

Li Ren

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

172
papers

4,878
citations

39
h-index

60
g-index

177
ext. papers

5,675
ext. citations

5.7
avg, IF

5.7
L-index

#	Paper	IF	Citations
172	Effect of Post-Treatment on Mechanical and Biological Properties of Coaxial Electrospun CoreShell Structured Poly(lactic-co-glycolic acid)/Gelatin Methacrylamide Fibrous Scaffolds. <i>ACS Applied Polymer Materials</i> , 2022 , 4, 987-998	4.3	
171	State predictive control of modular SMES magnet based on deep reinforcement learning. <i>IEEE Transactions on Applied Superconductivity</i> , 2022 , 1-1	1.8	0
170	Hydroxyapatite gradient on poly (vinyl alcohol) hydrogels surface to mimic calcified cartilage zone for cartilage repair.. <i>Journal of Biomaterials Applications</i> , 2022 , 8853282211073854	2.9	0
169	Controllable polyvinylpyrrolidone modified Polystyrene divinylbenzene for efficient adsorption of bilirubin and improvement of hemocompatibility. <i>European Polymer Journal</i> , 2022 , 170, 111172	5.2	3
168	Overview of Superconducting Magnetic Energy Storage Technology 2022 , 99-112		
167	Polymyxin B engineered polystyrene-divinylbenzene microspheres for the adsorption of bilirubin and endotoxin.. <i>RSC Advances</i> , 2021 , 11, 39978-39984	3.7	3
166	Biomimetic cartilage-lubricating polymers regenerate cartilage in rats with early osteoarthritis. <i>Nature Biomedical Engineering</i> , 2021 , 5, 1189-1201	19	15
165	Visualizing phase transition of upper critical solution temperature (UCST) polymers with AIE. <i>Science China Chemistry</i> , 2021 , 64, 403-407	7.9	8
164	Study on Energy Storage Magnet State Assessment Method Considering Temperature Rise. <i>IEEE Transactions on Applied Superconductivity</i> , 2021 , 31, 1-11	1.8	2
163	Photo-triggered Zn ²⁺ release for the regulation of zinc enzymes. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 1824-1829	7.8	
162	Analysis of Overcurrent Performance of YBCO Tape Considering Different Heat Exchange Conductions. <i>IEEE Transactions on Applied Superconductivity</i> , 2021 , 1-1	1.8	3
161	A Simplified 2D Modeling Method for Electromagnetic Analysis of HTS Power Transmission Cable Spiraled With Coated Conductors. <i>IEEE Transactions on Applied Superconductivity</i> , 2021 , 31, 1-6	1.8	2
160	Photo-crosslinked GelMA/collagen membrane loaded with lysozyme as an antibacterial corneal implant. <i>International Journal of Biological Macromolecules</i> , 2021 , 191, 1006-1016	7.9	3
159	Preparation of collagen/cellulose nanocrystals composite films and their potential applications in corneal repair. <i>Journal of Materials Science: Materials in Medicine</i> , 2020 , 31, 55	4.5	8
158	Polycaprolactone/calcium sulfate whisker/barium titanate piezoelectric ternary composites for tissue reconstruction. <i>Advanced Composites Letters</i> , 2020 , 29, 2633366X1989792	1.2	1
157	Construction and Evaluation of Collagen-Based Corneal Grafts Using Polycaprolactone To Improve Tension Stress. <i>ACS Omega</i> , 2020 , 5, 674-682	3.9	9
156	AIE-Based Theranostic Probe for Sequential Imaging and Killing of Bacteria and Cancer Cells. <i>Advanced Optical Materials</i> , 2020 , 8, 1902191	8.1	16

155	One-pot quaternization of dual-responsive poly(vinyl alcohol) with AIEgens for pH-switchable imaging and killing of bacteria. <i>Materials Chemistry Frontiers</i> , 2020 , 4, 2635-2645	7.8	7
154	Glycopolymers Made from Polyrotaxanes Terminated with Bile Acids: Preparation, Self-Assembly, and Targeting Delivery. <i>Macromolecular Bioscience</i> , 2019 , 19, e1800478	5.5	3
153	Progress in self-healing hydrogels assembled by host-guest interactions: preparation and biomedical applications. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 1637-1651	7.3	62
152	Air-In-Water Emulsion Solely Stabilized by Gelatin Methacryloyl and Templating for Macroporous Nanocomposite Hydrogels. <i>Macromolecular Chemistry and Physics</i> , 2019 , 220, 1800500	2.6	5
151	Superhydrophobic hierarchical fiber/bead composite membranes for efficient treatment of burns. <i>Acta Biomaterialia</i> , 2019 , 92, 60-70	10.8	33
150	Integrated design method for superconducting magnetic energy storage considering the high frequency pulse width modulation pulse voltage on magnet. <i>Applied Energy</i> , 2019 , 248, 1-17	10.7	20
149	Mechanistic Insights and Rational Design of a Versatile Surface with Cells/Bacteria Recognition Capability via Orientated Fusion Peptides. <i>Advanced Science</i> , 2019 , 6, 1801827	13.6	9
148	Quadruple hydrogen bonds and thermo-triggered hydrophobic interactions generate dynamic hydrogels to modulate transplanted cell retention. <i>Biomaterials Science</i> , 2019 , 7, 1286-1298	7.4	25
147	Mechanical and Optical Properties of Reinforced Collagen Membranes for Corneal Regeneration through Polyrotaxane Cross-Linking.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 3861-3869	4.1	7
146	TiO and PEEK Reinforced 3D Printing PMMA Composite Resin for Dental Denture Base Applications. <i>Nanomaterials</i> , 2019 , 9,	5.4	33
145	Study on Quenching Characteristics and Resistance Equivalent Estimation Method of Second-Generation High Temperature Superconducting Tape under Different Overcurrent. <i>Materials</i> , 2019 , 12,	3.5	27
144	Responsive Polypseudorotaxane Hydrogels Triggered by a Compatible Stimulus of CO ₂ . <i>Macromolecular Chemistry and Physics</i> , 2019 , 220, 1900071	2.6	4
143	AIE-Active and Thermo-responsive Alternating Polyurethanes of Bile Acid and PEG for Cell Imaging. <i>ACS Applied Polymer Materials</i> , 2019 , 1, 2973-2980	4.3	7
142	Engineering topography: Effects on corneal cell behavior and integration into corneal tissue engineering. <i>Bioactive Materials</i> , 2019 , 4, 293-302	16.7	15
141	Determinants of Developing Stroke Among Low-Income, Rural Residents: A 27-Year Population-Based, Prospective Cohort Study in Northern China. <i>Frontiers in Neurology</i> , 2019 , 10, 57	4.1	3
140	Supramolecular and dynamic covalent hydrogel scaffolds: from gelation chemistry to enhanced cell retention and cartilage regeneration. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 6705-6736	7.3	34
139	Microgrooved collagen-based corneal scaffold for promoting collective cell migration and antifibrosis.. <i>RSC Advances</i> , 2019 , 9, 29463-29473	3.7	6
138	An intelligent material for tissue reconstruction: The piezoelectric property of polycaprolactone/barium titanate composites. <i>Materials Letters</i> , 2019 , 236, 686-689	3.3	20

137	Heterogeneous carbon/N-doped reduced graphene oxide wrapping LiMn _{0.8} Fe _{0.2} PO ₄ composite for higher performance of lithium ion batteries. <i>Applied Surface Science</i> , 2019 , 476, 513-520	6.7	14
136	Collagen-based materials combined with microRNA for repairing cornea wounds and inhibiting scar formation. <i>Biomaterials Science</i> , 2018 , 7, 51-62	7.4	15
135	Crystalline Bilayer Graphene with Preferential Stacking from Ni-Cu Gradient Alloy. <i>ACS Nano</i> , 2018 , 12, 2275-2282	16.7	32
134	Aggregation-Induced Emission Probe for Light-Up and in Situ Detection of Calcium Ions at High Concentration. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 14410-14417	9.5	44
133	Sorafenib-loaded polymeric micelles as passive targeting therapeutic agents for hepatocellular carcinoma therapy. <i>Nanomedicine</i> , 2018 , 13, 1009-1023	5.6	19
132	Collagen-Hydroxypropyl Methylcellulose Membranes for Corneal Regeneration. <i>ACS Omega</i> , 2018 , 3, 1269-1275	3.9	14
131	Self-Healing Hydrogels of Low Molecular Weight Poly(vinyl alcohol) Assembled by Host-Guest Recognition. <i>Biomacromolecules</i> , 2018 , 19, 626-632	6.9	48
130	Weak Hydrogen Bonds Lead to Self-Healable and Bioadhesive Hybrid Polymeric Hydrogels with Mineralization-Active Functions. <i>Biomacromolecules</i> , 2018 , 19, 1939-1949	6.9	30
129	Aggregation-Induced Emission Probe for Study of the Bactericidal Mechanism of Antimicrobial Peptides. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 11436-11442	9.5	56
128	β-Cyclodextrins Polyrotaxane Loading Silver Sulfadiazine. <i>Polymers</i> , 2018 , 10,	4.5	3
127	Prevalence of and Risk Factors for Cognitive Impairment Among Elderly Without Cardio- and Cerebrovascular Diseases: A Population-Based Study in Rural China. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 62	5.3	22
126	The mouse autonomic nervous system modulates inflammation and epithelial renewal after corneal abrasion through the activation of distinct local macrophages. <i>Mucosal Immunology</i> , 2018 , 11, 1496-1511	9.2	21
125	Correlation between hypertension and common carotid artery intima-media thickness in rural China: a population-based study. <i>Journal of Human Hypertension</i> , 2018 , 32, 548-554	2.6	10
124	Graphene Oxide Hybrid Supramolecular Hydrogels with Self-Healable, Bioadhesive and Stimuli-Responsive Properties and Drug Delivery Application. <i>Macromolecular Materials and Engineering</i> , 2018 , 303, 1700660	3.9	30
123	Antimicrobial colloidal hydrogels assembled by graphene oxide and thermo-sensitive nanogels for cell encapsulation. <i>Journal of Colloid and Interface Science</i> , 2018 , 513, 314-323	9.3	20
122	Immobilization of an antimicrobial peptide on silicon surface with stable activity by click chemistry. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 68-74	7.3	38
121	Carboxylic acid-functionalized TiO ₂ nanoparticle-loaded PMMA/PEEK copolymer matrix as a dental resin for 3D complete denture manufacturing by stereolithographic technique. <i>International Journal of Food Properties</i> , 2018 , 21, 2557-2565	3	11
120	A Study of 3D-Printable Reinforced Composite Resin: PMMA Modified with Silver Nanoparticles Loaded Cellulose Nanocrystal. <i>Materials</i> , 2018 , 11,	3.5	31

119	Temperature-Controlled Reversible Exposure and Hiding of Antimicrobial Peptides on an Implant for Killing Bacteria at Room Temperature and Improving Biocompatibility in Vivo. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 35830-35837	9.5	21
118	Biowheel-Axle Assembly of Cyclodextrin Fitted onto Bile Acid Units Linked by PEG Spacers through Inclusion Polymerization. <i>Macromolecules</i> , 2018 , 51, 8455-8460	5.5	7
117	Mitochondria- and Lysosomes-Targeted Synergistic Chemo-Photodynamic Therapy Associated with Self-Monitoring by Dual Light-Up Fluorescence. <i>Advanced Functional Materials</i> , 2018 , 28, 1804362	15.6	62
116	Detection of Sub-fM DNA with Target Recycling and Self-Assembly Amplification on Graphene Field-Effect Biosensors. <i>Nano Letters</i> , 2018 , 18, 3509-3515	11.5	53
115	Functionalization of composite bacterial cellulose with C nanoparticles for wound dressing and cancer therapy.. <i>RSC Advances</i> , 2018 , 8, 18197-18203	3.7	21
114	An antibacterial collagen membrane crosslinked by the inclusion complex of Cyclodextrin dialdehyde and ofloxacin for bacterial keratitis.. <i>RSC Advances</i> , 2018 , 8, 18153-18162	3.7	6
113	"Bitter-Sweet" Polymeric Micelles Formed by Block Copolymers from Glucosamine and Cholic Acid. <i>Biomacromolecules</i> , 2017 , 18, 778-786	6.9	25
112	Improvement of Uveal and Capsular Biocompatibility of Hydrophobic Acrylic Intraocular Lens by Surface Grafting with 2-Methacryloyloxyethyl Phosphorylcholine-Methacrylic Acid Copolymer. <i>Scientific Reports</i> , 2017 , 7, 40462	4.9	15
111	Symmetrically Substituted Xanthone Amphiphiles Combat Gram-Positive Bacterial Resistance with Enhanced Membrane Selectivity. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 1362-1378	8.3	55
110	A novel antibacterial cellulose based biomaterial for hernia mesh applications. <i>RSC Advances</i> , 2017 , 7, 11601-11607	3.7	6
109	Preparation of an antimicrobial surface by direct assembly of antimicrobial peptide with its surface binding activity. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 2407-2415	7.3	18
108	AIE luminogen-functionalised mesoporous silica nanoparticles as nanotheranostic agents for imaging guided synergetic chemo-/photothermal therapy. <i>Inorganic Chemistry Frontiers</i> , 2017 , 4, 833-839	6.8	13
107	Thermoresponsive Self-Assembled Cyclodextrin-Modified Surface for Blood Purification. <i>ACS Biomaterials Science and Engineering</i> , 2017 , 3, 1083-1091	5.5	7
106	Copper-Catalyzed Click Reaction on/in Live Cells. <i>Chemical Science</i> , 2017 , 8, 2107-2114	9.4	74
105	Glucosamine-modified polyethylene glycol hydrogel-mediated chondrogenic differentiation of human mesenchymal stem cells. <i>Materials Science and Engineering C</i> , 2017 , 79, 661-670	8.3	25
104	Semisynthetic Flavone-Derived Antimicrobials with Therapeutic Potential against Methicillin-Resistant Staphylococcus aureus (MRSA). <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 6152-6165	8.3	48
103	To prepare the collagen-based artificial cornea with improved mechanical and biological property by ultraviolet-A/riboflavin crosslinking. <i>Journal of Applied Polymer Science</i> , 2017 , 134, 45226	2.9	7
102	High internal phase emulsions stabilised by supramolecular cellulose nanocrystals and their application as cell-adhesive macroporous hydrogel monoliths. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 2671-2678	7.3	91

101	DR1-MOG-35-55 treatment reduces lesion volumes and improves neurological deficits after traumatic brain injury. <i>Metabolic Brain Disease</i> , 2017 , 32, 1395-1402	3.9	12
100	Plasma graft of poly(ethylene glycol) methyl ether methacrylate (PEGMA) on RGP lens surface for reducing protein adsorption. <i>Plasma Science and Technology</i> , 2017 , 19, 015501	1.5	
99	A novel glucosamine derivative with low cytotoxicity enhances chondrogenic differentiation of ATDC5. <i>Journal of Materials Science: Materials in Medicine</i> , 2017 , 28, 170	4.5	3
98	Collagen membranes crosslinked by Cyclodextrin polyrotaxane monoaldehyde with good biocompatibilities and repair capabilities for cornea repair. <i>RSC Advances</i> , 2017 , 7, 28865-28875	3.7	10
97	Semisynthesis and Biological Evaluation of Xanthone Amphiphilics as Selective, Highly Potent Antifungal Agents to Combat Fungal Resistance. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 10135-10150	8.3	22
96	Hierarchical and reversible assembly of graphene oxide/polyvinyl alcohol hybrid stabilized Pickering emulsions and their templating for macroporous composite hydrogels. <i>Carbon</i> , 2017 , 111, 38-47	10.4	37
95	Graphene oxide/PVA inorganic/organic interpenetrating hydrogels with excellent mechanical properties and biocompatibility. <i>Carbon</i> , 2017 , 111, 18-27	10.4	74
94	Novel β TCP/PVA bilayered hydrogels with considerable physical and bio-functional properties for osteochondral repair. <i>Biomedical Materials (Bristol)</i> , 2017 , 13, 015012	3.5	13
93	The Antibacterial Applications of Graphene and Its Derivatives. <i>Small</i> , 2016 , 12, 4165-84	11	136
92	Modifying graphene oxide with short peptide via click chemistry for biomedical applications. <i>Applied Materials Today</i> , 2016 , 5, 111-117	6.6	20
91	Corneal regeneration by utilizing collagen based materials. <i>Science China Chemistry</i> , 2016 , 59, 1548-1553	7.9	11
90	Effects of cholic acid modified glucosamine on chondrogenic differentiation. <i>RSC Advances</i> , 2016 , 6, 69586-69594	5.4	
89	Aggregation-Induced Emission Active Probe for Light-Up Detection of Anionic Surfactants and Wash-Free Bacterial Imaging. <i>Chemistry - A European Journal</i> , 2016 , 22, 5107-12	4.8	36
88	Preparation and characterization of PVA-PEEK/PVA- β TCP bilayered hydrogels for articular cartilage tissue repair. <i>Composites Science and Technology</i> , 2016 , 128, 58-64	8.6	29
87	Improving the moisturizing properties of collagen film by surface grafting of chondroitin sulfate for corneal tissue engineering. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2016 , 27, 758-72	3.5	15
86	Controlling the Integration of Polyvinylpyrrolidone onto Substrate by Quartz Crystal Microbalance with Dissipation To Achieve Excellent Protein Resistance and Detoxification. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 18684-92	9.5	11
85	Scalable Production of Sensor Arrays Based on High-Mobility Hybrid Graphene Field Effect Transistors. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 27546-27552	9.5	31
84	Autophagy-mediated clearance of ubiquitinated mutant huntingtin by graphene oxide. <i>Nanoscale</i> , 2016 , 8, 18740-18750	7.7	29

83	Long-Term Tracking of the Osteogenic Differentiation of Mouse BMSCs by Aggregation-Induced Emission Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 17878-84	9.5	29
82	Iron-assisted carbon coating strategy for improved electrochemical LiMn _{0.8} Fe _{0.2} PO ₄ cathodes. <i>Electrochimica Acta</i> , 2016 , 212, 800-807	6.7	12
81	Antimicrobial Hyaluronic Acid/Poly(amidoamine) Dendrimer Multilayer on Poly(3-hydroxybutyrate-co-4-hydroxybutyrate) Prepared by a Layer-by-Layer Self-Assembly Method. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 13876-81	9.5	28
80	Comparative degradation study of surface-modified polyacrylamide/poly(3-hydroxybutyrate-co-3-hydroxyvalerate) membranes. <i>Polymer Science - Series B</i> , 2015 , 57, 538-546	0.8	5
79	Status Evaluation Method for SMES Used in Power Grid. <i>IEEE Transactions on Applied Superconductivity</i> , 2015 , 25, 1-10	1.8	14
78	Improving the mechanical properties of collagen-based membranes using silk fibroin for corneal tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2015 , 103, 1159-68	5.4	49
77	Spindle LiFePO ₄ particles as cathode of lithium-ion batteries synthesized by solvothermal method with glucose as auxiliary reductant. <i>Rare Metals</i> , 2015 , 34, 731-737	5.5	12
76	Biological protein-resistance layer construction of recombinant hirudin on polymethyl methacrylate IOL surface. <i>Journal of Biomedical Materials Research - Part A</i> , 2015 , 103, 878-86	5.4	5
75	An evaluation method for small-scale conduction cooled SMES cryogenic cooling system based on thermal analysis. <i>Cryogenics</i> , 2015 , 71, 30-38	1.8	7
74	Collagen based film with well epithelial and stromal regeneration as corneal repair materials: Improving mechanical property by crosslinking with citric acid. <i>Materials Science and Engineering C</i> , 2015 , 55, 201-8	8.3	31
73	Crosslinking of collagen using a controlled molecular weight bio-crosslinker: β-cyclodextrin polyrotaxane multi-aldehydes. <i>RSC Advances</i> , 2015 , 5, 46088-46094	3.7	9
72	Effect of water state and polymer chain motion on the mechanical properties of a bacterial cellulose and polyvinyl alcohol (BC/PVA) hydrogel. <i>RSC Advances</i> , 2015 , 5, 25525-25531	3.7	24
71	Local co-delivery and release of antimicrobial peptide and RGD using porous TiO ₂ . <i>RSC Advances</i> , 2014 , 4, 27630-27633	3.7	5
70	Preparation and characterization of a novel tobramycin-containing antibacterial collagen film for corneal tissue engineering. <i>Acta Biomaterialia</i> , 2014 , 10, 289-99	10.8	47
69	Biocompatibility of Si-incorporated TiO ₂ film prepared by micro-arc oxidation. <i>Materials Letters</i> , 2014 , 116, 35-38	3.3	29
68	The promotion of antimicrobial activity on silicon substrates using a "click" immobilized short peptide. <i>Chemical Communications</i> , 2014 , 50, 975-7	5.8	40
67	β-cyclodextrin polyrotaxane monoaldehyde: a novel bio-crosslinker with high biocompatibility. <i>RSC Advances</i> , 2014 , 4, 18608-18611	3.7	12
66	"Click" immobilization of a VEGF-mimetic peptide on decellularized endothelial extracellular matrix to enhance angiogenesis. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 8401-6	9.5	28

65	Fabrication and characterization of chitosan-collagen crosslinked membranes for corneal tissue engineering. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2014 , 25, 1962-72	3.5	25
64	Preparation and characterization of bottle-brush polymer via host-guest self-assembly between Cyclodextrin and adamantane. <i>Polymer International</i> , 2014 , 63, 1930-1935	3.3	3
63	Fingolimod for the treatment of intracerebral hemorrhage: a 2-arm proof-of-concept study. <i>JAMA Neurology</i> , 2014 , 71, 1092-101	17.2	185
62	Impact of an immune modulator fingolimod on acute ischemic stroke. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 18315-20	11.5	175
61	A novel collagen film with micro-rough surface structure for corneal epithelial repair fabricated by freeze drying technique. <i>Applied Surface Science</i> , 2014 , 301, 396-400	6.7	9
60	Current attitudes toward organ donation after cardiac death in northwest China. <i>Chinese Medical Journal</i> , 2014 , 127, 835-8	2.9	2
59	Synthesis and characterization of glucosamine modified poly(ethylene glycol) hydrogels via photopolymerization. <i>Journal of Applied Polymer Science</i> , 2013 , 128, 89-96	2.9	11
58	Construct Scaffold-like delivery system with poly (lactic-co-glycolic) microspheres on micro-arc oxidation titanium. <i>Applied Surface Science</i> , 2013 , 266, 81-88	6.7	4
57	Oxygen plasma modified P(3HB-4HB) used as anticoagulant materials. <i>Applied Surface Science</i> , 2013 , 280, 564-571	6.7	5
56	Crosslinked collagen-gelatin-hyaluronic acid biomimetic film for cornea tissue engineering applications. <i>Materials Science and Engineering C</i> , 2013 , 33, 196-201	8.3	58
55	Surface modification on polyethylene terephthalate films with 2-methacryloyloxyethyl phosphorylcholine. <i>Materials Science and Engineering C</i> , 2013 , 33, 3041-6	8.3	17
54	Argon Plasma-Induced Graft Polymerization of PEGMA on Chitosan Membrane Surface for Cell Adhesion Improvement. <i>Plasma Science and Technology</i> , 2013 , 15, 1041-1046	1.5	19
53	Surface characterization of polyethylene terephthalate films treated by ammonia low-temperature plasma. <i>Applied Surface Science</i> , 2012 , 258, 7207-7212	6.7	27
52	Collagen films with suitable physical properties and biocompatibility for corneal tissue engineering prepared by ion leaching technique. <i>Materials Letters</i> , 2012 , 87, 1-4	3.3	26
51	Dielectric spectroscopy of biodegradable poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) films. <i>European Polymer Journal</i> , 2012 , 48, 79-85	5.2	15
50	Microstructure and properties of polycaprolactone/calcium sulfate particle and whisker composites. <i>Polymer Composites</i> , 2012 , 33, 501-508	3	17
49	Green synthesis by diethylene glycol based solution process and characterization of SnS nanoparticles. <i>Crystal Research and Technology</i> , 2012 , 47, 461-466	1.3	9
48	Dielectric behaviors of PHBHHxBaTiO ₃ multifunctional composite films. <i>Composites Science and Technology</i> , 2012 , 72, 370-375	8.6	10

47	Stability, antimicrobial activity, and cytotoxicity of poly(amidoamine) dendrimers on titanium substrates. <i>ACS Applied Materials & Interfaces</i> , 2011 , 3, 2885-94	9.5	46
46	SMES Based Excitation System for Doubly-Fed Induction Generator in Wind Power Application. <i>IEEE Transactions on Applied Superconductivity</i> , 2011 , 21, 1105-1108	1.8	53
45	Bioactive surface modification on amide-photografted poly(3-hydroxybutyrate-co-3-hydroxyvalerate). <i>Biomedical Materials (Bristol)</i> , 2011 , 6, 025007	3.5	5
44	Effect of electroacupuncture on the expression of Nav1.1 in rat after acute cerebral ischemia. <i>Neurological Research</i> , 2010 , 32, 763-9	2.7	3
43	In vitro osteogenesis of synovium mesenchymal cells induced by controlled release of alendronate and dexamethasone from a sintered microspherical scaffold. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2010 , 21, 1227-38	3.5	25
42	SMES Based Dynamic Voltage Restorer for Voltage Fluctuations Compensation. <i>IEEE Transactions on Applied Superconductivity</i> , 2010 , 20, 1360-1364	1.8	39
41	Chondrogenesis of synovium-derived mesenchymal stem cells in photopolymerizing hydrogel scaffolds. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2010 , 21, 1653-67	3.5	15
40	Surface modification of PHBV scaffolds via UV polymerization to improve hydrophilicity. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2010 , 21, 1589-602	3.5	15
39	In vivo and in vitro osteogenesis of stem cells induced by controlled release of drugs from microspherical scaffolds. <i>Journal of Materials Chemistry</i> , 2010 , 20, 9140		26
38	A novel hydrophilic poly(lactide-co-glycolide)/lecithin hybrid microspheres sintered scaffold for bone repair. <i>Journal of Biomedical Materials Research - Part A</i> , 2010 , 92, 963-72	5.4	14
37	Microsphere-based drug releasing scaffolds for inducing osteogenesis of human mesenchymal stem cells in vitro. <i>European Journal of Pharmaceutical Sciences</i> , 2010 , 39, 59-67	5.1	56
36	Poly(lactide-co-glycolide)/titania composite microsphere-sintered scaffolds for bone tissue engineering applications. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2010 , 93, 84-92	3.5	12
35	Surface modification of PHBV films with different functional groups: Thermal properties and in vitro degradation. <i>Journal of Applied Polymer Science</i> , 2010 , 118, 390-398	2.9	15
34	PHBV microspheres-PLGA matrix composite scaffold for bone tissue engineering. <i>Biomaterials</i> , 2010 , 31, 4278-85	15.6	88
33	In vitro engineered cartilage using synovium-derived mesenchymal stem cells with injectable gellan hydrogels. <i>Acta Biomaterialia</i> , 2010 , 6, 1178-85	10.8	56
32	Temperature Characteristic of a Conduction-Cooled HTS SMES Magnet. <i>IEEE Transactions on Applied Superconductivity</i> , 2009 , 19, 2044-2047	1.8	12
31	Synovium-derived mesenchymal stem cells: a new cell source for musculoskeletal regeneration. <i>Tissue Engineering - Part B: Reviews</i> , 2009 , 15, 75-86	7.9	174
30	Surface Hydrophilicity Improvement of RGP Contact Lens Material by Oxygen Plasma Treatment. <i>Materials Science Forum</i> , 2009 , 610-613, 1268-1272	0.4	3

29	Surface engineering of PHBV by covalent collagen immobilization to improve cell compatibility. <i>Journal of Biomedical Materials Research - Part A</i> , 2009 , 88, 616-27	5.4	36
28	Enhancing alendronate release from a novel PLGA/hydroxyapatite microspheric system for bone repairing applications. <i>Pharmaceutical Research</i> , 2009 , 26, 422-30	4.5	126
27	Fabrication and characterization of a PAM modified PHBV/BG scaffold. <i>Science Bulletin</i> , 2009 , 54, 2940-2946		2
26	Soft template method to synthesize polyaniline microtubes doped with methyl orange. <i>Polymer Bulletin</i> , 2009 , 63, 15-21	2.4	18
25	A protein/antibiotic releasing poly(lactic-co-glycolic acid)/lecithin scaffold for bone repair applications. <i>International Journal of Pharmaceutics</i> , 2009 , 373, 85-92	6.5	42
24	A novel PHBV/HA microsphere releasing system loaded with alendronate. <i>Materials Science and Engineering C</i> , 2009 , 29, 2221-2225	8.3	42
23	Porous poly (lactic-co-glycolide) microsphere sintered scaffolds for tissue repair applications. <i>Materials Science and Engineering C</i> , 2009 , 29, 2502-2507	8.3	40
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