-F-CAMPUS-T-04: Using Gold Nanoparticles to Target Mitochondria in Radiation Therapy. <i>Medical Physics</i> , 2015, 42, 3644-3644.	1.6	2
274	Injectable enzymatically cross linkable hydrogels: A minimally invasive cell free approach to regenerate damaged articular cartilage. <i>Osteoarthritis and Cartilage</i> , 2016, 24, S161.	0.6	1
275	Effect of HLA Matching on Pediatric Renal Transplant Graft Survival in China. <i>Transplantation Proceedings</i> , 2017, 49, 1291-1293.	0.3	1
276	Cover Image, Volume 51, Issue 6. <i>Cell Proliferation</i> , 2018, 51, e12554.	2.4	1
277	Nanomaterials and Cell Biology. <i>Current Stem Cell Research and Therapy</i> , 2021, 16, 2-2.	0.6	1
278	Cephalometric Landmark Tracing Using Deformable Templates. , 2011, , .		0
279	Editorial (Thematic Issue: Toxicity and Pharmacokinetics of Nanobiomaterials). <i>Current Drug Metabolism</i> , 2013, 14, 819-819.	0.7	0
280	Editorial (Thematic Issue: Potential Application of Mesenchymal Stem Cells in Craniofacial) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td	0.6	0
281	Editorial (Thematic Issue: Important Roles of PPAR in Stem Cell Differentiation). <i>Current Stem Cell Research and Therapy</i> , 2016, 11, 176-176.	0.6	0
282	Cover Image, Volume 51, Issue 1. <i>Cell Proliferation</i> , 2018, 51, e12439.	2.4	0
283	Review of craniofacial regeneration in China. <i>Journal of Oral Rehabilitation</i> , 2020, 47, 107-117.	1.3	0
284	The Role of the Wnt Signaling Pathway in the Osteogenic Differentiation of Human Adipose-derived Stem Cells under Mechanical Stimulation. <i>Journal of Hard Tissue Biology</i> , 2015, 24, 169-180.	0.2	0
285	Electrospun Fibrous Scaffolds for Cartilage Tissue Regeneration. <i>Pancreatic Islet Biology</i> , 2017, , 59-75.	0.1	0
286	Research Progress on Antibacterial Application with Nucleic Acid and Nucleic Acid Materials. , 2021, , 167-190.		0
287	Bioswitchable Delivery of microRNA by Framework Nucleic Acids: Application to Bone Regeneration (Small 47/2021). <i>Small</i> , 2021, 17, 2170248.	5.2	0