Yun-Feng Lin

List of Publications by Year
in descending order

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287 papers	13,372 citations	23567 58 h-index	39675 94 g-index

304 all docs	304 docs citations	304 times ranked	14799 citing authors

#	Article	IF	Citations
1	Biological regulation on synovial fibroblast and the treatment of rheumatoid arthritis by nobiletin-loaded tetrahedral framework nucleic acids cargo tank. Chinese Chemical Letters, 2023, 34, 107549.	9.0	4
2	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. Bioactive Materials, 2022, 9, 411-427.	15.6	16
3	Anti-inflammatory activity of curcumin-loaded tetrahedral framework nucleic acids on acute gouty arthritis. Bioactive Materials, 2022, 8, 368-380.	15.6	142
4	Effect of tetrahedral DNA nanostructures on LPSâ€induced neuroinflammation in mice. Chinese Chemical Letters, 2022, 33, 1901-1906.	9.0	16
5	Functionalizing Framework Nucleicâ€Acidâ€Based Nanostructures for Biomedical Application. Advanced Materials, 2022, 34, e2107820.	21.0	148
6	Tetrahedral-Framework Nucleic Acids Carry Small Interfering RNA to Downregulate Toll-Like Receptor 2 Gene Expression for the Treatment of Sepsis. ACS Applied Materials & Interfaces, 2022, 14, 6442-6452.	8.0	15
7	Biomimetic Nanoerythrosomeâ€Coated Aptamerâ€“DNA Tetrahedron/Maytansine Conjugates: pHâ€Responsive and Targeted Cytotoxicity for HER2â€Positive Breast Cancer. Advanced Materials, 2022, 34, e2109609.	21.0	158
8	Facilitating In Situ Tumor Imaging with a Tetrahedral DNA Frameworkâ€Enhanced Hybridization Chain Reaction Probe. Advanced Functional Materials, 2022, 32, .	14.9	93
9	Repair of infected bone defect with Clindamycin-Tetrahedral DNA nanostructure Complex-loaded 3D bioprinted hybrid scaffold. Chemical Engineering Journal, 2022, 435, 134855.	12.7	57
10	Tetrahedral Framework Nucleic Acids Can Alleviate Taurocholate-Induced Severe Acute Pancreatitis and Its Subsequent Multiorgan Injury in Mice. Nano Letters, 2022, 22, 1759-1768.	9.1	63
11	Applications of tetrahedral DNA nanostructures in wound repair and tissue regeneration. Burns and Trauma, 2022, 10, tkac006.	4.9	8
12	Treatment effect of DNA framework nucleic acids on diffuse microvascular endothelial cell injury after subarachnoid hemorrhage. Cell Proliferation, 2022, 55, e13206.	5.3	33
13	Tetrahedral Framework Nucleic Acids Inhibit Skin Fibrosis via the Pyroptosis Pathway. ACS Applied Materials & Interfaces, 2022, 14, 15069-15079.	8.0	24
14	Therapeutic Effects of Self-Assembled Tetrahedral Framework Nucleic Acids on Liver Regeneration in Acute Liver Failure. ACS Applied Materials & Interfaces, 2022, 14, 13136-13146.	8.0	12
15	Positive Neuroplastic Effect of DNA Framework Nucleic Acids on Neuropsychiatric Diseases. , 2022, 4, 665-674.		6
16	Antiepilepticus Effects of Tetrahedral Framework Nucleic Acid via Inhibition of Gliosis-Induced Downregulation of Glutamine Synthetase and Increased AMPAR Internalization in the Postsynaptic Membrane. Nano Letters, 2022, 22, 2381-2390.	9.1	45
17	Ribociclib Inhibits P-gp-Mediated Multidrug Resistance in Human Epidermoid Carcinoma Cells. Frontiers in Pharmacology, 2022, 13, 867128.	3.5	4
18	Tetrahedral framework nucleic acids-based delivery of microRNA-155 inhibits choroidal neovascularization by regulating the polarization of macrophages. Bioactive Materials, 2022, 14, 134-144.	15.6	77

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19	A DNA Nanostructure-Based Neuroprotectant against Neuronal Apoptosis via Inhibiting Toll-like Receptor 2 Signaling Pathway in Acute Ischemic Stroke. ACS Nano, 2022, 16, 1456-1470.	14.6	64
20	Tetrahedral Framework Nucleic Acids Connected with MicroRNA-126 Mimics for Applications in Vascular Inflammation, Remodeling, and Homeostasis. ACS Applied Materials & Interfaces, 2022, 14, 19091-19103.	8.0	10
21	Tetrahedral framework nucleic acid carrying angiogenic peptide prevents bisphosphonate-related osteonecrosis of the jaw by promoting angiogenesis. International Journal of Oral Science, 2022, 14, 23.	8.6	19
22	A Lysosomeâ€Activated Tetrahedral Nanobox for Encapsulated siRNA Delivery. Advanced Materials, 2022, 34, e2201731.	21.0	79
23	Modulation of the Crosstalk between Schwann Cells and Macrophages for Nerve Regeneration: A Therapeutic Strategy Based on a Multifunctional Tetrahedral Framework Nucleic Acids System. Advanced Materials, 2022, 34, e2202513.	21.0	80
24	Prospects and challenges of dynamic DNA nanostructures in biomedical applications. Bone Research, 2022, 10, .	11.4	64
25	<scp>MiRâ€26aâ€tetrahedral</scp> framework nucleic acids mediated osteogenesis of adiposeâ€derived mesenchymal stem cells. Cell Proliferation, 2022, 55, .	5.3	21
26	Intestinal epithelium-derived BATF3 promotes colitis-associated colon cancer through facilitating CXCL5-mediated neutrophils recruitment. Mucosal Immunology, 2021, 14, 187-198.	6.0	23
27	Polypeptide uploaded efficient nanophotosensitizers to overcome photodynamic resistance for enhanced anticancer therapy. Chemical Engineering Journal, 2021, 403, 126344.	12.7	22
28	A Framework Nucleic Acid Based Robotic Nanobee for Active Targeting Therapy. Advanced Functional Materials, 2021, 31, 2007342.	14.9	65
29	Tetrahedral framework nucleic acids act as antioxidants in acute kidney injury treatment. Chemical Engineering Journal, 2021, 413, 127426.	12.7	51
30	EpsR Negatively Regulates Streptococcus mutans Exopolysaccharide Synthesis. Journal of Dental Research, 2021, 100, 002203452110006.	5.2	19
31	Synthesis and Antitumor Application of Antiangiogenetic Gold Nanoclusters. ACS Applied Materials & Interfaces, 2021, 13, 11708-11720.	8.0	11
32	Tetrahedral Framework Nucleic Acid-Based Delivery of Resveratrol Alleviates Insulin Resistance: From Innate to Adaptive Immunity. Nano-Micro Letters, 2021, 13, 86.	27.0	44
33	Tetrahedral Framework Nucleic Acids Induce Immune Tolerance and Prevent the Onset of Type 1 Diabetes. Nano Letters, 2021, 21, 4437-4446.	9.1	41
34	Enhanced Penetrability of a Tetrahedral Framework Nucleic Acid by Modification with iRGD for DOX-Targeted Delivery to Triple-Negative Breast Cancer. ACS Applied Materials & Interfaces, 2021, 13, 25825-25835.	8.0	39
35	Therapeutic siCCR2 Loaded by Tetrahedral Framework DNA Nanorobotics in Therapy for Intracranial Hemorrhage. Advanced Functional Materials, 2021, 31, 2101435.	14.9	46
36	Broadening the biocompatibility of gold nanorods from rat to Macaca fascicularis: advancing clinical potential. Journal of Nanobiotechnology, 2021, 19, 195.	9.1	6

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37	The immune regulatory effects of tetrahedral framework nucleic acid on human T cells via the mitogenâ€activated protein kinase pathway. Cell Proliferation, 2021, 54, e13084.	5.3	8
38	The Neuroprotective Effect of MicroRNAâ€22â€3p Modified Tetrahedral Framework Nucleic Acids on Damaged Retinal Neurons Via TrkB/BDNF Signaling Pathway. Advanced Functional Materials, 2021, 31, 2104141.	14.9	36
39	Angiogenic Aptamer-Modified Tetrahedral Framework Nucleic Acid Promotes Angiogenesis In Vitro and In Vivo. ACS Applied Materials & Interfaces, 2021, 13, 29439-29449.	8.0	21
40	The protective effect of tetrahedral framework nucleic acids on periodontium under inflammatory conditions. Bioactive Materials, 2021, 6, 1676-1688.	15.6	63
41	Aptamer-guided DNA tetrahedrons as a photo-responsive drug delivery system for Mucin 1-expressing breast cancer cells. Applied Materials Today, 2021, 23, 101010.	4.3	15
42	Treating LRRK2â€Related Parkinson's Disease by Inhibiting the mTOR Signaling Pathway to Restore Autophagy. Advanced Functional Materials, 2021, 31, 2105152.	14.9	37
43	Erythromycin loaded by tetrahedral framework nucleic acids are more antimicrobial sensitive against Escherichia coli (E. coli). Bioactive Materials, 2021, 6, 2281-2290.	15.6	49
44	Tetrahedral Framework Nucleic Acids Ameliorate Insulin Resistance in Type 2 Diabetes Mellitus via the PI3K/Akt Pathway. ACS Applied Materials & Interfaces, 2021, 13, 40354-40364.	8.0	30
45	Tetrahedral Framework Nucleic Acids Reestablish Immune Tolerance and Restore Saliva Secretion in a SjÃ¶grenâ€™s Syndrome Mouse Model. ACS Applied Materials & Interfaces, 2021, 13, 42543-42553.	8.0	13
46	The remyelination effect of DNA framework nucleic acids on demyelinating diseases. Applied Materials Today, 2021, 24, 101098.	4.3	10
47	Non-viral vector mediated CKb11 with folic acid modification regulates macrophage polarization and DC maturation to elicit immune response against cancer. Bioactive Materials, 2021, 6, 3678-3691.	15.6	13
48	Chitosan hydrogel/3D-printed poly(Îµâ€caprolactone) hybrid scaffold containing synovial mesenchymal stem cells for cartilage regeneration based on tetrahedral framework nucleic acid recruitment. Biomaterials, 2021, 278, 121131.	11.4	79
49	Nanomaterials and Cell Biology. Current Stem Cell Research and Therapy, 2021, 16, 2-2.	1.3	1
50	The Application of Nucleic Acids and Nucleic Acid Materials in Antimicrobial Research. Current Stem Cell Research and Therapy, 2021, 16, 66-73.	1.3	6
51	Application of Nanomaterials in Neurodegenerative Diseases. Current Stem Cell Research and Therapy, 2021, 16, 83-94.	1.3	8
52	Tetrahedral Framework Nucleic Acids Loaded with Aptamer AS1411 for siRNA Delivery and Gene Silencing in Malignant Melanoma. ACS Applied Materials & Interfaces, 2021, 13, 6109-6118.	8.0	52
53	Tetrahedral framework nucleic acids facilitate neurorestoration of facial nerves by activating the NGF/PI3K/AKT pathway. Nanoscale, 2021, 13, 15598-15610.	5.6	13
54	The biological applications of DNA nanomaterials: current challenges and future directions. Signal Transduction and Targeted Therapy, 2021, 6, 351.	17.1	110

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55	Bioswitchable Delivery of microRNA by Framework Nucleic Acids: Application to Bone Regeneration. Small, 2021, 17, e2104359.	10.0	70
56	Tetrahedral Framework Nucleic Acids Reverse New-Onset Type 1 Diabetes. ACS Applied Materials & Interfaces, 2021, 13, 50802-50811.	8.0	5
57	Research Progress on Antibacterial Application with Nucleic Acid and Nucleic Acid Materials. , 2021, , 167-190.		0
58	Bioswitchable Delivery of microRNA by Framework Nucleic Acids: Application to Bone Regeneration (Small 47/2021). Small, 2021, 17, 2170248.	10.0	0
59	Application of Programmable Tetrahedral Framework Nucleic Acid-Based Nanomaterials in Neurological Disorders: Progress and Prospects. Frontiers in Bioengineering and Biotechnology, 2021, 9, 782237.	4.1	6
60	Biological Effect of Differently Sized Tetrahedral Framework Nucleic Acids: Endocytosis, Proliferation, Migration, and Biodistribution. ACS Applied Materials & Interfaces, 2021, 13, 57067-57074.	8.0	25
61	Review of craniofacial regeneration in China. Journal of Oral Rehabilitation, 2020, 47, 107-117.	3.0	0
62	Diversity of DNA Nanostructures and Applications in Oncotherapy. Biotechnology Journal, 2020, 15, e1900094.	3.5	13
63	Enhanced Neural Regeneration with a Concomitant Treatment of Framework Nucleic Acid and Stem Cells in Spinal Cord Injury. ACS Applied Materials & Interfaces, 2020, 12, 2095-2106.	8.0	45
64	Progress in Biomedical Applications of Tetrahedral Framework Nucleic Acid-Based Functional Systems. ACS Applied Materials & Interfaces, 2020, 12, 47115-47126.	8.0	33
65	Design, fabrication and applications of tetrahedral DNA nanostructure-based multifunctional complexes in drug delivery and biomedical treatment. Nature Protocols, 2020, 15, 2728-2757.	12.0	211
66	Blood exposure to graphene oxide may cause anaphylactic death in non-human primates. Nano Today, 2020, 35, 100922.	11.9	29
67	Preventive effect of tetrahedral framework nucleic acids on bisphosphonate-related osteonecrosis of the jaw. Nanoscale, 2020, 12, 17196-17202.	5.6	12
68	Tetrahedral framework nucleic acids promote scarless healing of cutaneous wounds via the AKT-signaling pathway. Signal Transduction and Targeted Therapy, 2020, 5, 120.	17.1	61
69	Tetrahedral Framework Nucleic Acids Loading Ampicillin Improve the Drug Susceptibility against Methicillin-Resistant Staphylococcus aureus. ACS Applied Materials & Interfaces, 2020, 12, 36957-36966.	8.0	27
70	Nucleic acid based tetrahedral framework DNA nanostructures for fibrotic diseases therapy. Applied Materials Today, 2020, 20, 100725.	4.3	7
71	Effects of the tetrahedral framework nucleic acids on the skeletal muscle regeneration in vitro and in vivo. Materials Chemistry Frontiers, 2020, 4, 2731-2743.	5.9	7
72	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.	8.0	42

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73	Tetrahedral Framework Nucleic Acid Inhibits Chondrocyte Apoptosis and Oxidative Stress through Activation of Autophagy. ACS Applied Materials & Interfaces, 2020, 12, 56782-56791.	8.0	38
74	Tetrahedral framework nucleic acids as an advanced drug delivery system for oligonucleotide drugs. APL Materials, 2020, 8, .	5.1	2
75	Treatment of Alzheimer's disease with framework nucleic acids. Cell Proliferation, 2020, 53, e12787.	5.3	42
76	Multi-targeted Antisense Oligonucleotide Delivery by a Framework Nucleic Acid for Inhibiting Biofilm Formation and Virulence. Nano-Micro Letters, 2020, 12, 74.	27.0	41
77	Applications of Computer-Aided Design/Manufacturing Technology in Treatment of Hemifacial Microsomia. Journal of Craniofacial Surgery, 2020, 31, 1133-1136.	0.7	6
78	Recent progress in antitumor functions of the intracellular antibodies. Drug Discovery Today, 2020, 25, 1109-1120.	6.4	9
79	Effects of tetrahedral framework nucleic acid/wogonin complexes on osteoarthritis. Bone Research, 2020, 8, 6.	11.4	67
80	Hyaluronan-directed fabrication of co-doped hydroxyapatite as a dual-modal probe for tumor-specific bioimaging. Journal of Materials Chemistry B, 2020, 8, 2107-2114.	5.8	15
81	Tetrahedral Framework Nucleic Acids Deliver Antimicrobial Peptides with Improved Effects and Less Susceptibility to Bacterial Degradation. Nano Letters, 2020, 20, 3602-3610.	9.1	82
82	Advances in biological applications of self-assembled DNA tetrahedral nanostructures. Materials Today, 2019, 24, 57-68.	14.2	114
83	Neuroprotective and Neurotherapeutic Effects of Tetrahedral Framework Nucleic Acids on Parkinsonâ€™s Disease in Vitro. ACS Applied Materials & Interfaces, 2019, 11, 32787-32797.	8.0	38
84	Corneal Healing: Tetrahedral Framework Nucleic Acids Promote Corneal Epithelial Wound Healing in Vitro and in Vivo (Small 31/2019). Small, 2019, 15, 1970162.	10.0	4
85	Engineering DNAâ€“Nanozyme Interfaces for Rapid Detection of Dental Bacteria. ACS Applied Materials & Interfaces, 2019, 11, 30640-30647.	8.0	48
86	PEGylated Protamine-Based Adsorbing Improves the Biological Properties and Stability of Tetrahedral Framework Nucleic Acids. ACS Applied Materials & Interfaces, 2019, 11, 27588-27597.	8.0	35
87	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.	3.3	44
88	Enhanced Efficacy of Temozolomide Loaded by a Tetrahedral Framework DNA Nanoparticle in the Therapy for Glioblastoma. ACS Applied Materials & Interfaces, 2019, 11, 39525-39533.	8.0	67
89	Tetrahedral DNA Nanostructure-Delivered DNAzyme for Gene Silencing to Suppress Cell Growth. ACS Applied Materials & Interfaces, 2019, 11, 6850-6857.	8.0	67
90	An Intelligent DNA Nanorobot with in Vitro Enhanced Protein Lysosomal Degradation of HER2. Nano Letters, 2019, 19, 4505-4517.	9.1	153

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91	Tetrahedral Framework Nucleic Acids Promote Corneal Epithelial Wound Healing in Vitro and in Vivo. Small, 2019, 15, e1901907.	10.0	51
92	DNA-Based Nanomedicine with Targeting and Enhancement of Therapeutic Efficacy of Breast Cancer Cells. ACS Applied Materials & Interfaces, 2019, 11, 15354-15365.	8.0	77
93	Tetrahedral framework nucleic acids prevent retina ischemia-reperfusion injury from oxidative stress via activating the Akt/Nrf2 pathway. Nanoscale, 2019, 11, 20667-20675.	5.6	56
94	The Clearance Effect of Tetrahedral DNA Nanostructures on Senescent Human Dermal Fibroblasts. ACS Applied Materials & Interfaces, 2019, 11, 1942-1950.	8.0	37
95	Aptamerâ€targeted <scp>DNA</scp> nanostructures with doxorubicin to treat protein tyrosine kinase 7â€positive tumours. Cell Proliferation, 2019, 52, e12511.	5.3	58
96	DNA Nanorobot Delivers Antisense Oligonucleotides Silencing c-Met Gene Expression for Cancer Therapy. Journal of Biomedical Nanotechnology, 2019, 15, 1948-1959.	1.1	8
97	Effect of tetrahedral DNA nanostructures on proliferation and osteo/odontogenic differentiation of dental pulp stem cells via activation of the notch signaling pathway. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 1227-1236.	3.3	67
98	Anterior Cruciate Ligament Transectionâ€“Induced Cellular and Extracellular Events in Menisci: Implications for Osteoarthritis. American Journal of Sports Medicine, 2018, 46, 1185-1198.	4.2	61
99	Vascularization in Craniofacial Bone Tissue Engineering. Journal of Dental Research, 2018, 97, 969-976.	5.2	58
100	KDM6A promotes chondrogenic differentiation of periodontal ligament stem cells by demethylation of SOX9. Cell Proliferation, 2018, 51, e12413.	5.3	44
101	Overcoming drug-resistant lung cancer by paclitaxel loaded tetrahedral DNA nanostructures. Nanoscale, 2018, 10, 5457-5465.	5.6	123
102	Self-Assembled Tetrahedral DNA Nanostructures Promote Neural Stem Cell Proliferation and Neuronal Differentiation. ACS Applied Materials & Interfaces, 2018, 10, 7892-7900.	8.0	94
103	Effects of tetrahedral DNA nanostructures on autophagy in chondrocytes. Chemical Communications, 2018, 54, 1327-1330.	4.1	62
104	Anti-inflammatory and Antioxidative Effects of Tetrahedral DNA Nanostructures via the Modulation of Macrophage Responses. ACS Applied Materials & Interfaces, 2018, 10, 3421-3430.	8.0	121
105	Cover Image, Volume 51, Issue 1. Cell Proliferation, 2018, 51, e12439.	5.3	0
106	Substrate stiffness regulated migration and angiogenesis potential of A549 cells and HUVECs. Journal of Cellular Physiology, 2018, 233, 3407-3417.	4.1	48
107	Regulating osteogenesis and adipogenesis in adiposeâ€derived stem cells by controlling underlying substrate stiffness. Journal of Cellular Physiology, 2018, 233, 3418-3428.	4.1	55
108	Enhancing engineered vascular networks in vitro and in vivo: The effects of <scp>IGF</scp>1 on vascular development and durability. Cell Proliferation, 2018, 51, .	5.3	12

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109	Cover Image, Volume 51, Issue 6. Cell Proliferation, 2018, 51, e12554.	5.3	1
110	Nucleic acids and analogs for bone regeneration. Bone Research, 2018, 6, 37.	11.4	48
111	Research Progress of the Types and Preparation Techniques of Scaffold Materials in Cartilage Tissue Engineering. Current Stem Cell Research and Therapy, 2018, 13, 583-590.	1.3	16
112	Tetrahedral DNA Nanostructure Promotes Endothelial Cell Proliferation, Migration, and Angiogenesis via Notch Signaling Pathway. ACS Applied Materials & Interfaces, 2018, 10, 37911-37918.	8.0	48
113	Stem Cells and Cartilage Tissue Engineering. Current Stem Cell Research and Therapy, 2018, 13, 489-489.	1.3	3
114	Tetrahedral DNA Nanomaterial Regulates the Biological Behaviors of Adipose-Derived Stem Cells via DNA Methylation on Dlg3. ACS Applied Materials & Interfaces, 2018, 10, 32017-32025.	8.0	37
115	Inhibiting Methicillin-Resistant Staphylococcus aureus by Tetrahedral DNA Nanostructure-Enabled Antisense Peptide Nucleic Acid Delivery. Nano Letters, 2018, 18, 5652-5659.	9.1	117
116	Tetrahedral <scp>DNA</scp> nanostructures facilitate neural stem cell migration via activating <scp>RHOA</scp>/<scp>ROCK</scp>2 signalling pathway. Cell Proliferation, 2018, 51, e12503.	5.3	52
117	Neuroprotective Effect of Tetrahedral DNA Nanostructures in a Cell Model of Alzheimerâ€™s Disease. ACS Applied Materials & Interfaces, 2018, 10, 23682-23692.	8.0	56
118	Tetrahedral DNA Nanostructure: A Potential Promoter for Cartilage Tissue Regeneration via Regulating Chondrocyte Phenotype and Proliferation. Small, 2017, 13, 1602770.	10.0	83
119	Effect of matrix stiffness on osteoblast functionalization. Cell Proliferation, 2017, 50, .	5.3	67
120	Effect of tetrahedral DNA nanostructures on osteogenic differentiation of mesenchymal stem cells via activation of the Wnt/Î²-catenin signaling pathway. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 1809-1819.	3.3	55
121	Nanomaterials for Craniofacial and Dental Tissue Engineering. Journal of Dental Research, 2017, 96, 725-732.	5.2	68
122	The Effect of shape on Cellular Uptake of Gold Nanoparticles in the forms of Stars, Rods, and Triangles. Scientific Reports, 2017, 7, 3827.	3.3	280
123	DNA Nanostructures: Tetrahedral DNA Nanostructure: A Potential Promoter for Cartilage Tissue Regeneration via Regulating Chondrocyte Phenotype and Proliferation (Small 12/2017). Small, 2017, 13, .	10.0	2
124	Total magnetic resonance imaging burden of cerebral smallâ€vessel disease is associated with postâ€stroke depression in patients with acute lacunar stroke. European Journal of Neurology, 2017, 24, 374-380.	3.3	50
125	<scp>IGF</scp>â€1 promotes angiogenesis in endothelial cells/adiposeâ€derived stem cells coâ€culture system with activation of <scp>PI</scp>3K/Akt signal pathway. Cell Proliferation, 2017, 50, .	5.3	85
126	Aptamer-Modified Tetrahedral DNA Nanostructure for Tumor-Targeted Drug Delivery. ACS Applied Materials & Interfaces, 2017, 9, 36695-36701.	8.0	150

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127	Fabrication of Calcium Phosphate Microflowers and Their Extended Application in Bone Regeneration. ACS Applied Materials & Interfaces, 2017, 9, 30437-30447.	8.0	48
128	MMPâ€2 and Notch signal pathway regulate migration of adiposeâ€derived stem cells and chondrocytes in coâ€culture systems. Cell Proliferation, 2017, 50, .	5.3	16
129	Injectable and thermosensitive TGF-Î²1-loaded PCEC hydrogel system for in vivo cartilage repair. Scientific Reports, 2017, 7, 10553.	3.3	47
130	Curved microstructures promote osteogenesis of mesenchymal stem cells via the RhoA/<scp>ROCK</scp> pathway. Cell Proliferation, 2017, 50, .	5.3	40
131	Substrate stiffness regulates arterial-venous differentiation of endothelial progenitor cells via the Ras/Mek pathway. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 1799-1808.	4.1	29
132	Doxorubicin-loaded environmentally friendly carbon dots as a novel drug delivery system for nucleus targeted cancer therapy. Colloids and Surfaces B: Biointerfaces, 2017, 159, 349-359.	5.0	136
133	Effect of HLA Matching on Pediatric Renal Transplant Graft Survival in China. Transplantation Proceedings, 2017, 49, 1291-1293.	0.6	1
134	Modulation of chondrocyte motility by tetrahedral <scp>DNA</scp> nanostructures. Cell Proliferation, 2017, 50, .	5.3	59
135	Angiogenesis in a 3D model containing adipose tissue stem cells and endothelial cells is mediated by canonical Wnt signaling. Bone Research, 2017, 5, 17048.	11.4	52
136	Electrospun Poly(3-hydroxybutyrate-co-4-hydroxybutyrate)/Graphene Oxide Scaffold: Enhanced Properties and Promoted in Vivo Bone Repair in Rats. ACS Applied Materials & Interfaces, 2017, 9, 42589-42600.	8.0	99
137	Synthesis of an ethyleneimine/tetrahedral DNA nanostructure complex and its potential application as a multi-functional delivery vehicle. Nanoscale, 2017, 9, 18402-18412.	5.6	62
138	The fabrication of biomimetic biphasic CAN-PAC hydrogel with a seamless interfacial layer applied in osteochondral defect repair. Bone Research, 2017, 5, 17018.	11.4	127
139	Notch Signaling Pathway Regulates Angiogenesis via Endothelial Cell in 3D Coâ€Culture Model. Journal of Cellular Physiology, 2017, 232, 1548-1558.	4.1	27
140	The <scp>JAK</scp>/<scp>STAT</scp>3 signalling pathway regulated angiogenesis in an endothelial cell/adiposeâ€derived stromal cell coâ€culture, 3D gel model. Cell Proliferation, 2017, 50, .	5.3	60
141	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.	1.1	6
142	Effects of Micro-environmental pH of Liposome on Chemical Stability of Loaded Drug. Nanoscale Research Letters, 2017, 12, 504.	5.7	47
143	Green and High-Efficiency Reduction of Graphene Oxide for Highly Loading Drug to Enhance Cancer Therapy. Journal of Biomedical Nanotechnology, 2017, 13, 1210-1220.	1.1	6
144	Application of Scaffold Materials in Cartilage Tissue Engineering. Pancreatic Islet Biology, 2017, , 21-39.	0.3	2

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145	Enhancement of Physicochemical Properties and Biocompatibility of Shape Memory Polymers by the Addition of Graphene Oxide. Journal of Biomedical Nanotechnology, 2017, 13, 678-687.	1.1	3
146	Kappa opioid receptor signaling protects cartilage tissue against posttraumatic degeneration. JCI Insight, 2017, 2, e88553.	5.0	22
147	Electrospun Fibrous Scaffolds for Cartilage Tissue Regeneration. Pancreatic Islet Biology, 2017, , 59-75.	0.3	0
148	Editorial (Thematic Issue: Important Roles of PPAR in Stem Cell Differentiation). Current Stem Cell Research and Therapy, 2016, 11, 176-176.	1.3	0
149	Crosstalk between adipose-derived stem cells and chondrocytes: when growth factors matter. Bone Research, 2016, 4, 15036.	11.4	67
150	Injectable enzymatically cross linkable hydrogels: A minimally invasive cell free approach to regenerate damaged articular cartilage. Osteoarthritis and Cartilage, 2016, 24, S161.	1.3	1
151	Understanding the Biomedical Effects of the Self-Assembled Tetrahedral DNA Nanostructure on Living Cells. ACS Applied Materials & Interfaces, 2016, 8, 12733-12739.	8.0	56
152	Physiological oxygen tension modulates soluble growth factor profile after crosstalk between chondrocytes and osteoblasts. Cell Proliferation, 2016, 49, 122-133.	5.3	17
153	Softening Substrates Promote Chondrocytes Phenotype via RhoA/ROCK Pathway. ACS Applied Materials & Interfaces, 2016, 8, 22884-22891.	8.0	67
154	Lowâ€intensity pulsed ultrasound upregulates proâ€myelination indicators of Schwann cells enhanced by coâ€culture with adiposeâ€derived stem cells. Cell Proliferation, 2016, 49, 720-728.	5.3	22
155	<scp>PCL</scp>â€<scp>PEG</scp>â€<scp>PCL</scp> film promotes cartilage regeneration in vivo. Cell Proliferation, 2016, 49, 729-739.	5.3	44
156	Self-Assembled Tetrahedral DNA Nanostructures Promote Adipose-Derived Stem Cell Migration via lncRNA XLOC 010623 and RHOA/ROCK2 Signal Pathway. ACS Applied Materials & Interfaces, 2016, 8, 19353-19363.	8.0	80
157	Chronic Kidney Disease Impairs Bone Defect Healing in Rats. Scientific Reports, 2016, 6, 23041.	3.3	17
158	DNA methylation is critical for tooth agenesis: implications for sporadic non-syndromic anodontia and hypodontia. Scientific Reports, 2016, 6, 19162.	3.3	39
159	Overexpression of proteasomal activator PA28Î± serves as a prognostic factor in oral squamous cell carcinoma. Journal of Experimental and Clinical Cancer Research, 2016, 35, 35.	8.6	18
160	Morphologically Controlled Synthesis of Hydroxyapatite and Its Bioactivity on Osteoblast Cells. Journal of Nanoscience and Nanotechnology, 2016, 16, 6978-6985.	0.9	3
161	Hypoxia enhances angiogenesis in an adiposeâ€derived stromal cell/endothelial cell coâ€culture 3D gel model. Cell Proliferation, 2016, 49, 236-245.	5.3	23
162	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.	5.3	43

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