

Yongping Liang

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

9,565
citations

218592

26
h-index

414303

32
g-index

34
all docs

34
docs citations

34
times ranked

5658
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibacterial adhesive injectable hydrogels with rapid self-healing, extensibility and compressibility as wound dressing for joints skin wound healing. <i>Biomaterials</i> , 2018, 183, 185-199.	5.7	1,286
2	Functional Hydrogels as Wound Dressing to Enhance Wound Healing. <i>ACS Nano</i> , 2021, 15, 12687-12722.	7.3	1,131
3	Adhesive Hemostatic Conducting Injectable Composite Hydrogels with Sustained Drug Release and Photothermal Antibacterial Activity to Promote Full-thickness Skin Regeneration During Wound Healing. <i>Small</i> , 2019, 15, e1900046.	5.2	886
4	Injectable antibacterial conductive nanocomposite cryogels with rapid shape recovery for noncompressible hemorrhage and wound healing. <i>Nature Communications</i> , 2018, 9, 2784.	5.8	801
5	Degradable conductive injectable hydrogels as novel antibacterial, anti-oxidant wound dressings for wound healing. <i>Chemical Engineering Journal</i> , 2019, 362, 548-560.	6.6	515
6	Physical Double-network Hydrogel Adhesives with Rapid Shape Adaptability, Fast Self-healing, Antioxidant and NIR/pH Stimulus-responsiveness for Multidrug-resistant Bacterial Infection and Removable Wound Dressing. <i>Advanced Functional Materials</i> , 2020, 30, 1910748.	7.8	503
7	Mussel-inspired, antibacterial, conductive, antioxidant, injectable composite hydrogel wound dressing to promote the regeneration of infected skin. <i>Journal of Colloid and Interface Science</i> , 2019, 556, 514-528.	5.0	434
8	Conductive adhesive self-healing nanocomposite hydrogel wound dressing for photothermal therapy of infected full-thickness skin wounds. <i>Chemical Engineering Journal</i> , 2020, 394, 124888.	6.6	401
9	Haemostatic materials for wound healing applications. <i>Nature Reviews Chemistry</i> , 2021, 5, 773-791.	13.8	371
10	pH/Glucose Dual Responsive Metformin Release Hydrogel Dressings with Adhesion and Self-Healing via Dual-Dynamic Bonding for Athletic Diabetic Foot Wound Healing. <i>ACS Nano</i> , 2022, 16, 3194-3207.	7.3	362
11	pH-responsive injectable hydrogels with mucosal adhesiveness based on chitosan-grafted-dihydrocaffeic acid and oxidized pullulan for localized drug delivery. <i>Journal of Colloid and Interface Science</i> , 2019, 536, 224-234.	5.0	334
12	Two-Pronged Strategy of Biomechanically Active and Biochemically Multifunctional Hydrogel Wound Dressing To Accelerate Wound Closure and Wound Healing. <i>Chemistry of Materials</i> , 2020, 32, 9937-9953.	3.2	309
13	Anti-oxidant electroactive and antibacterial nanofibrous wound dressings based on poly(μ -caprolactone)/quaternized chitosan-graft-polyaniline for full-thickness skin wound healing. <i>Chemical Engineering Journal</i> , 2020, 385, 123464.	6.6	306
14	Mussel-inspired adhesive antioxidant antibacterial hemostatic composite hydrogel wound dressing via photo-polymerization for infected skin wound healing. <i>Bioactive Materials</i> , 2022, 8, 341-354.	8.6	273
15	Degradable Gelatin-Based IPN Cryogel Hemostat for Rapidly Stopping Deep Noncompressible Hemorrhage and Simultaneously Improving Wound Healing. <i>Chemistry of Materials</i> , 2020, 32, 6595-6610.	3.2	265
16	Injectable Antimicrobial Conductive Hydrogels for Wound Disinfection and Infectious Wound Healing. <i>Biomacromolecules</i> , 2020, 21, 1841-1852.	2.6	264
17	Multifunctional Tissue-Adhesive Cryogel Wound Dressing for Rapid Nonpressing Surface Hemorrhage and Wound Repair. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 35856-35872.	4.0	239
18	Antibacterial biomaterials for skin wound dressing. <i>Asian Journal of Pharmaceutical Sciences</i> , 2022, 17, 353-384.	4.3	182

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19	Injectable dry cryogels with excellent blood-sucking expansion and blood clotting to cease hemorrhage for lethal deep-wounds, coagulopathy and tissue regeneration. <i>Chemical Engineering Journal</i> , 2021, 403, 126329.	6.6	146
20	Injectable stretchable self-healing dual dynamic network hydrogel as adhesive anti-oxidant wound dressing for photothermal clearance of bacteria and promoting wound healing of MRSA infected motion wounds. <i>Chemical Engineering Journal</i> , 2022, 427, 132039.	6.6	133
21	Biocompatible conductive hydrogels based on dextran and aniline trimer as electro-responsive drug delivery system for localized drug release. <i>International Journal of Biological Macromolecules</i> , 2019, 140, 255-264.	3.6	121
22	Emissive Metallacycle-Crosslinked Supramolecular Networks with Tunable Crosslinking Densities for Bacterial Imaging and Killing. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15199-15203.	7.2	67
23	An Integrated Strategy for Rapid Hemostasis during Tumor Resection and Prevention of Postoperative Tumor Recurrence of Hepatocellular Carcinoma by Antibacterial Shape Memory Cryogel. <i>Small</i> , 2021, 17, e2101356.	5.2	46
24	Sustained release of magnesium ions mediated by injectable self-healing adhesive hydrogel promotes fibrocartilaginous interface regeneration in the rabbit rotator cuff tear model. <i>Chemical Engineering Journal</i> , 2020, 396, 125335.	6.6	42
25	Synergistic enhancement of tendon-to-bone healing via anti-inflammatory and pro-differentiation effects caused by sustained release of Mg ²⁺ /curcumin from injectable self-healing hydrogels. <i>Theranostics</i> , 2021, 11, 5911-5925.	4.6	41
26	Biomimetic 3D aligned conductive tubular cryogel scaffolds with mechanical anisotropy for 3D cell alignment, differentiation and in vivo skeletal muscle regeneration. <i>Chemical Engineering Journal</i> , 2022, 428, 131017.	6.6	33
27	Dithiane Induced Cycloaddition/Aromatization Tactic for the Synthesis of Multisubstituted Furans. <i>Organic Letters</i> , 2016, 18, 2066-2069.	2.4	18
28	Di- <i>tert</i> -Butyl Peroxide-Mediated Atom-Transfer Radical Addition of 2-Chlorodithiane to Aryl Alkynes under Mild Conditions. <i>Chemistry - A European Journal</i> , 2015, 21, 14328-14331.	1.7	17
29	Mutual contaminants relational realization and photocatalytic treatment using Cu ₂ MgSnS ₄ decorated BaTiO ₃ . <i>Applied Materials Today</i> , 2020, 18, 100534.	2.3	17
30	Direct Regioselective [3 + 2]-Cyclization Reactions of Ambivalent Electrophilic/Nucleophilic β -Chlorovinyl Dithianes: Access to Cyclopentene Derivatives. <i>Organic Letters</i> , 2016, 18, 5086-5089.	2.4	10
31	Emissive Metallacycle-Crosslinked Supramolecular Networks with Tunable Crosslinking Densities for Bacterial Imaging and Killing. <i>Angewandte Chemie</i> , 2020, 132, 15311-15315.	1.6	10
32	Regiodivergent radical oxidative coupling of vinyl ethers with dithiane by copper or iron catalysis. <i>Organic Chemistry Frontiers</i> , 2017, 4, 2134-2138.	2.3	2