

Xiu-mei Wang

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133 papers	2,975 citations	28 h-index	50 g-index
147 ext. papers	3,846 ext. citations	6.2 avg, IF	5.29 L-index

#	Paper	IF	Citations
133	Biological designer self-assembling peptide nanofiber scaffolds significantly enhance osteoblast proliferation, differentiation and 3-D migration. <i>PLoS ONE</i> , 2007 , 2, e190	3.7	353
132	Shape-, size- and structure-controlled synthesis and biocompatibility of iron oxide nanoparticles for magnetic theranostics. <i>Theranostics</i> , 2018 , 8, 3284-3307	12.1	172
131	In vitro behavior of neural stem cells in response to different chemical functional groups. <i>Biomaterials</i> , 2009 , 30, 1036-44	15.6	157
130	Designer functionalized self-assembling peptide nanofiber scaffolds for growth, migration, and tubulogenesis of human umbilical vein endothelial cells. <i>Soft Matter</i> , 2008 , 4, 2388	3.6	107
129	Injectable and Self-Healing Thermosensitive Magnetic Hydrogel for Asynchronous Control Release of Doxorubicin and Docetaxel to Treat Triple-Negative Breast Cancer. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 33660-33673	9.5	106
128	Prompt peripheral nerve regeneration induced by a hierarchically aligned fibrin nanofiber hydrogel. <i>Acta Biomaterialia</i> , 2017 , 55, 296-309	10.8	96
127	Functionalized self-assembling peptide nanofiber hydrogels mimic stem cell niche to control human adipose stem cell behavior in vitro. <i>Acta Biomaterialia</i> , 2013 , 9, 6798-805	10.8	88
126	Hyaluronic acid-based scaffold for central neural tissue engineering. <i>Interface Focus</i> , 2012 , 2, 278-91	3.9	87
125	Co-effects of matrix low elasticity and aligned topography on stem cell neurogenic differentiation and rapid neurite outgrowth. <i>Nanoscale</i> , 2016 , 8, 10252-65	7.7	80
124	Advances in the surface modification techniques of bone-related implants for last 10 years. <i>International Journal of Energy Production and Management</i> , 2014 , 1, 67-79	5.3	69
123	In vivo studies on angiogenic activity of two designer self-assembling peptide scaffold hydrogels in the chicken embryo chorioallantoic membrane. <i>Nanoscale</i> , 2012 , 4, 2720-7	7.7	69
122	Increased recruitment of endogenous stem cells and chondrogenic differentiation by a composite scaffold containing bone marrow homing peptide for cartilage regeneration. <i>Theranostics</i> , 2018 , 8, 5039-5058	12.1	57
121	The enamel softening and loss during early erosion studied by AFM, SEM and nanoindentation. <i>Biomedical Materials (Bristol)</i> , 2009 , 4, 015020	3.5	53
120	Mineralized Collagen: Rationale, Current Status, and Clinical Applications. <i>Materials</i> , 2015 , 8, 4733-4750	3.5	50
119	Hierarchically aligned fibrin nanofiber hydrogel accelerated axonal regrowth and locomotor function recovery in rat spinal cord injury. <i>International Journal of Nanomedicine</i> , 2018 , 13, 2883-2895	7.3	49
118	Aligned chitosan nanofiber hydrogel grafted with peptides mimicking bioactive brain-derived neurotrophic factor and vascular endothelial growth factor repair long-distance sciatic nerve defects in rats. <i>Theranostics</i> , 2020 , 10, 1590-1603	12.1	46
117	Three-Dimensional Printing and Injectable Conductive Hydrogels for Tissue Engineering Application. <i>Tissue Engineering - Part B: Reviews</i> , 2019 , 25, 398-411	7.9	45

116	An Antimicrobial Peptide-Loaded Gelatin/Chitosan Nanofibrous Membrane Fabricated by Sequential Layer-by-Layer Electrospinning and Electrospaying Techniques. <i>Nanomaterials</i> , 2018 , 8,	5.4	44
115	Doxorubicin-loaded Fe ₃ O ₄ @MoS ₂ -PEG-2DG nanocubes as a theranostic platform for magnetic resonance imaging-guided chemo-photothermal therapy of breast cancer. <i>Nano Research</i> , 2018 , 11, 2470-2487 ¹⁹	3.9	39
114	BMP7-Based Functionalized Self-Assembling Peptides for Nucleus Pulposus Tissue Engineering. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 17076-87	9.5	38
113	In Situ Articular Cartilage Regeneration through Endogenous Reporative Cell Homing Using a Functional Bone Marrow-Specific Scaffolding System. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 38715-38728	9.5	38
112	Osteogenic Differentiation Gene Expression Profiling of hMSCs on Hydroxyapatite and Mineralized Collagen. <i>Tissue Engineering - Part A</i> , 2016 , 22, 170-81	3.9	36
111	Scaffolds for central nervous system tissue engineering. <i>Frontiers of Materials Science</i> , 2012 , 6, 1-25	2.5	36
110	Self-assembling peptide hydrogels functionalized with LN- and BDNF- mimicking epitopes synergistically enhance peripheral nerve regeneration. <i>Theranostics</i> , 2020 , 10, 8227-8249	12.1	31
109	A neurotrophic peptide-functionalized self-assembling peptide nanofiber hydrogel enhances rat sciatic nerve regeneration. <i>Nano Research</i> , 2018 , 11, 4599-4613	10	30
108	Directing neural stem cell fate with biomaterial parameters for injured brain regeneration. <i>Progress in Natural Science: Materials International</i> , 2013 , 23, 103-112	3.6	30
107	Synergistic effects of dual-presenting VEGF- and BDNF-mimetic peptide epitopes from self-assembling peptide hydrogels on peripheral nerve regeneration. <i>Nanoscale</i> , 2019 , 11, 19943-19958 ^{7.7}	7.7	30
106	Fabrication of Antimicrobial Peptide-Loaded PLGA/Chitosan Composite Microspheres for Long-Acting Bacterial Resistance. <i>Molecules</i> , 2017 , 22,	4.8	29
105	Bioactive Self-Assembling Peptide Hydrogels Functionalized with Brain-Derived Neurotrophic Factor and Nerve Growth Factor Mimicking Peptides Synergistically Promote Peripheral Nerve Regeneration. <i>ACS Biomaterials Science and Engineering</i> , 2018 , 4, 2994-3005	5.5	28
104	Self-assembling peptide hydrogel scaffolds support stem cell-based hair follicle regeneration. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016 , 12, 2115-2125	6	27
103	A fully biodegradable and self-electrified device for neuroregenerative medicine. <i>Science Advances</i> , 2020 , 6,	14.3	26
102	Dual directions to address the problem of aseptic loosening via electrospun PLGA @ aspirin nanofiber coatings on titanium. <i>Biomaterials</i> , 2020 , 257, 120237	15.6	26
101	3D Printing of Conductive Tissue Engineering Scaffolds Containing Polypyrrole Nanoparticles with Different Morphologies and Concentrations. <i>Materials</i> , 2019 , 12,	3.5	25
100	Combined effect of ion concentration and functional groups on surface chemistry modulated CaCO ₃ crystallization. <i>CrystEngComm</i> , 2012 , 14, 6647	3.3	25
99	Comparison of bone regeneration in alveolar bone of dogs on mineralized collagen grafts with two composition ratios of nano-hydroxyapatite and collagen. <i>International Journal of Energy Production and Management</i> , 2016 , 3, 33-40	5.3	24

98	Mineralized Collagen-Based Composite Bone Materials for Cranial Bone Regeneration in Developing Sheep. <i>ACS Biomaterials Science and Engineering</i> , 2017 , 3, 1092-1099	5.5	23
97	Manganese-Based Magnetic Layered Double Hydroxide Nanoparticle: A pH-Sensitive and Concurrently Enhanced ^{51}Cr -Weighted Dual-Mode Magnetic Resonance Imaging Contrast Agent. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 2555-2562	5.5	22
96	Enhancement of nano-hydroxyapatite bonding to dentin through a collagen/calcium dual-affinitive peptide for dentinal tubule occlusion. <i>Journal of Biomaterials Applications</i> , 2014 , 29, 268-277	2.9	22
95	Drug-nanoencapsulated PLGA microspheres prepared by emulsion electrospray with controlled release behavior. <i>International Journal of Energy Production and Management</i> , 2016 , 3, 309-317	5.3	22
94	Tuning pore features of mineralized collagen/PCL scaffolds for cranial bone regeneration in a rat model. <i>Materials Science and Engineering C</i> , 2020 , 106, 110186	8.3	22
93	Effect of nanoheat stimulation mediated by magnetic nanocomposite hydrogel on the osteogenic differentiation of mesenchymal stem cells. <i>Science China Life Sciences</i> , 2018 , 61, 448-456	8.5	21
92	Neural tissue engineering: the influence of scaffold surface topography and extracellular matrix microenvironment. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 567-584	7.3	21
91	Effect of hierarchically aligned fibrin hydrogel in regeneration of spinal cord injury demonstrated by tractography: A pilot study. <i>Scientific Reports</i> , 2017 , 7, 40017	4.9	20
90	A high-strength mineralized collagen bone scaffold for large-sized cranial bone defect repair in sheep. <i>International Journal of Energy Production and Management</i> , 2018 , 5, 283-292	5.3	20
89	Applications of Graphene and Its Derivatives in Bone Repair: Advantages for Promoting Bone Formation and Providing Real-Time Detection, Challenges and Future Prospects. <i>International Journal of Nanomedicine</i> , 2020 , 15, 7523-7551	7.3	20
88	Enhanced angiogenesis by the hyaluronic acid hydrogels immobilized with a VEGF mimetic peptide in a traumatic brain injury model in rats. <i>International Journal of Energy Production and Management</i> , 2019 , 6, 325-334	5.3	19
87	Clinical evaluations of mineralized collagen in the extraction sites preservation. <i>International Journal of Energy Production and Management</i> , 2016 , 3, 41-8	5.3	19
86	Two competitive nucleation mechanisms of calcium carbonate biomineralization in response to surface functionality in low calcium ion concentration solution. <i>International Journal of Energy Production and Management</i> , 2015 , 2, 187-95	5.3	19
85	Three-dimensional self-assembling nanofiber matrix rejuvenates aged/degenerative human tendon stem/progenitor cells. <i>Biomaterials</i> , 2020 , 236, 119802	15.6	18
84	Neurogenic differentiation of human umbilical cord mesenchymal stem cells on aligned electrospun polypyrrole/polylactide composite nanofibers with electrical stimulation. <i>Frontiers of Materials Science</i> , 2016 , 10, 260-269	2.5	18
83	Calcium carbonate crystallization controlled by functional groups: A mini-review. <i>Frontiers of Materials Science</i> , 2013 , 7, 62-68	2.5	18
82	Evolution of calcium phosphate crystallization on three functional group surfaces with the same surface density. <i>CrystEngComm</i> , 2012 , 14, 6695	3.3	16
81	Injectable bone cement based on mineralized collagen. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2010 , 94, 72-9	3.5	16

80	Topographical patterning: characteristics of current processing techniques, controllable effects on material properties and co-cultured cell fate, updated applications in tissue engineering, and improvement strategies. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 7090-7109	7.3	16
79	Biomimetic Self-Assembling Peptide Hydrogels for Tissue Engineering Applications. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1064, 297-312	3.6	16
78	Self-assembling peptide nanofiber hydrogels for central nervous system regeneration. <i>Frontiers of Materials Science</i> , 2015 , 9, 1-13	2.5	15
77	Osteogenesis effects of magnetic nanoparticles modified-porous scaffolds for the reconstruction of bone defect after bone tumor resection. <i>International Journal of Energy Production and Management</i> , 2019 , 6, 373-381	5.3	15
76	Mesenchymal Stem Cell-Laden Hydrogel Microfibers for Promoting Nerve Fiber Regeneration in Long-Distance Spinal Cord Transection Injury. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 1165-1175	5.5	15
75	Bioactive poly (methyl methacrylate) bone cement for the treatment of osteoporotic vertebral compression fractures. <i>Theranostics</i> , 2020 , 10, 6544-6560	12.1	14
74	Liquid Crystal Elastomer Metamaterials with Giant Biaxial Thermal Shrinkage for Enhancing Skin Regeneration. <i>Advanced Materials</i> , 2021 , 33, e2106175	24	14
73	Mineralization of calcium phosphate controlled by biomimetic self-assembled peptide monolayers via surface electrostatic potentials. <i>Bioactive Materials</i> , 2020 , 5, 387-397	16.7	13
72	Directional axonal regrowth induced by an aligned fibrin nanofiber hydrogel contributes to improved motor function recovery in canine L2 spinal cord injury. <i>Journal of Materials Science: Materials in Medicine</i> , 2020 , 31, 40	4.5	12
71	Gene expression profiling and mechanism study of neural stem cells response to surface chemistry. <i>International Journal of Energy Production and Management</i> , 2014 , 1, 37-47	5.3	12
70	Applications of 3D bioprinting in tissue engineering: advantages, deficiencies, improvements, and future perspectives. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 5385-5413	7.3	12
69	A Customized Self-Assembling Peptide Hydrogel-Wrapped Stem Cell Factor Targeting Pulp Regeneration Rich in Vascular-Like Structures. <i>ACS Omega</i> , 2020 , 5, 16568-16574	3.9	10
68	Melatonin potentiates "inside-out" nano-thermotherapy in human breast cancer cells: a potential cancer target multimodality treatment based on melatonin-loaded nanocomposite particles. <i>International Journal of Nanomedicine</i> , 2017 , 12, 7351-7363	7.3	10
67	Image-guided stem cells with functionalized self-assembling peptide nanofibers for treatment of acute myocardial infarction in a mouse model. <i>American Journal of Translational Research (discontinued)</i> , 2017 , 9, 3723-3731	3	10
66	Development of an antimicrobial peptide-loaded mineralized collagen bone scaffold for infective bone defect repair. <i>International Journal of Energy Production and Management</i> , 2020 , 7, 515-525	5.3	9
65	Regulation of RAW 264.7 macrophages behavior on anodic TiO ₂ nanotubular arrays. <i>Frontiers of Materials Science</i> , 2017 , 11, 318-327	2.5	9
64	In Vivo Osteogenesis of Vancomycin Loaded Nanohydroxyapatite/Collagen/Calcium Sulfate Composite for Treating Infectious Bone Defect Induced by Chronic Osteomyelitis. <i>Journal of Nanomaterials</i> , 2015 , 2015, 1-8	3.2	9
63	Comparison of rabbit rib defect regeneration with and without graft. <i>Journal of Materials Science: Materials in Medicine</i> , 2017 , 28, 2	4.5	8

62	Poly(methyl methacrylate) bone cement composited with mineralized collagen for osteoporotic vertebral compression fractures in extremely old patients. <i>International Journal of Energy Production and Management</i> , 2020 , 7, 29-34	5.3	7
61	Clinical observations of osteoporotic vertebral compression fractures by using mineralized collagen modified polymethylmethacrylate bone cement. <i>International Journal of Energy Production and Management</i> , 2017 , 4, 105-109	5.3	7
60	Hierarchically electrospraying a PLGA@chitosan sphere-in-sphere composite microsphere for multi-drug-controlled release. <i>International Journal of Energy Production and Management</i> , 2020 , 7, 381-390	5.3	7
59	In Vitro Monolayer Culture of Dispersed Neural Stem Cells on the E-Cadherin-Based Substrate with Long-Term Stemness Maintenance. <i>ACS Omega</i> , 2019 , 4, 18136-18146	3.9	6
58	Fabrication and characterization of aligned fibrin nanofiber hydrogel loaded with PLGA microspheres. <i>Macromolecular Research</i> , 2017 , 25, 528-533	1.9	6
57	A hybrid substratum for primary hepatocyte culture that enhances hepatic functionality with low serum dependency. <i>International Journal of Nanomedicine</i> , 2015 , 10, 2313-23	7.3	6
56	Various fates of neuronal progenitor cells observed on several different chemical functional groups. <i>Frontiers of Materials Science</i> , 2011 , 5, 358-366	2.5	6
55	Tanshinone IIA improves functional recovery in spinal cord injury-induced lower urinary tract dysfunction. <i>Neural Regeneration Research</i> , 2017 , 12, 267-275	4.5	6
54	Aligned fibrin/functionalized self-assembling peptide interpenetrating nanofiber hydrogel presenting multi-cues promotes peripheral nerve functional recovery. <i>Bioactive Materials</i> , 2022 , 8, 529-544	16.7	6
53	Terminal Group Modification of Carbon Nanotubes Determines Covalently Bound Osteogenic Peptide Performance. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 865-878	5.5	5
52	Research trends in biomimetic medical materials for tissue engineering: commentary. <i>Biomaterials Research</i> , 2016 , 20, 8	16.8	5
51	Crosstalk between PC12 cells and endothelial cells in an artificial neurovascular niche constructed by a dual-functionalized self-assembling peptide nanofiber hydrogel. <i>Nano Research</i> , 1	10	5
50	A multi-modal delivery strategy for spinal cord regeneration using a composite hydrogel presenting biophysical and biochemical cues synergistically. <i>Biomaterials</i> , 2021 , 276, 120971	15.6	5
49	Effect of in vitro collagen fibrillogenesis on Langmuir-Blodgett (LB) deposition for cellular behavior regulation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 179, 48-55	6	4
48	Self-assembled monolayers of alkanethiolates on surface chemistry groups in osteosarcoma cells. <i>Molecular Medicine Reports</i> , 2015 , 11, 975-81	2.9	4
47	Cancer cell proliferation controlled by surface chemistry in its microenvironment. <i>Frontiers of Materials Science</i> , 2011 , 5, 412-416	2.5	4
46	Biologically modified implantation as therapeutic bioabsorbable materials for bone defect repair.. <i>Regenerative Therapy</i> , 2022 , 19, 9-23	3.7	4
45	A comparison study between hybrid surgery and anterior cervical discectomy and fusion for the treatment of multilevel cervical spondylosis. <i>Bone and Joint Journal</i> , 2020 , 102-B, 981-996	5.6	4

44	Is cell transplantation a reliable therapeutic strategy for spinal cord injury in clinical practice? A systematic review and meta-analysis from 22 clinical controlled trials. <i>European Spine Journal</i> , 2019 , 28, 1092-1112	2.7	3
43	Sustained-release of sclerostin single-chain antibody fragments using poly(lactic-co-glycolic acid) microspheres for osteoporotic fracture repair. <i>Journal of Biomedical Materials Research - Part A</i> , 2019 , 107, 1832-1840	5.4	3
42	Electrospraying and Electrospinning for Nanobiomaterial Fabrication 2017 , 143-163		3
41	Novel Inorganic Gatekeeper Strategy for Obtaining Controlled Release in Mesoporous Silica Nanoparticles. <i>Chemistry Letters</i> , 2014 , 43, 854-856	1.7	2
40	Metallic Nanobiomaterials 2017 , 39-63		2
39	Nanopatterning Techniques 2017 , 189-210		2
38	Structural alignment guides oriented migration and differentiation of endogenous neural stem cells for neurogenesis in brain injury treatment. <i>Biomaterials</i> , 2021 , 280, 121310	15.6	2
37	Repairing Skull Defects in Children with Nano-Hap/Collagen Composites: A Clinical Report of Thirteen Cases. <i>Translational Neuroscience and Clinics</i> , 2016 , 2, 31-37		2
36	Comparison of dynamic mechanical properties of dentin between deciduous and permanent teeth. <i>Connective Tissue Research</i> , 2021 , 62, 402-410	3.3	2
35	Modified poly(methyl methacrylate) bone cement in the treatment of K�hmel disease. <i>International Journal of Energy Production and Management</i> , 2021 , 8, rbaa051	5.3	2
34	Stem cell-homing hydrogel-based miR-29b-5p delivery promotes cartilage regeneration by suppressing senescence in an osteoarthritis rat model.. <i>Science Advances</i> , 2022 , 8, eabk0011	14.3	2
33	A novel and facile prepared wound dressing based on large expanded graphite worms. <i>Journal of Materials Research</i> , 2019 , 34, 490-499	2.5	1
32	Nonconventional Biosensors Based on Nanomembrane Materials 2017 , 241-257		1
31	Nanobiomaterials for Molecular Imaging 2017 , 259-279		1
30	Engineering Nanobiomaterials for Improved Tissue Regeneration 2017 , 281-304		1
29	Nanobiomaterials for Cancer Therapy 2017 , 305-327		1
28	Chemical Synthesis and Biomedical Applications of Iron Oxide Nanoparticles 2017 , 329-358		1
27	Biosafety of Carbon-Based Nanoparticles and Nanocomposites 2017 , 431-458		1

26	Clinical Translation and Safety Regulation of Nanobiomaterials 2017 , 459-479		1
25	Carbon-Based Nanobiomaterials 2017 , 85-104		1
24	Hierarchical self-assembly of a collagen mimetic peptide (PKG) n (POG)2n (DOG) n via electrostatic interactions. <i>Frontiers of Materials Science</i> , 2011 , 5, 293-300	2.5	1
23	Quantitatively Studying Nano-mechanical Properties within the Prism and Organic Sheath of Enamel. <i>Materials Research Society Symposia Proceedings</i> , 2005 , 874, 1		1
22	Histological Changes of Cervical Disc Tissue in Patients with Degenerative Ossification.. <i>Journal of Korean Neurosurgical Society</i> , 2022 ,	2.3	1
21	White matter regeneration induced by aligned fibrin nanofiber hydrogel contributes to motor functional recovery in canine T12 spinal cord injury.. <i>International Journal of Energy Production and Management</i> , 2022 , 9, rbab069	5.3	1
20	Characterization, antioxidant activity, and biocompatibility of selenium nanoparticle-loaded thermosensitive chitosan hydrogels. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021 , 32, 1370-1385	3.5	1
19	All-purpose nanostrategy based on dose deposition enhancement, cell cycle arrest, DNA damage, and ROS production as prostate cancer radiosensitizer for potential clinical translation. <i>Nanoscale</i> , 2021 , 13, 14525-14537	7.7	1
18	Biomimetic Nanohydroxyapatite Synthesized With/Without Tris-Buffered Simulated Body Fluid: A Comparative Analysis. <i>Journal of Nanoscience and Nanotechnology</i> , 2018 , 18, 4423-4427	1.3	1
17	Culture of pyramidal neural precursors, neural stem cells, and fibroblasts on various biomaterials. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018 , 29, 2168-2186	3.5	1
16	Construction and Characterizations of Antibacterial Surfaces Based on Self-Assembled Monolayer of Antimicrobial Peptides (Pac-525) Derivatives on Gold. <i>Coatings</i> , 2021 , 11, 1014	2.9	1
15	Chitosan Tubes Prefilled with Aligned Fibrin Nanofiber Hydrogel Enhance Facial Nerve Regeneration in Rabbits. <i>ACS Omega</i> , 2021 , 6, 26293-26301	3.9	1
14	Surface Modification of Metallic Implants with Nanotubular Arrays via Electrochemical Anodization 2017 , 211-238		0
13	Biphasic mineralized collagen-based composite scaffold for cranial bone regeneration in developing sheep.. <i>International Journal of Energy Production and Management</i> , 2022 , 9, rbac004	5.3	0
12	Liquid Crystal Elastomer Metamaterials with Giant Biaxial Thermal Shrinkage for Enhancing Skin Regeneration (Adv. Mater. 45/2021). <i>Advanced Materials</i> , 2021 , 33, 2170356	24	0
11	Influence of input signal on injection performance for needle driven piezoelectric micro-jet device. <i>Microsystem Technologies</i> , 2021 , 27, 2009-2019	1.7	0
10	Hypoxia-Overcoming Breast-Conserving Treatment by Magnetothermodynamic Implant for a Localized Free-Radical Burst Combined with Hyperthermia. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 35484-35493	9.5	0
9	A novel honeycomb cell assay kit designed for evaluating horizontal cell migration in response to functionalized self-assembling peptide hydrogels. <i>Frontiers of Materials Science</i> , 2017 , 11, 13-21	2.5	

8 Nanobiomaterials: State of the Art **2017**, 3-35

7 Gold Nanoparticles and Their Bioapplications **2017**, 359-377

6 Silicon-Based Nanoparticles for Drug Delivery **2017**, 379-402

5 Dendritic-Polymer-Based Nanomaterials for Cancer Diagnosis and Therapy **2017**, 403-428

4 Polymeric Nanobiomaterials **2017**, 65-84

3 Molecular Self-Assembly for Nanobiomaterial Fabrication **2017**, 107-141

2 Layer-by-Layer Technique: From Capsule Assembly to Application in Biological Domains **2017**, 165-187

1 Microstructure And Mechanical Properties Of Skeletal Bone In Gene-Mutated *Stþseldtl28d* And Wild-Type Zebrafish (*Danio Rerio*). *Materials Research Society Symposia Proceedings*, **2001**, 711, 1