

Haiyan Li

List of Publications by Year in descending order

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131
papers

7,167
citations

44069

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docs citations

133
times ranked

7912
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced osteoporotic bone regeneration by strontium-substituted calcium silicate bioactive ceramics. <i>Biomaterials</i> , 2013, 34, 10028-10042.	11.4	311
2	Exosomes/tricalcium phosphate combination scaffolds can enhance bone regeneration by activating the PI3K/Akt signaling pathway. <i>Stem Cell Research and Therapy</i> , 2016, 7, 136.	5.5	302
3	Silicate bioceramics enhanced vascularization and osteogenesis through stimulating interactions between endothelia cells and bone marrow stromal cells. <i>Biomaterials</i> , 2014, 35, 3803-3818.	11.4	216
4	Stimulation of proangiogenesis by calcium silicate bioactive ceramic. <i>Acta Biomaterialia</i> , 2013, 9, 5379-5389.	8.3	203
5	Surface acoustic wave concentration of particle and bioparticle suspensions. <i>Biomedical Microdevices</i> , 2007, 9, 647-656.	2.8	191
6	Embryonic Stem Cells-Derived Exosomes Endowed with Targeting Properties as Chemotherapeutics Delivery Vehicles for Glioblastoma Therapy. <i>Advanced Science</i> , 2019, 6, 1801899.	11.2	182
7	Bioglass Activated Skin Tissue Engineering Constructs for Wound Healing. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 703-715.	8.0	180
8	Surface modification of self-healing poly(urea-formaldehyde) microcapsules using silane-coupling agent. <i>Applied Surface Science</i> , 2008, 255, 1894-1900.	6.1	168
9	Bioactive Injectable Hydrogels Containing Desferrioxamine and Bioglass for Diabetic Wound Healing. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 30103-30114.	8.0	165
10	Fabrication and characterization of bioactive wollastonite/PHBV composite scaffolds. <i>Biomaterials</i> , 2004, 25, 5473-5480.	11.4	158
11	pH-compensation effect of bioactive inorganic fillers on the degradation of PLGA. <i>Composites Science and Technology</i> , 2005, 65, 2226-2232.	7.8	147
12	A multidimensional rational design of nickel-iron sulfide and carbon nanotubes on diatomite via synergistic modulation strategy for supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2021, 603, 799-809.	9.4	138
13	in vitro Evaluation of Biodegradable Poly(butylene succinate) as a Novel Biomaterial. <i>Macromolecular Bioscience</i> , 2005, 5, 433-440.	4.1	133
14	The calcium silicate/alginate composite: Preparation and evaluation of its behavior as bioactive injectable hydrogels. <i>Acta Biomaterialia</i> , 2013, 9, 9107-9117.	8.3	129
15	Preparation and application of polysulfone microcapsules containing tung oil in self-healing and self-lubricating epoxy coating. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 518, 181-187.	4.7	128
16	Modulation of macrophages by bioactive glass/sodium alginate hydrogel is crucial in skin regeneration enhancement. <i>Biomaterials</i> , 2020, 256, 120216.	11.4	128
17	Synergy effects of copper and silicon ions on stimulation of vascularization by copper-doped calcium silicate. <i>Journal of Materials Chemistry B</i> , 2014, 2, 1100-1110.	5.8	124
18	Bioglass promotes wound healing by affecting gap junction connexin 43 mediated endothelial cell behavior. <i>Biomaterials</i> , 2016, 84, 64-75.	11.4	114

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19	An injectable continuous stratified structurally and functionally biomimetic construct for enhancing osteochondral regeneration. <i>Biomaterials</i> , 2019, 192, 149-158.	11.4	107
20	Bioglass promotes wound healing through modulating the paracrine effects between macrophages and repairing cells. <i>Journal of Materials Chemistry B</i> , 2017, 5, 5240-5250.	5.8	105
21	Fabrication of microcapsules containing dual-functional tung oil and properties suitable for self-healing and self-lubricating coatings. <i>Progress in Organic Coatings</i> , 2018, 115, 164-171.	3.9	101
22	Preparation, characterization and in vitro release of gentamicin from PHBV/wollastonite composite microspheres. <i>Journal of Controlled Release</i> , 2005, 107, 463-473.	9.9	93
23	The degradation and transport mechanism of a Mg-Nd-Zn-Zr stent in rabbit common carotid artery: A 20-month study. <i>Acta Biomaterialia</i> , 2018, 69, 372-384.	8.3	93
24	Electrospun membranes: control of the structure and structure related applications in tissue regeneration and drug delivery. <i>Journal of Materials Chemistry B</i> , 2014, 2, 5492-5510.	5.8	90
25	Preparation and characterization of bioactive and biodegradable Wollastonite/poly(D,L-lactic acid) composite scaffolds. <i>Journal of Materials Science: Materials in Medicine</i> , 2004, 15, 1089-1095.	3.6	89
26	Design of a thermosensitive bioglass/agarose- α -alginate composite hydrogel for chronic wound healing. <i>Journal of Materials Chemistry B</i> , 2015, 3, 8856-8864.	5.8	87
27	Preparation of hydrophilic poly(L-lactide) electrospun fibrous scaffolds modified with chitosan for enhanced cell biocompatibility. <i>Polymer</i> , 2012, 53, 2298-2305.	3.8	85
28	Synthesis and optimization of polyurethane microcapsules containing [BMIm]PF ₆ ionic liquid lubricant. <i>Journal of Colloid and Interface Science</i> , 2019, 534, 469-479.	9.4	77
29	In vitro degradation of porous degradable and bioactive PHBV/wollastonite composite scaffolds. <i>Polymer Degradation and Stability</i> , 2005, 87, 301-307.	5.8	76
30	Human urine-derived stem cells can be induced into osteogenic lineage by silicate bioceramics via activation of the Wnt/ β -catenin signaling pathway. <i>Biomaterials</i> , 2015, 55, 1-11.	11.4	76
31	A scaffold cell seeding method driven by surface acoustic waves. <i>Biomaterials</i> , 2007, 28, 4098-4104.	11.4	74
32	Microfluidic Colloidal Island Formation and Erasure Induced by Surface Acoustic Wave Radiation. <i>Physical Review Letters</i> , 2008, 101, 084502.	7.8	74
33	Injectable bioactive akermanite/alginate composite hydrogels for in situ skin tissue engineering. <i>Journal of Materials Chemistry B</i> , 2017, 5, 3315-3326.	5.8	73
34	An Anisotropically and Heterogeneously Aligned Patterned Electrospun Scaffold with Tailored Mechanical Property and Improved Bioactivity for Vascular Tissue Engineering. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 8706-8718.	8.0	70
35	Bioglass/alginate composite hydrogel beads as cell carriers for bone regeneration. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2014, 102, 42-51.	3.4	68
36	Fabrication of SiO ₂ wrapped polystyrene microcapsules by Pickering polymerization for self-lubricating coatings. <i>Journal of Colloid and Interface Science</i> , 2018, 528, 92-99.	9.4	68

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37	Fabrication, Characterization, and in vitro Degradation of Composite Scaffolds Based on PHBV and Bioactive Glass. <i>Journal of Biomaterials Applications</i> , 2005, 20, 137-155.	2.4	67
38	Modulating degradation of sodium alginate/bioglass hydrogel for improving tissue infiltration and promoting wound healing. <i>Bioactive Materials</i> , 2021, 6, 3692-3704.	15.6	67
39	Influence of proteins and cells on in vitro corrosion of Mg-Nd-Zn-Zr alloy. <i>Corrosion Science</i> , 2014, 85, 477-481.	6.6	65
40	High frequency acoustic cell stimulation promotes exosome generation regulated by a calcium-dependent mechanism. <i>Communications Biology</i> , 2020, 3, 553.	4.4	65
41	Effect of surface acoustic waves on the viability, proliferation and differentiation of primary osteoblast-like cells. <i>Biomicrofluidics</i> , 2009, 3, 034102.	2.4	64
42	Preparation, characterization and in vitro angiogenic capacity of cobalt substituted β -tricalcium phosphate ceramics. <i>Journal of Materials Chemistry</i> , 2012, 22, 21686.	6.7	63
43	Synthesis of novel multilayer composite microcapsules and their application in self-lubricating polymer composites. <i>Composites Science and Technology</i> , 2018, 164, 120-128.	7.8	61
44	Bioglass enhances the production of exosomes and improves their capability of promoting vascularization. <i>Bioactive Materials</i> , 2021, 6, 823-835.	15.6	61
45	Preparation and characterization of self-healing microcapsules with poly(urea-formaldehyde) grafted epoxy functional group shell. <i>Journal of Applied Polymer Science</i> , 2009, 113, 1501-1506.	2.6	59
46	Improvement of PHBV Scaffolds with Bioglass for Cartilage Tissue Engineering. <i>PLoS ONE</i> , 2013, 8, e71563.	2.5	59
47	Fabrication of Thermally Stable Polysulfone Microcapsules Containing [EMIm] ⁺ [NTf ₂] ⁻ Ionic Liquid for Enhancement of In Situ Self-Lubrication Effect of Epoxy. <i>Macromolecular Materials and Engineering</i> , 2016, 301, 1473-1481.	3.6	53
48	Macroporous poly(3-hydroxybutyrate-co-3-hydroxyvalerate) matrices for cartilage tissue engineering. <i>European Polymer Journal</i> , 2005, 41, 2443-2449.	5.4	52
49	The Role of Vascular Actors in Two Dimensional Dialogue of Human Bone Marrow Stromal Cell and Endothelial Cell for Inducing Self-Assembled Network. <i>PLoS ONE</i> , 2011, 6, e16767.	2.5	49
50	Human Urine Derived Stem Cells in Combination with β -TCP Can Be Applied for Bone Regeneration. <i>PLoS ONE</i> , 2015, 10, e0125253.	2.5	49
51	Role of neural-cadherin in early osteoblastic differentiation of human bone marrow stromal cells cocultured with human umbilical vein endothelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 299, C422-C430.	4.6	48
52	Polysulfone/SiO ₂ Hybrid Shell Microcapsules Synthesized by the Combination of Pickering Emulsification and the Solvent Evaporation Technique and Their Application in Self-Lubricating Composites. <i>Langmuir</i> , 2017, 33, 14149-14155.	3.5	47
53	Effects of Wollastonite on Proliferation and Differentiation of Human Bone Marrow-derived Stromal Cells in PHBV/Wollastonite Composite Scaffolds. <i>Journal of Biomaterials Applications</i> , 2009, 24, 231-246.	2.4	41
54	Combined chemical and structural signals of biomaterials synergistically activate cell-cell communications for improving tissue regeneration. <i>Acta Biomaterialia</i> , 2017, 55, 249-261.	8.3	41

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55	Electrospun Poly(L-Lactide) Fiber with Ginsenoside Rg3 for Inhibiting Scar Hyperplasia of Skin. PLoS ONE, 2013, 8, e68771.	2.5	41
56	Pro-chondrogenic and immunomodulatory melatonin-loaded electrospun membranes for tendon-to-bone healing. Journal of Materials Chemistry B, 2019, 7, 6564-6575.	5.8	40
57	Reversing the surface charge of MSC-derived small extracellular vesicles by μ PLA-PEG-DSPE for enhanced osteoarthritis treatment. Journal of Extracellular Vesicles, 2021, 10, e12160.	12.2	40
58	Preparation of high thermal stability polysulfone microcapsules containing lubricant oil and its tribological properties of epoxy composites. Journal of Microencapsulation, 2016, 33, 286-291.	2.8	39
59	Alginate-aker injectable composite hydrogels promoted irregular bone regeneration through stem cell recruitment and osteogenic differentiation. Journal of Materials Chemistry B, 2018, 6, 1951-1964.	5.8	38
60	Multilayer Injectable Hydrogel System Sequentially Delivers Bioactive Substances for Each Wound Healing Stage. ACS Applied Materials & Interfaces, 2020, 12, 29787-29806.	8.0	37
61	Controlled release of MSC-derived small extracellular vesicles by an injectable Diels-Alder crosslinked hyaluronic acid/PEG hydrogel for osteoarthritis improvement. Acta Biomaterialia, 2021, 128, 163-174.	8.3	37
62	Dual-Functional Coatings with Self-Lubricating and Self-Healing Properties by Combining Poly(urea-formaldehyde)/SiO ₂ Hybrid Microcapsules Containing Linseed Oil. Industrial & Engineering Chemistry Research, 2019, 58, 22032-22039.	3.7	36
63	High strength and antibacterial polyelectrolyte complex CS/HS hydrogel films for wound healing. Soft Matter, 2019, 15, 7686-7694.	2.7	34
64	Incorporation of Bioglass Improved the Mechanical Stability and Bioactivity of Alginate/Carboxymethyl Chitosan Hydrogel Wound Dressing. ACS Applied Bio Materials, 2021, 4, 1677-1692.	4.6	34
65	Fabrication and characterization of β -dicalcium silicate/poly(d,l-lactic acid) composite scaffolds. Materials Letters, 2005, 59, 2214-2218.	2.6	33
66	In vitro degradation and surface bioactivity of iron-matrix composites containing silicate-based bioceramic. Bioactive Materials, 2017, 2, 10-18.	15.6	33
67	Preparation of Tung Oil-Loaded PU/PANI Microcapsules and Synergetic Anti-Corrosion Properties of Self-Healing Epoxy Coatings. Macromolecular Materials and Engineering, 2021, 306, 2000581.	3.6	33
68	Controlled drug release from a polymer matrix by patterned electrospun nanofibers with controllable hydrophobicity. Journal of Materials Chemistry B, 2013, 1, 4182.	5.8	32
69	Influence of fluoride treatment on surface properties, biodegradation and cytocompatibility of Mg-Nd-Zn-Zr alloy. Journal of Materials Science: Materials in Medicine, 2014, 25, 791-799.	3.6	32
70	High temperature resistant polysulfone/silica double-wall microcapsules and their application in self-lubricating polypropylene. RSC Advances, 2017, 7, 50328-50335.	3.6	32
71	Synthesis and characterization of chitosan/urea-formaldehyde shell microcapsules containing dicyclopentadiene. Journal of Applied Polymer Science, 2011, 121, 2202-2212.	2.6	31
72	Smart Fiber Hydrogels with Macro-Porous Structure for Sequentially Promoting Multiple Phases of Articular Cartilage Regeneration. Advanced Functional Materials, 2022, 32, .	14.9	30

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73	Anti-Inflammatory and Prochondrogenic In Situ-Formed Injectable Hydrogel Crosslinked by Strontium-Doped Bioglass for Cartilage Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 59772-59786.	8.0	30
74	The dynamics of surface acoustic wave-driven scaffold cell seeding. <i>Biotechnology and Bioengineering</i> , 2009, 103, 387-401.	3.3	29
75	Multifunctional superparamagnetic nanoshells: combining two-photon luminescence imaging, surface-enhanced Raman scattering and magnetic separation. <i>Nanoscale</i> , 2014, 6, 14360-14370.	5.6	29
76	Effect of macrophages on <i>in vitro</i> corrosion behavior of magnesium alloy. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 2476-2487.	4.0	29
77	Bifunctional Cx43 Mimic Peptide Grafted Hyaluronic Acid Hydrogels Inhibited Tumor Recurrence and Stimulated Wound Healing for Postsurgical Tumor Treatment. <i>Advanced Functional Materials</i> , 2020, 30, 2004709.	14.9	28
78	Preparation of PU/GO hybrid wall microcapsules and their self-lubricating properties for epoxy composites. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 596, 124729.	4.7	28
79	Structural evolution and sulfuration of nickel cobalt hydroxides from 2D to 1D on 3D diatomite for supercapacitors. <i>CrystEngComm</i> , 2021, 23, 5636-5644.	2.6	26
80	A magnetic bead-mediated selective adsorption strategy for extracellular vesicle separation and purification. <i>Acta Biomaterialia</i> , 2021, 124, 336-347.	8.3	26
81	An effective strategy for preparing macroporous and self-healing bioactive hydrogels for cell delivery and wound healing. <i>Chemical Engineering Journal</i> , 2021, 425, 130677.	12.7	26
82	Polyurea/polyaniline hybrid shell microcapsules loaded with isophorone diisocyanate for synergetic self-healing coatings. <i>Progress in Organic Coatings</i> , 2020, 145, 105684.	3.9	25
83	Applications of extracellular vesicles in tissue regeneration. <i>Biomicrofluidics</i> , 2020, 14, 011501.	2.4	24
84	In vitro biocompatibility assessment of PHBV/Wollastonite composites. <i>Journal of Materials Science: Materials in Medicine</i> , 2008, 19, 67-73.	3.6	23
85	Bioglass enhanced wound healing ability of urine-derived stem cells through promoting paracrine effects between stem cells and recipient cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e1609-e1622.	2.7	23
86	PHBV/bioglass composite scaffolds with co-cultures of endothelial cells and bone marrow stromal cells improve vascularization and osteogenesis for bone tissue engineering. <i>RSC Advances</i> , 2017, 7, 22197-22207.	3.6	22
87	Ultralow Tribological Properties of Polymer Composites Containing [BMIm]PF ₆ -Loaded Multilayer Wall Microcapsule. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1800791.	3.6	21
88	Local intramyocardial delivery of bioglass with alginate hydrogels for post-infarct myocardial regeneration. <i>Biomedicine and Pharmacotherapy</i> , 2020, 129, 110382.	5.6	21
89	Tough hydrogels with tunable soft and wet interfacial adhesion. <i>Polymer Testing</i> , 2021, 93, 106976.	4.8	21
90	45S5 Bioglass® works synergistically with siRNA to downregulate the expression of matrix metalloproteinase-9 in diabetic wounds. <i>Acta Biomaterialia</i> , 2022, 145, 372-389.	8.3	21

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91	uPA and MMPâ€2 were involved in selfâ€assembled network formation in a two dimensional coâ€culture model of bone marrow stromal cells and endothelial cells. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 650-657.	2.6	20
92	Multiple Hydrogen Bondsâ€Reinforced Hydrogels with High Strength, Shape Memory, and Adsorption Antiâ€Inflammatory Molecules. <i>Macromolecular Rapid Communications</i> , 2020, 41, e2000202.	3.9	20
93	Surface Modification of Poly(urea-formaldehyde) Microcapsules and the Effect on the Epoxy Composites Performance. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2010, 47, 991-995.	2.2	19
94	Macrophage phagocytosis of biomedical Mg alloy degradation products prepared by electrochemical method. <i>Materials Science and Engineering C</i> , 2017, 75, 1178-1183.	7.3	19
95	The stimulation of osteogenic differentiation of embryoid bodies from human induced pluripotent stem cells by akermanite bioceramics. <i>Journal of Materials Chemistry B</i> , 2016, 4, 2369-2376.	5.8	18
96	Enhancement of rotator cuff tendonâ€bone healing using combined aligned electrospun fibrous membranes and kartogenin. <i>RSC Advances</i> , 2019, 9, 15582-15592.	3.6	18
97	Bioceramic akermanite enhanced vascularization and osteogenic differentiation of human induced pluripotent stem cells in 3D scaffolds in vitro and vivo. <i>RSC Advances</i> , 2019, 9, 25462-25470.	3.6	17
98	Bioactive injectable polymethylmethacrylate/silicate bioceramic hybrid cements for percutaneous vertebroplasty and kyphoplasty. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 96, 125-135.	3.1	17
99	Injectable Quercetin-Loaded Hydrogel with Cartilage-Protection and Immunomodulatory Properties for Articular Cartilage Repair. <i>ACS Applied Bio Materials</i> , 2020, 3, 761-771.	4.6	17
100	Preparation of smart coatings with self-healing and anti-wear properties by embedding PU-fly ash absorbing linseed oil microcapsules. <i>Progress in Organic Coatings</i> , 2020, 145, 105668.	3.9	17
101	Preparation of linseed oil-loaded porous glass bubble/wax microcapsules for corrosion- and wear-resistant difunctional coatings. <i>Chemical Engineering Journal</i> , 2022, 437, 135403.	12.7	17
102	The Preparation of Dendritic Nickel Complex and Performance Evaluation in the Oligomerization of Ethylene. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2013, 50, 163-167.	2.2	14
103	Super Bulk and Interfacial Toughness of Amylopectin Reinforced PAAm/PVA Doubleâ€Network Hydrogels via Multiple Hydrogen Bonds. <i>Macromolecular Materials and Engineering</i> , 2020, 305, 1900450.	3.6	14
104	Biomaterials affect cell-cell interactions in vitro in tissue engineering. <i>Journal of Materials Science and Technology</i> , 2021, 63, 62-72.	10.7	14
105	Calcium silicate enhances immunosuppressive function of MSCs to indirectly modulate the polarization of macrophages. <i>International Journal of Energy Production and Management</i> , 2021, 8, rbab056.	3.7	14
106	Regulating the production and biological function of small extracellular vesicles: current strategies, applications and prospects. <i>Journal of Nanobiotechnology</i> , 2021, 19, 422.	9.1	13
107	Preparation of BTA@PDA/PANI microcapsules and anti-corrosion performance of self-healing epoxy coatings on low carbon steel. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 649, 129481.	4.7	12
108	Combined biomaterial signals stimulate communications between bone marrow stromal cell and endothelial cell. <i>RSC Advances</i> , 2017, 7, 5306-5314.	3.6	11

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109	Bioglass could increase cell membrane fluidity with ion products to develop its bioactivity. Cell Proliferation, 2020, 53, e12906.	5.3	11
110	Microcapsules Prepared via Pickering Emulsion Polymerization for Multifunctional Coatings. Progress in Organic Coatings, 2020, 147, 105785.	3.9	11
111	Sodium alginate-bioglass-encapsulated hAECs restore ovarian function in premature ovarian failure by stimulating angiogenic factor secretion. Stem Cell Research and Therapy, 2021, 12, 223.	5.5	11
112	Preparation of macroporous polymer scaffolds using calcined cancellous bone as a template. Journal of Biomaterials Science, Polymer Edition, 2005, 16, 575-584.	3.5	10
113	Programmed Transformations of Strong Polyvinyl Alcohol/Sodium Alginate Hydrogels via Ionic Crosslink Lithography. Macromolecular Rapid Communications, 2020, 41, 2000127.	3.9	10
114	Macrophages activated by akermanite/alginate composite hydrogel stimulate migration of bone marrow-derived mesenchymal stem cells. Biomedical Materials (Bristol), 2021, 16, 045004.	3.3	10
115	Preparation of double-walled polysulfone/graphene oxide microcapsules with high thermal stability and their application in self-lubricating polyamide. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 635, 128111.	4.7	10
116	Eliminating the original cargos of glioblastoma cell-derived small extracellular vesicles for efficient drug delivery to glioblastoma with improved biosafety. Bioactive Materials, 2022, 16, 204-217.	15.6	10
117	Tetrandrine inhibits the occurrence and development of frozen shoulder by inhibiting inflammation, angiogenesis, and fibrosis. Biomedicine and Pharmacotherapy, 2021, 140, 111700.	5.6	9
118	Synergetic stimulation of nanostructure and chemistry cues on behaviors of fibroblasts and endothelial cells. Colloids and Surfaces B: Biointerfaces, 2017, 160, 500-509.	5.0	8
119	TiO ₂ Nanotubes Enhance Vascularization and Osteogenic Differentiation Through Stimulating Interactions Between Bone Marrow Stromal Cells and Endothelial Cells. Journal of Biomedical Nanotechnology, 2018, 14, 765-777.	1.1	7
120	Bioglass for skin regeneration. , 2019, , 225-250.		7
121	Surface functionalized carbon nanofibers and their effect on the dispersion and tribological property of epoxy nanocomposites. Journal Wuhan University of Technology, Materials Science Edition, 2016, 31, 1219-1225.	1.0	6
122	Interfacial adhesion and water resistance of stainless steel“polyolefin improved by functionalized silane. Polymer Engineering and Science, 2019, 59, 1866-1873.	3.1	6
123	Bioactive calcium silicate extracts regulate the morphology and stemness of human embryonic stem cells at the initial stage. RSC Advances, 2016, 6, 104666-104674.	3.6	5
124	Preparation of microcapsules containing double-component lubricant and self-lubricating performance of polymer composites. Materials Research Express, 2018, 5, 055302.	1.6	5
125	Small extracellular vesicles secreted by urine-derived stem cells enhanced wound healing in aged mice by ameliorating cellular senescence. Journal of Materials Science and Technology, 2021, 63, 216-227.	10.7	5
126	Toughening Self-healing Epoxy Resin by Addition of Microcapsules. Polymers and Polymer Composites, 2011, 19, 223-226.	1.9	4

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127	Superparamagnetic plasmonic nanoshells for improved imaging, separation and seeding of co-cultured cells. <i>Journal of Materials Chemistry B</i> , 2015, 3, 7787-7795.	5.8	4
128	Preparation and characterization of self-healing poly (urea-formaldehyde) microcapsules. , 2007, , .		3
129	Application of hydrophobic coatings in biodegradable devices. <i>Bio-Medical Materials and Engineering</i> , 2015, 25, 77-88.	0.6	3
130	Juxtamembrane 2 mimic peptide competitively inhibits mitochondrial trafficking and activates ROS-mediated apoptosis pathway to exert anti-tumor effects. <i>Cell Death and Disease</i> , 2022, 13, 264.	6.3	2
131	Nanoparticle patterning in a microfluidic drop induced by surface acoustic waves. , 2009, , .		1