Yun-Feng Lin

List of Publications by Year in Descending Order

272 papers	9,035 citations	47 h-index	78 g-index
304 ext. papers	11,126 ext. citations	8.1 avg, IF	6.35 L-index

#	Paper	IF	Citations
272	Biomimetic Nanoerythrosome-Coated Aptamer-DNA Tetrahedron/Maytansine Conjugates: pH-Responsive and Targeted Cytotoxicity for HER2-positive Breast Cancer.. *Advanced Materials*, **2022**, e2109609	24	29
271	Repair of infected bone defect with Clindamycin-Tetrahedral DNA nanostructure Complex-loaded 3D bioprinted hybrid scaffold. *Chemical Engineering Journal*, **2022**, 435, 134855	14.7	18
270	Tetrahedral Framework Nucleic Acids Can Alleviate Taurocholate-Induced Severe Acute Pancreatitis and Its Subsequent Multiorgan Injury in Mice.. *Nano Letters*, **2022**,	11.5	9
269	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	16.7	2
268	Anti-inflammatory activity of curcumin-loaded tetrahedral framework nucleic acids on acute gouty arthritis. *Bioactive Materials*, **2022**, 8, 368-380	16.7	46
267	Applications of tetrahedral DNA nanostructures in wound repair and tissue regeneration.. *Burns and Trauma*, **2022**, 10, tkac006	5.3	1
266	Treatment effect of DNA framework nucleic acids on diffuse microvascular endothelial cell injury after subarachnoid hemorrhage.. *Cell Proliferation*, **2022**, e13206	7.9	1
265	Positive Neuroplastic Effect of DNA Framework Nucleic Acids on Neuropsychiatric Diseases **2022**, 4, 665-674		0
264	Ribociclib Inhibits P-gp-Mediated Multidrug Resistance in Human Epidermoid Carcinoma Cells.. *Frontiers in Pharmacology*, **2022**, 13, 867128	5.6	0
263	Tetrahedral framework nucleic acids-based delivery of microRNA-155 inhibits choroidal neovascularization by regulating the polarization of macrophages.. *Bioactive Materials*, **2022**, 14, 134-144	16.7	22
262	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	27.9	3
261	A Lysosome-activated Tetrahedral Nanobox for Encapsulated siRNA Delivery.. *Advanced Materials*, **2022**, e2201731	24	11
260	Modulation of the Crosstalk Between Schwann Cells and Macrophages for Nerve Regeneration: A Therapeutic Strategy Based on Multifunctional Tetrahedral Framework Nucleic Acids System.. *Advanced Materials*, **2022**, e2202513	24	8
259	Prospects and challenges of dynamic DNA nanostructures in biomedical applications. *Bone Research*, **2022**, 10,	13.3	5
258	Application of Nanomaterials in Neurodegenerative Diseases **2021**, 87-110		
257	The Application and Problems of Tetrahedral Framework Nucleic Acids as a Drug Carrier in Biomedicine Fields **2021**, 137-166		
256	Effect of tetrahedral DNA nanostructures on LPS-induced neuroinflammation in mice. *Chinese Chemical Letters*, **2021**,	8.1	4

255	Research Progress on Antibacterial Application with Nucleic Acid and Nucleic Acid Materials **2021**, 167-190		
254	Bioswitchable Delivery of microRNA by Framework Nucleic Acids: Application to Bone Regeneration (Small 47/2021). *Small*, **2021**, 17, 2170248	11	
253	Application of Programmable Tetrahedral Framework Nucleic Acid-Based Nanomaterials in Neurological Disorders: Progress and Prospects.. *Frontiers in Bioengineering and Biotechnology*, **2021**, 9, 782237	5.8	1
252	Biological Effect of Differently Sized Tetrahedral Framework Nucleic Acids: Endocytosis, Proliferation, Migration, and Biodistribution. *ACS Applied Materials & Interfaces*, **2021**, 13, 57067-57074	9.5	5
251	Functionalizing Framework Nucleic Acid-Based Nanostructures for Biomedical Application. *Advanced Materials*, **2021**, e2107820	24	27
250	The biological applications of DNA nanomaterials: current challenges and future directions. *Signal Transduction and Targeted Therapy*, **2021**, 6, 351	21	23
249	Bioswitchable Delivery of microRNA by Framework Nucleic Acids: Application to Bone Regeneration. *Small*, **2021**, 17, e2104359	11	23
248	Tetrahedral Framework Nucleic Acids Reverse New-Onset Type 1 Diabetes. *ACS Applied Materials & Interfaces*, **2021**, 13, 50802-50811	9.5	4
247	Synthesis and Antitumor Application of Antiangiogenetic Gold Nanoclusters. *ACS Applied Materials & Interfaces*, **2021**, 13, 11708-11720	9.5	3
246	Tetrahedral Framework Nucleic Acid-Based Delivery of Resveratrol Alleviates Insulin Resistance: From Innate to Adaptive Immunity. *Nano-Micro Letters*, **2021**, 13, 86	19.5	23
245	Tetrahedral Framework Nucleic Acids Induce Immune Tolerance and Prevent the Onset of Type 1 Diabetes. *Nano Letters*, **2021**, 21, 4437-4446	11.5	16
244	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	9.5	9
243	Therapeutic siCCR2 Loaded by Tetrahedral Framework DNA Nanorobotics in Therapy for Intracranial Hemorrhage. *Advanced Functional Materials*, **2021**, 31, 2101435	15.6	26
242	Broadening the biocompatibility of gold nanorods from rat to Macaca fascicularis: advancing clinical potential. *Journal of Nanobiotechnology*, **2021**, 19, 195	9.4	1
241	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	7.9	2
240	The Neuroprotective Effect of MicroRNA-22-3p Modified Tetrahedral Framework Nucleic Acids on Damaged Retinal Neurons Via TrkB/BDNF Signaling Pathway. *Advanced Functional Materials*, **2021**, 31, 2104141	15.6	19
239	Angiogenic Aptamer-Modified Tetrahedral Framework Nucleic Acid Promotes Angiogenesis In Vitro and In Vivo. *ACS Applied Materials & Interfaces*, **2021**, 13, 29439-29449	9.5	4
238	The protective effect of tetrahedral framework nucleic acids on periodontium under inflammatory conditions. *Bioactive Materials*, **2021**, 6, 1676-1688	16.7	30

237	Aptamer-guided DNA tetrahedrons as a photo-responsive drug delivery system for Mucin 1-expressing breast cancer cells. *Applied Materials Today*, **2021**, 23, 101010	6.6	8
236	Treating LRRK2-Related Parkinson‡s Disease by Inhibiting the mTOR Signaling Pathway to Restore Autophagy. *Advanced Functional Materials*, **2021**, 31, 2105152	15.6	18
235	Intestinal epithelium-derived BATF3 promotes colitis-associated colon cancer through facilitating CXCL5-mediated neutrophils recruitment. *Mucosal Immunology*, **2021**, 14, 187-198	9.2	3
234	Polypeptide uploaded efficient nanophotosensitizers to overcome photodynamic resistance for enhanced anticancer therapy. *Chemical Engineering Journal*, **2021**, 403, 126344	14.7	11
233	A Framework Nucleic Acid Based Robotic Nanobee for Active Targeting Therapy. *Advanced Functional Materials*, **2021**, 31, 2007342	15.6	37
232	Tetrahedral framework nucleic acids act as antioxidants in acute kidney injury treatment. *Chemical Engineering Journal*, **2021**, 413, 127426	14.7	25
231	EpsR Negatively Regulates Exopolysaccharide Synthesis. *Journal of Dental Research*, **2021**, 100, 968-976	8.1	6
230	Erythromycin loaded by tetrahedral framework nucleic acids are more antimicrobial sensitive against. *Bioactive Materials*, **2021**, 6, 2281-2290	16.7	30
229	Tetrahedral Framework Nucleic Acids Ameliorate Insulin Resistance in Type 2 Diabetes Mellitus the PI3K/Akt Pathway. *ACS Applied Materials & Interfaces*, **2021**, 13, 40354-40364	9.5	6
228	Tetrahedral Framework Nucleic Acids Reestablish Immune Tolerance and Restore Saliva Secretion in a Sjgren‡s Syndrome Mouse Model. *ACS Applied Materials & Interfaces*, **2021**, 13, 42543-42553	9.5	3
227	The remyelination effect of DNA framework nucleic acids on demyelinating diseases. *Applied Materials Today*, **2021**, 24, 101098	6.6	6
226	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	16.7	1
225	Chitosan hydrogel/3D-printed poly(‡caprolactone) hybrid scaffold containing synovial mesenchymal stem cells for cartilage regeneration based on tetrahedral framework nucleic acid recruitment. *Biomaterials*, **2021**, 278, 121131	15.6	11
224	The Application of Nucleic Acids and Nucleic Acid Materials in Antimicrobial Research. *Current Stem Cell Research and Therapy*, **2021**, 16, 66-73	3.6	1
223	Application of Nanomaterials in Neurodegenerative Diseases. *Current Stem Cell Research and Therapy*, **2021**, 16, 83-94	3.6	5
222	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	9.5	15
221	Tetrahedral framework nucleic acids facilitate neurorestoration of facial nerves by activating the NGF/PI3K/AKT pathway. *Nanoscale*, **2021**, 13, 15598-15610	7.7	2
220	A DNA Nanostructure-Based Neuroprotectant against Neuronal Apoptosis Inhibiting Toll-like Receptor 2 Signaling Pathway in Acute Ischemic Stroke.. *ACS Nano*, **2021**,	16.7	15

219	Tetrahedral Framework Nucleic Acid Inhibits Chondrocyte Apoptosis and Oxidative Stress through Activation of Autophagy. *ACS Applied Materials & Interfaces*, **2020**, 12, 56782-56791	9.5	12
218	Tetrahedral framework nucleic acids as an advanced drug delivery system for oligonucleotide drugs. *APL Materials*, **2020**, 8, 100701	5.7	1
217	Treatment of Alzheimer's disease with framework nucleic acids. *Cell Proliferation*, **2020**, 53, e12787	7.9	21
216	Multi-targeted Antisense Oligonucleotide Delivery by a Framework Nucleic Acid for Inhibiting Biofilm Formation and Virulence. *Nano-Micro Letters*, **2020**, 12, 74	19.5	25
215	Applications of Computer-Aided Design/Manufacturing Technology in Treatment of Hemifacial Microsomia. *Journal of Craniofacial Surgery*, **2020**, 31, 1133-1136	1.2	3
214	Recent progress in antitumor functions of the intracellular antibodies. *Drug Discovery Today*, **2020**, 25, 1109-1120	8.8	5
213	Effects of tetrahedral framework nucleic acid/wogonin complexes on osteoarthritis. *Bone Research*, **2020**, 8, 6	13.3	35
212	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	7.3	7
211	Tetrahedral Framework Nucleic Acids Deliver Antimicrobial Peptides with Improved Effects and Less Susceptibility to Bacterial Degradation. *Nano Letters*, **2020**, 20, 3602-3610	11.5	49
210	Diversity of DNA Nanostructures and Applications in Oncotherapy. *Biotechnology Journal*, **2020**, 15, e1900094	5.0	9
209	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	9.5	29
208	Progress in Biomedical Applications of Tetrahedral Framework Nucleic Acid-Based Functional Systems. *ACS Applied Materials & Interfaces*, **2020**, 12, 47115-47126	9.5	8
207	Design, fabrication and applications of tetrahedral DNA nanostructure-based multifunctional complexes in drug delivery and biomedical treatment. *Nature Protocols*, **2020**, 15, 2728-2757	18.8	78
206	Blood exposure to graphene oxide may cause anaphylactic death in non-human primates. *Nano Today*, **2020**, 35, 100922	17.9	16
205	Preventive effect of tetrahedral framework nucleic acids on bisphosphonate-related osteonecrosis of the jaw. *Nanoscale*, **2020**, 12, 17196-17202	7.7	7
204	Tetrahedral framework nucleic acids promote scarless healing of cutaneous wounds via the AKT-signaling pathway. *Signal Transduction and Targeted Therapy*, **2020**, 5, 120	21	40
203	Tetrahedral Framework Nucleic Acids Loading Ampicillin Improve the Drug Susceptibility against Methicillin-Resistant. *ACS Applied Materials & Interfaces*, **2020**, 12, 36957-36966	9.5	13
202	Nucleic acid based tetrahedral framework DNA nanostructures for fibrotic diseases therapy. *Applied Materials Today*, **2020**, 20, 100725	6.6	2

201	Effects of the tetrahedral framework nucleic acids on the skeletal muscle regeneration in vitro and in vivo. *Materials Chemistry Frontiers*, **2020**, 4, 2731-2743	7.8	2
200	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	9.5	20
199	Review of craniofacial regeneration in China. *Journal of Oral Rehabilitation*, **2020**, 47 Suppl 1, 107-117	3.4	
198	Tetrahedral DNA Nanostructure-Delivered DNAzyme for Gene Silencing to Suppress Cell Growth. *ACS Applied Materials & Interfaces*, **2019**, 11, 6850-6857	9.5	50
197	An Intelligent DNA Nanorobot with Enhanced Protein Lysosomal Degradation of HER2. *Nano Letters*, **2019**, 19, 4505-4517	11.5	91
196	Tetrahedral Framework Nucleic Acids Promote Corneal Epithelial Wound Healing in Vitro and in Vivo. *Small*, **2019**, 15, e1901907	11	26
195	DNA-Based Nanomedicine with Targeting and Enhancement of Therapeutic Efficacy of Breast Cancer Cells. *ACS Applied Materials & Interfaces*, **2019**, 11, 15354-15365	9.5	49
194	Advances in biological applications of self-assembled DNA tetrahedral nanostructures. *Materials Today*, **2019**, 24, 57-68	21.8	72
193	Neuroprotective and Neurotherapeutic Effects of Tetrahedral Framework Nucleic Acids on Parkinson's Disease. *ACS Applied Materials & Interfaces*, **2019**, 11, 32787-32797	9.5	24
192	Corneal Healing: Tetrahedral Framework Nucleic Acids Promote Corneal Epithelial Wound Healing in Vitro and in Vivo (Small 31/2019). *Small*, **2019**, 15, 1970162	11	3
191	Engineering DNA-Nanozyme Interfaces for Rapid Detection of Dental Bacteria. *ACS Applied Materials & Interfaces*, **2019**, 11, 30640-30647	9.5	30
190	PEGylated Protamine-Based Adsorbing Improves the Biological Properties and Stability of Tetrahedral Framework Nucleic Acids. *ACS Applied Materials & Interfaces*, **2019**, 11, 27588-27597	9.5	24
189	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	6	24
188	Enhanced Efficacy of Temozolomide Loaded by a Tetrahedral Framework DNA Nanoparticle in the Therapy for Glioblastoma. *ACS Applied Materials & Interfaces*, **2019**, 11, 39525-39533	9.5	40
187	Tetrahedral framework nucleic acids prevent retina ischemia-reperfusion injury from oxidative stress via activating the Akt/Nrf2 pathway. *Nanoscale*, **2019**, 11, 20667-20675	7.7	32
186	The Clearance Effect of Tetrahedral DNA Nanostructures on Senescent Human Dermal Fibroblasts. *ACS Applied Materials & Interfaces*, **2019**, 11, 1942-1950	9.5	28
185	Aptamer-targeted DNA nanostructures with doxorubicin to treat protein tyrosine kinase 7-positive tumours. *Cell Proliferation*, **2019**, 52, e12511	7.9	34
184	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	6	45

183	Anterior Cruciate Ligament Transection-Induced Cellular and Extracellular Events in Menisci: Implications for Osteoarthritis. *American Journal of Sports Medicine*, **2018**, 46, 1185-1198	6.8	33
182	Vascularization in Craniofacial Bone Tissue Engineering. *Journal of Dental Research*, **2018**, 97, 969-976	8.1	30
181	KDM6A promotes chondrogenic differentiation of periodontal ligament stem cells by demethylation of SOX9. *Cell Proliferation*, **2018**, 51, e12413	7.9	26
180	Overcoming drug-resistant lung cancer by paclitaxel loaded tetrahedral DNA nanostructures. *Nanoscale*, **2018**, 10, 5457-5465	7.7	88
179	Self-Assembled Tetrahedral DNA Nanostructures Promote Neural Stem Cell Proliferation and Neuronal Differentiation. *ACS Applied Materials & Interfaces*, **2018**, 10, 7892-7900	9.5	65
178	Effects of tetrahedral DNA nanostructures on autophagy in chondrocytes. *Chemical Communications*, **2018**, 54, 1327-1330	5.8	46
177	Anti-inflammatory and Antioxidative Effects of Tetrahedral DNA Nanostructures via the Modulation of Macrophage Responses. *ACS Applied Materials & Interfaces*, **2018**, 10, 3421-3430	9.5	88
176	Cover Image, Volume 51, Issue 1. *Cell Proliferation*, **2018**, 51, e12439	7.9	78
175	Substrate stiffness regulated migration and angiogenesis potential of A549 cells and HUVECs. *Journal of Cellular Physiology*, **2018**, 233, 3407-3417	7	31
174	Regulating osteogenesis and adipogenesis in adipose-derived stem cells by controlling underlying substrate stiffness. *Journal of Cellular Physiology*, **2018**, 233, 3418-3428	7	36
173	Inhibiting Methicillin-Resistant Staphylococcus aureus by Tetrahedral DNA Nanostructure-Enabled Antisense Peptide Nucleic Acid Delivery. *Nano Letters*, **2018**, 18, 5652-5659	11.5	82
172	Tetrahedral DNA nanostructures facilitate neural stem cell migration via activating RHOA/ROCK2 signalling pathway. *Cell Proliferation*, **2018**, 51, e12503	7.9	37
171	Neuroprotective Effect of Tetrahedral DNA Nanostructures in a Cell Model of Alzheimer's Disease. *ACS Applied Materials & Interfaces*, **2018**, 10, 23682-23692	9.5	46
170	Enhancing engineered vascular networks in vitro and in vivo: The effects of IGF1 on vascular development and durability. *Cell Proliferation*, **2018**, 51,	7.9	9
169	Nucleic acids and analogs for bone regeneration. *Bone Research*, **2018**, 6, 37	13.3	33
168	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	3.6	11
167	Tetrahedral DNA Nanostructure Promotes Endothelial Cell Proliferation, Migration, and Angiogenesis via Notch Signaling Pathway. *ACS Applied Materials & Interfaces*, **2018**, 10, 37911-37918	9.5	35
166	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	9.5	30

165	Tetrahedral DNA Nanostructure: A Potential Promoter for Cartilage Tissue Regeneration via Regulating Chondrocyte Phenotype and Proliferation. *Small*, **2017**, 13, 1602770	11	58
164	Effect of matrix stiffness on osteoblast functionalization. *Cell Proliferation*, **2017**, 50,	7.9	49
163	Effect of tetrahedral DNA nanostructures on osteogenic differentiation of mesenchymal stem cells via activation of the Wnt/β-catenin signaling pathway. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2017**, 13, 1809-1819	6	38
162	Nanomaterials for Craniofacial and Dental Tissue Engineering. *Journal of Dental Research*, **2017**, 96, 725-732	8.1	47
161	The Effect of shape on Cellular Uptake of Gold Nanoparticles in the forms of Stars, Rods, and Triangles. *Scientific Reports*, **2017**, 7, 3827	4.9	181
160	DNA Nanostructures: Tetrahedral DNA Nanostructure: A Potential Promoter for Cartilage Tissue Regeneration via Regulating Chondrocyte Phenotype and Proliferation (Small 12/2017). *Small*, **2017**, 13,	11	2
159	Total magnetic resonance imaging burden of cerebral small-vessel disease is associated with post-stroke depression in patients with acute lacunar stroke. *European Journal of Neurology*, **2017**, 24, 374-380	6	29
158	IGF-1 promotes angiogenesis in endothelial cells/adipose-derived stem cells co-culture system with activation of PI3K/Akt signal pathway. *Cell Proliferation*, **2017**, 50,	7.9	38
157	Aptamer-Modified Tetrahedral DNA Nanostructure for Tumor-Targeted Drug Delivery. *ACS Applied Materials & Interfaces*, **2017**, 9, 36695-36701	9.5	118
156	Effects of Micro-environmental pH of Liposome on Chemical Stability of Loaded Drug. *Nanoscale Research Letters*, **2017**, 12, 504	5	36
155	Green and High-Efficiency Reduction of Graphene Oxide for Highly Loading Drug to Enhance Cancer Therapy. *Journal of Biomedical Nanotechnology*, **2017**, 13, 1210-1220	4	6
154	Fabrication of Calcium Phosphate Microflowers and Their Extended Application in Bone Regeneration. *ACS Applied Materials & Interfaces*, **2017**, 9, 30437-30447	9.5	43
153	MMP-2 and Notch signal pathway regulate migration of adipose-derived stem cells and chondrocytes in co-culture systems. *Cell Proliferation*, **2017**, 50,	7.9	14
152	Injectable and thermosensitive TGF-β1-loaded PCEC hydrogel system for in vivo cartilage repair. *Scientific Reports*, **2017**, 7, 10553	4.9	35
151	Curved microstructures promote osteogenesis of mesenchymal stem cells via the RhoA/ROCK pathway. *Cell Proliferation*, **2017**, 50,	7.9	28
150	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	4.9	24
149	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	6	94
148	Effect of HLA Matching on Pediatric Renal Transplant Graft Survival in China. *Transplantation Proceedings*, **2017**, 49, 1291-1293	1.1	0

147	Modulation of chondrocyte motility by tetrahedral DNA nanostructures. *Cell Proliferation*, **2017**, 50,	7.9	50
146	Angiogenesis in a 3D model containing adipose tissue stem cells and endothelial cells is mediated by canonical Wnt signaling. *Bone Research*, **2017**, 5, 17048	13.3	40
145	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	9.5	74
144	Synthesis of an ethyleneimine/tetrahedral DNA nanostructure complex and its potential application as a multi-functional delivery vehicle. *Nanoscale*, **2017**, 9, 18402-18412	7.7	47
143	The fabrication of biomimetic biphasic CAN-PAC hydrogel with a seamless interfacial layer applied in osteochondral defect repair. *Bone Research*, **2017**, 5, 17018	13.3	96
142	Notch Signaling Pathway Regulates Angiogenesis via Endothelial Cell in 3D Co-Culture Model. *Journal of Cellular Physiology*, **2017**, 232, 1548-1558	7	21
141	The JAK/STAT3 signalling pathway regulated angiogenesis in an endothelial cell/adipose-derived stromal cell co-culture, 3D gel model. *Cell Proliferation*, **2017**, 50,	7.9	44
140	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	4	3
139	Enhancement of Physicochemical Properties and Biocompatibility of Shape Memory Polymers by the Addition of Graphene Oxide. *Journal of Biomedical Nanotechnology*, **2017**, 13, 678-687	4	3
138	Kappa opioid receptor signaling protects cartilage tissue against posttraumatic degeneration. *JCI Insight*, **2017**, 2, e88553	9.9	16
137	Application of Scaffold Materials in Cartilage Tissue Engineering. *Pancreatic Islet Biology*, **2017**, 21-39	0.4	2
136	Electrospun Fibrous Scaffolds for Cartilage Tissue Regeneration. *Pancreatic Islet Biology*, **2017**, 59-75	0.4	
135	Softening Substrates Promote Chondrocytes Phenotype via RhoA/ROCK Pathway. *ACS Applied Materials & Interfaces*, **2016**, 8, 22884-91	9.5	55
134	Low-intensity pulsed ultrasound upregulates pro-myelination indicators of Schwann cells enhanced by co-culture with adipose-derived stem cells. *Cell Proliferation*, **2016**, 49, 720-728	7.9	12
133	PCL-PEG-PCL film promotes cartilage regeneration in vivo. *Cell Proliferation*, **2016**, 49, 729-739	7.9	36
132	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, 19353-63	9.5	62
131	Chronic Kidney Disease Impairs Bone Defect Healing in Rats. *Scientific Reports*, **2016**, 6, 23041	4.9	12
130	DNA methylation is critical for tooth agenesis: implications for sporadic non-syndromic anodontia and hypodontia. *Scientific Reports*, **2016**, 6, 19162	4.9	25

129	Overexpression of proteasomal activator PA28 serves as a prognostic factor in oral squamous cell carcinoma. *Journal of Experimental and Clinical Cancer Research*, **2016**, 35, 35	12.8	15
128	Morphologically Controlled Synthesis of Hydroxyapatite and Its Bioactivity on Osteoblast Cells. *Journal of Nanoscience and Nanotechnology*, **2016**, 16, 6978-6985	1.3	3
127	Hypoxia enhances angiogenesis in an adipose-derived stromal cell/endothelial cell co-culture 3D gel model. *Cell Proliferation*, **2016**, 49, 236-45	7.9	17
126	Effects of low oxygen tension on gene profile of soluble growth factors in co-cultured adipose-derived stromal cells and chondrocytes. *Cell Proliferation*, **2016**, 49, 341-51	7.9	37
125	Chondrocytes Cocultured with Stromal Vascular Fraction of Adipose Tissue Present More Intense Chondrogenic Characteristics Than with Adipose Stem Cells. *Tissue Engineering - Part A*, **2016**, 22, 336-48	3.9	19
124	Smad signal pathway regulates angiogenesis via endothelial cell in an adipose-derived stromal cell/endothelial cell co-culture, 3D gel model. *Molecular and Cellular Biochemistry*, **2016**, 412, 281-8	4.2	13
123	Peroxisome Proliferator-Activated Receptor- Master Regulator of Adipogenesis and Obesity. *Current Stem Cell Research and Therapy*, **2016**, 11, 282-9	3.6	68
122	Insecticidal Activity and Histopathological Effects of Vip3Aa Protein from on. *Journal of Microbiology and Biotechnology*, **2016**, 26, 1774-1780	3.3	12
121	Crosstalk between adipose-derived stem cells and chondrocytes: when growth factors matter. *Bone Research*, **2016**, 4, 15036	13.3	55
120	Understanding the Biomedical Effects of the Self-Assembled Tetrahedral DNA Nanostructure on Living Cells. *ACS Applied Materials & Interfaces*, **2016**, 8, 12733-9	9.5	43
119	Physiological oxygen tension modulates soluble growth factor profile after crosstalk between chondrocytes and osteoblasts. *Cell Proliferation*, **2016**, 49, 122-33	7.9	15
118	Enhanced biostability of nanoparticle-based drug delivery systems by albumin corona. *Nanomedicine*, **2015**, 10, 205-14	5.6	49
117	DNA-based plasmonic nanostructures. *Materials Today*, **2015**, 18, 326-335	21.8	57
116	Clicking DNA to gold nanoparticles: poly-adenine-mediated formation of monovalent DNA-gold nanoparticle conjugates with nearly quantitative yield. *NPG Asia Materials*, **2015**, 7, e159-e159	10.3	91
115	Adenoviral vector-mediated overexpression of osteoprotegerin accelerates osteointegration of titanium implants in ovariectomized rats. *Gene Therapy*, **2015**, 22, 636-44	4	6
114	P34HB film promotes cell adhesion, in vitro proliferation, and in vivo cartilage repair. *RSC Advances*, **2015**, 5, 21572-21579	3.7	9
113	Tea Polyphenol-Functionalized Graphene/Chitosan as an Experimental Platform with Improved Mechanical Behavior and Bioactivity. *ACS Applied Materials & Interfaces*, **2015**, 7, 20893-901	9.5	23
112	Cyclic mechanical stress modulates neurotrophic and myelinating gene expression of Schwann cells. *Cell Proliferation*, **2015**, 48, 59-66	7.9	17

111	Bio-electrospraying is a safe technology for delivering human adipose-derived stem cells. *Biotechnology Letters*, **2015**, 37, 449-56	3	16
110	Adventitial Cells and Perictyes Support Chondrogenesis Through Different Mechanisms in 3-Dimensional Cultures With or Without Nanoscaffolds. *Journal of Biomedical Nanotechnology*, **2015**, 11, 1799-807	4	10
109	Nanomaterials and bone regeneration. *Bone Research*, **2015**, 3, 15029	13.3	321
108	Regulation of Extracellular Matrix Remodeling Proteins by Osteoblasts in Titanium Nanoparticle-Induced Aseptic Loosening Model. *Journal of Biomedical Nanotechnology*, **2015**, 11, 1826-35	4	5
107	Gene profile of soluble growth factors involved in angiogenesis, in an adipose-derived stromal cell/endothelial cell co-culture, 3D gel model. *Cell Proliferation*, **2015**, 48, 405-12	7.9	15
106	TGF signalling pathway regulates angiogenesis by endothelial cells, in an adipose-derived stromal cell/endothelial cell co-culture 3D gel model. *Cell Proliferation*, **2015**, 48, 729-37	7.9	11
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