

Haiyan Li

List of Publications by Year in descending order

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131
papers

7,167
citations

44069

48
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64796

79
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133
all docs

133
docs citations

133
times ranked

7912
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of double-walled polysulfone/graphene oxide microcapsules with high thermal stability and their application in self-lubricating polyamide. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 635, 128111.	4.7	10
2	Smart Fiber Hydrogels with MacroPorous Structure for Sequentially Promoting Multiple Phases of Articular Cartilage Regeneration. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	30
3	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
4	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
5	Eliminating the original cargos of glioblastoma cell-derived small extracellular vesicles for efficient drug delivery to glioblastoma with improved biosafety. <i>Bioactive Materials</i> , 2022, 16, 204-217.	15.6	10
6	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
7	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
8	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
9	Small extracellular vesicles secreted by urine-derived stem cells enhanced wound healing in aged mice by ameliorating cellular senescence. <i>Journal of Materials Science and Technology</i> , 2021, 63, 216-227.	10.7	5
10	Bioglass enhances the production of exosomes and improves their capability of promoting vascularization. <i>Bioactive Materials</i> , 2021, 6, 823-835.	15.6	61
11	Tough hydrogels with tunable soft and wet interfacial adhesion. <i>Polymer Testing</i> , 2021, 93, 106976.	4.8	21
12	Preparation of Tung Oil-Loaded PU/PANI Microcapsules and Synergetic AntiCorrosion Properties of Self-Healing Epoxy Coatings. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2000581.	3.6	33
13	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
14	Incorporation of Bioglass Improved the Mechanical Stability and Bioactivity of Alginate/Carboxymethyl Chitosan Hydrogel Wound Dressing. <i>ACS Applied Bio Materials</i> , 2021, 4, 1677-1692.	4.6	34
15	Macrophages activated by akermanite/alginate composite hydrogel stimulate migration of bone marrow-derived mesenchymal stem cells. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 045004.	3.3	10
16	A magnetic bead-mediated selective adsorption strategy for extracellular vesicle separation and purification. <i>Acta Biomaterialia</i> , 2021, 124, 336-347.	8.3	26
17	Sodium alginate-bioglass-encapsulated hAECs restore ovarian function in premature ovarian failure by stimulating angiogenic factor secretion. <i>Stem Cell Research and Therapy</i> , 2021, 12, 223.	5.5	11
18	Controlled release of MSC-derived small extracellular vesicles by an injectable Diels-Alder crosslinked hyaluronic acid/PEG hydrogel for osteoarthritis improvement. <i>Acta Biomaterialia</i> , 2021, 128, 163-174.	8.3	37

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19	Tetrandrine inhibits the occurrence and development of frozen shoulder by inhibiting inflammation, angiogenesis, and fibrosis. <i>Biomedicine and Pharmacotherapy</i> , 2021, 140, 111700.	5.6	9
20	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
21	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
22	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
23	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
24	Reversing the surface charge of MSC-derived small extracellular vesicles by PL-PEG-SPE for enhanced osteoarthritis treatment. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12160.	12.2	40
25	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
26	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
27	Super Bulk and Interfacial Toughness of Amylopectin Reinforced PAAm/PVA Double Network Hydrogels via Multiple Hydrogen Bonds. <i>Macromolecular Materials and Engineering</i> , 2020, 305, 1900450.	3.6	14
28	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
29	Bioglass could increase cell membrane fluidity with ion products to develop its bioactivity. <i>Cell Proliferation</i> , 2020, 53, e12906.	5.3	11
30	High frequency acoustic cell stimulation promotes exosome generation regulated by a calcium-dependent mechanism. <i>Communications Biology</i> , 2020, 3, 553.	4.4	65
31	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
32	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
33	Programmed Transformations of Strong Polyvinyl Alcohol/Sodium Alginate Hydrogels via Ionic Crosslink Lithography. <i>Macromolecular Rapid Communications</i> , 2020, 41, 2000127.	3.9	10
34	Microcapsules Prepared via Pickering Emulsion Polymerization for Multifunctional Coatings. <i>Progress in Organic Coatings</i> , 2020, 147, 105785.	3.9	11
35	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
36	Multiple Hydrogen Bonds-Reinforced Hydrogels with High Strength, Shape Memory, and Adsorption Anti-Inflammatory Molecules. <i>Macromolecular Rapid Communications</i> , 2020, 41, e2000202.	3.9	20

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37	Modulation of macrophages by bioactive glass/sodium alginate hydrogel is crucial in skin regeneration enhancement. <i>Biomaterials</i> , 2020, 256, 120216.	11.4	128
38	Multilayer Injectable Hydrogel System Sequentially Delivers Bioactive Substances for Each Wound Healing Stage. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 29787-29806.	8.0	37
39	Local intramyocardial delivery of bioglass with alginate hydrogels for post-infarct myocardial regeneration. <i>Biomedicine and Pharmacotherapy</i> , 2020, 129, 110382.	5.6	21
40	Applications of extracellular vesicles in tissue regeneration. <i>Biomicrofluidics</i> , 2020, 14, 011501.	2.4	24
41	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
42	Bioglass for skin regeneration. , 2019, , 225-250.		7
43	Interfacial adhesion and water resistance of stainless steelâ€“polyolefin improved by functionalized silane. <i>Polymer Engineering and Science</i> , 2019, 59, 1866-1873.	3.1	6
44	High strength and antibacterial polyelectrolyte complex CS/HS hydrogel films for wound healing. <i>Soft Matter</i> , 2019, 15, 7686-7694.	2.7	34
45	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
46	Embryonic Stem Cellsâ€“Derived Exosomes Endowed with Targeting Properties as Chemotherapeutics Delivery Vehicles for Glioblastoma Therapy. <i>Advanced Science</i> , 2019, 6, 1801899.	11.2	182
47	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
48	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
49	Ultralow Tribological Properties of Polymer Composites Containing [BMIm]PF ₆ â€“loaded Multilayer Wall Microcapsule. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1800791.	3.6	21
50	Dual-Functional Coatings with Self-Lubricating and Self-Healing Properties by Combining Poly(ureaâ€“formaldehyde)/SiO ₂ Hybrid Microcapsules Containing Linseed Oil. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 22032-22039.	3.7	36
51	Pro-chondrogenic and immunomodulatory melatonin-loaded electrospun membranes for tendon-to-bone healing. <i>Journal of Materials Chemistry B</i> , 2019, 7, 6564-6575.	5.8	40
52	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
53	An injectable continuous stratified structurally and functionally biomimetic construct for enhancing osteochondral regeneration. <i>Biomaterials</i> , 2019, 192, 149-158.	11.4	107
54	Alginate-aker injectable composite hydrogels promoted irregular bone regeneration through stem cell recruitment and osteogenic differentiation. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1951-1964.	5.8	38

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55	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
56	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
57	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
58	TiO ₂ Nanotubes Enhance Vascularization and Osteogenic Differentiation Through Stimulating Interactions Between Bone Marrow Stromal Cells and Endothelial Cells. <i>Journal of Biomedical Nanotechnology</i> , 2018, 14, 765-777.	1.1	7
59	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
60	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
61	Preparation of microcapsules containing double-component lubricant and self-lubricating performance of polymer composites. <i>Materials Research Express</i> , 2018, 5, 055302.	1.6	5
62	Bioactive Injectable Hydrogels Containing Desferrioxamine and Bioglass for Diabetic Wound Healing. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 30103-30114.	8.0	165
63	In vitro degradation and surface bioactivity of iron-matrix composites containing silicate-based bioceramic. <i>Bioactive Materials</i> , 2017, 2, 10-18.	15.6	33
64	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
65	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
66	Combined biomaterial signals stimulate communications between bone marrow stromal cell and endothelial cell. <i>RSC Advances</i> , 2017, 7, 5306-5314.	3.6	11
67	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
68	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
69	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
70	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
71	Synergetic stimulation of nanostructure and chemistry cues on behaviors of fibroblasts and endothelial cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 160, 500-509.	5.0	8
72	High temperature resistant polysulfone/silica double-wall microcapsules and their application in self-lubricating polypropylene. <i>RSC Advances</i> , 2017, 7, 50328-50335.	3.6	32

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73	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
74	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
75	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
76	Surface functionalized carbon nanofibers and their effect on the dispersion and tribological property of epoxy nanocomposites. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2016, 31, 1219-1225.	1.0	6
77	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
78	Bioactive calcium silicate extracts regulate the morphology and stemness of human embryonic stem cells at the initial stage. <i>RSC Advances</i> , 2016, 6, 104666-104674.	3.6	5
79	Preparation of high thermal stability polysulfone microcapsules containing lubricant oil and its tribological properties of epoxy composites. <i>Journal of Microencapsulation</i> , 2016, 33, 286-291.	2.8	39
80	Bioglass promotes wound healing by affecting gap junction connexin 43 mediated endothelial cell behavior. <i>Biomaterials</i> , 2016, 84, 64-75.	11.4	114
81	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
82	Bioglass Activated Skin Tissue Engineering Constructs for Wound Healing. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 703-715.	8.0	180
83	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
84	Application of hydrophobic coatings in biodegradable devices. <i>Bio-Medical Materials and Engineering</i> , 2015, 25, 77-88.	0.6	3
85	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
86	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
87	Design of a thermosensitive bioglass/agarose-alginate composite hydrogel for chronic wound healing. <i>Journal of Materials Chemistry B</i> , 2015, 3, 8856-8864.	5.8	87
88	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
89	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
90	Influence of fluoride treatment on surface properties, biodegradation and cytocompatibility of Mg-Nd-Zr alloy. <i>Journal of Materials Science: Materials in Medicine</i> , 2014, 25, 791-799.	3.6	32

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91	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
92	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
93	Silicate bioceramics enhanced vascularization and osteogenesis through stimulating interactions between endothelial cells and bone marrow stromal cells. <i>Biomaterials</i> , 2014, 35, 3803-3818.	11.4	216
94	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
95	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
96	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
97	Stimulation of proangiogenesis by calcium silicate bioactive ceramic. <i>Acta Biomaterialia</i> , 2013, 9, 5379-5389.	8.3	203
98	uPA and MMP-2 were involved in self-assembled network formation in a two dimensional co-culture model of bone marrow stromal cells and endothelial cells. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 650-657.	2.6	20
99	Controlled drug release from a polymer matrix by patterned electrospun nanofibers with controllable hydrophobicity. <i>Journal of Materials Chemistry B</i> , 2013, 1, 4182.	5.8	32
100	Enhanced osteoporotic bone regeneration by strontium-substituted calcium silicate bioactive ceramics. <i>Biomaterials</i> , 2013, 34, 10028-10042.	11.4	311
101	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
102	Improvement of PHBV Scaffolds with Bioglass for Cartilage Tissue Engineering. <i>PLoS ONE</i> , 2013, 8, e71563.	2.5	59
103	Electrospun Poly(L-Lactide) Fiber with Ginsenoside Rg3 for Inhibiting Scar Hyperplasia of Skin. <i>PLoS ONE</i> , 2013, 8, e68771.	2.5	41
104	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
105	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
106	Toughening Self-healing Epoxy Resin by Addition of Microcapsules. <i>Polymers and Polymer Composites</i> , 2011, 19, 223-226.	1.9	4
107	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
108	Synthesis and characterization of chitosan/urea-formaldehyde shell microcapsules containing dicyclopentadiene. <i>Journal of Applied Polymer Science</i> , 2011, 121, 2202-2212.	2.6	31

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109	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
110	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
111	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
112	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
113	Nanoparticle patterning in a microfluidic drop induced by surface acoustic waves. , 2009, , .		1
114	The dynamics of surface acoustic wave-driven scaffold cell seeding. <i>Biotechnology and Bioengineering</i> , 2009, 103, 387-401.	3.3	29
115	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
116	In vitro biocompatibility assessment of PHBV/Wollastonite composites. <i>Journal of Materials Science: Materials in Medicine</i> , 2008, 19, 67-73.	3.6	23
117	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
118	Microfluidic Colloidal Island Formation and Erasure Induced by Surface Acoustic Wave Radiation. <i>Physical Review Letters</i> , 2008, 101, 084502.	7.8	74
119	Preparation and characterization of self-healing poly (urea-formaldehyde) microcapsules. , 2007, , .		3
120	Surface acoustic wave concentration of particle and bioparticle suspensions. <i>Biomedical Microdevices</i> , 2007, 9, 647-656.	2.8	191
121	A scaffold cell seeding method driven by surface acoustic waves. <i>Biomaterials</i> , 2007, 28, 4098-4104.	11.4	74
122	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
123	Macroporous poly(3-hydroxybutyrate-co-3-hydroxyvalerate) matrices for cartilage tissue engineering. <i>European Polymer Journal</i> , 2005, 41, 2443-2449.	5.4	52
124	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
125	Fabrication and characterization of β -dicalcium silicate/poly(d,l-lactic acid) composite scaffolds. <i>Materials Letters</i> , 2005, 59, 2214-2218.	2.6	33
126	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

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127	in vitro Evaluation of Biodegradable Poly(butylene succinate) as a Novel Biomaterial. <i>Macromolecular Bioscience</i> , 2005, 5, 433-440.	4.1	133
128	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
129	Preparation of macroporous polymer scaffolds using calcined cancellous bone as a template. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2005, 16, 575-584.	3.5	10
130	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
131	Fabrication and characterization of bioactive wollastonite/PHBV composite scaffolds. <i>Biomaterials</i> , 2004, 25, 5473-5480.	11.4	158