

Yang Hu

List of Publications by Year in descending order

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50
papers

1,998
citations

201385

27
h-index

243296

44
g-index

51
all docs

51
docs citations

51
times ranked

2672
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of cellulose nanocrystal-stabilized cinnamon essential oil Pickering emulsions on structure and properties of chitosan composite films. <i>Carbohydrate Polymers</i> , 2022, 275, 118704.	5.1	74
2	A Supramolecular Hydrogel Enabled by the Synergy of Hydrophobic Interaction and Quadruple Hydrogen Bonding. <i>Gels</i> , 2022, 8, 244.	2.1	9
3	Formation of poly(μ -caprolactone)-embedded bioactive nanoparticles/collagen hierarchical scaffolds with the designed and customized porous structures. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	1.3	4
4	Bio-based polyfunctional reactive diluent derived from tung oil by thiol-ene click reaction for high bio-content UV-LED curable coatings. <i>Industrial Crops and Products</i> , 2021, 160, 113117.	2.5	16
5	Biocompatible heterogeneous bone incorporated with polymeric biocomposites for human bone repair by 3D printing technology. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50114.	1.3	27
6	3D printing of Pickering emulsion inks to construct poly(D,L-lactide-co-trimethylene carbonate)-based porous bioactive scaffolds with shape memory effect. <i>Journal of Materials Science</i> , 2021, 56, 731-745.	1.7	31
7	Rational design of hollow mesoporous titania nanoparticles loaded with curcumin for UV-controlled release and targeted drug delivery. <i>Nanotechnology</i> , 2021, 32, 205604.	1.3	3
8	Preparation of 3D Printed Chitosan/Polyvinyl Alcohol Double Network Hydrogel Scaffolds. <i>Macromolecular Bioscience</i> , 2021, 21, e2000398.	2.1	40
9	Facile fabrication of near-infrared light-responsive shape memory nanocomposite scaffolds with hierarchical porous structures. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50938.	1.3	10
10	Sodium alginate/collagen composite multiscale porous scaffolds containing poly(μ -caprolactone) microspheres fabricated based on additive manufacturing technology. <i>RSC Advances</i> , 2020, 10, 39241-39250.	1.7	19
11	Design and Synthesis of Free-Radical/Cationic Photosensitive Resin Applied for 3D Printer with Liquid Crystal Display (LCD) Irradiation. <i>Polymers</i> , 2020, 12, 1346.	2.0	20
12	Preparation of Cinnamon Oil-Loaded Antibacterial Composite Microcapsules by In Situ Polymerization of Pickering Emulsion Templates. <i>Macromolecular Materials and Engineering</i> , 2020, 305, 1900851.	1.7	17
13	3D Printed Composite Scaffolds Incorporating Ruthenium Complex-Loaded Liposomes as a Delivery System to Prevent the Proliferation of MG-63 Cells. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1900295.	1.7	12
14	Facile preparation of bioactive nanoparticle/poly(μ -caprolactone) hierarchical porous scaffolds via 3D printing of high internal phase Pickering emulsions. <i>Journal of Colloid and Interface Science</i> , 2019, 545, 104-115.	5.0	76
15	One-pot synthesis of polyurethane-imides with tailored performance from castor and tung oil. <i>Progress in Organic Coatings</i> , 2019, 132, 62-69.	1.9	35
16	Bioactive and Biocompatible Macroporous Scaffolds with Tunable Performances Prepared Based on 3D Printing of the Pre-Crosslinked Sodium Alginate/Hydroxyapatite Hydrogel Ink. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1800698.	1.7	48
17	Fishbone-Like Polymer from Green Cationic Polymerization of Methyl Eleostearate as Biobased Nontoxic PVC Plasticizer. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 18976-18984.	3.2	24
18	UV/thermal dual curing of tung oil-based polymers induced by cationic photoinitiator. <i>Progress in Organic Coatings</i> , 2019, 126, 8-17.	1.9	32

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19	Fabrication of sustained-release and antibacterial citronella oil-loaded composite microcapsules based on Pickering emulsion templates. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46386.	1.3	16
20	Cinnamon oil-loaded composite emulsion hydrogels with antibacterial activity prepared using concentrated emulsion templates. <i>Industrial Crops and Products</i> , 2018, 112, 281-289.	2.5	32
21	Electrospun Sandwich-Structure Composite Membranes for Wound Dressing Scaffolds with High Antioxidant and Antibacterial Activity. <i>Macromolecular Materials and Engineering</i> , 2018, 303, 1700270.	1.7	20
22	Facile preparation of biocompatible poly(L-lactic acid)-modified halloysite nanotubes/poly(μ -caprolactone) porous scaffolds by solvent evaporation of Pickering emulsion templates. <i>Journal of Materials Science</i> , 2018, 53, 14774-14788.	1.7	18
23	One-Pot Fabrication of Poly(μ -Caprolactone)-Incorporated Bovine Serum Albumin/Calcium Alginate/Hydroxyapatite Nanocomposite Scaffolds by High Internal Phase Emulsion Templates. <i>Macromolecular Materials and Engineering</i> , 2017, 302, 1600367.	1.7	18
24	Outside-in stepwise bi-functionalization of magnetic mesoporous silica incorporated with Pt nanoparticles for effective removal of hexavalent chromium. <i>Powder Technology</i> , 2017, 312, 48-57.	2.1	19
25	Fabrication of Hierarchical Macroporous Biocompatible Scaffolds by Combining Pickering High Internal Phase Emulsion Templates with Three-Dimensional Printing. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 22950-22958.	4.0	145
26	Electrospray biodegradable microcapsules loaded with curcumin for drug delivery systems with high bioactivity. <i>RSC Advances</i> , 2017, 7, 1724-1734.	1.7	61
27	Novel functional mesoporous silica nanoparticles loaded with Vitamin E acetate as smart platforms for pH responsive delivery with high bioactivity. <i>Journal of Colloid and Interface Science</i> , 2017, 508, 184-195.	5.0	25
28	Synthesis of novel urushiol-like compounds from tung oil using silica-supported phosphotungstic heteropoly acid catalyst. <i>Industrial Crops and Products</i> , 2016, 94, 424-430.	2.5	22
29	PVA/Carbon Dot Nanocomposite Hydrogels for Simple Introduction of Ag Nanoparticles with Enhanced Antibacterial Activity. <i>Macromolecular Materials and Engineering</i> , 2016, 301, 1352-1362.	1.7	60
30	Dual Physically Cross-Linked Hydrogels with High Stretchability, Toughness, and Good Self-Recoverability. <i>Macromolecules</i> , 2016, 49, 5660-5668.	2.2	191
31	Highly Stretchable, Mechanically Strong, Tough, and Self-Recoverable Nanocomposite Hydrogels by Introducing Strong Ionic Coordination Interactions. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 2717-2725.	1.1	30
32	Facile fabrication of tea tree oil-loaded antibacterial microcapsules by complex coacervation of sodium alginate/quaternary ammonium salt of chitosan. <i>RSC Advances</i> , 2016, 6, 13032-13039.	1.7	58
33	Facile fabrication of poly(L-lactic acid) microsphere-incorporated calcium alginate/hydroxyapatite porous scaffolds based on Pickering emulsion templates. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 140, 382-391.	2.5	41
34	Redox responsive diselenide colloidosomes templated from Pickering emulsions for drug release. <i>Journal of Controlled Release</i> , 2015, 213, e119-e120.	4.8	9
35	Novel Nanocomposite Hydrogels Consisting of C-Dots with Excellent Mechanical Properties. <i>Macromolecular Materials and Engineering</i> , 2015, 300, 1043-1048.	1.7	36
36	Functional nanoparticle-decorated graphene oxide sheets as stabilizers for Pickering high internal phase emulsions and graphene oxide based foam monoliths. <i>RSC Advances</i> , 2015, 5, 103394-103402.	1.7	32

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37	Facile fabrication of grapheneâ€“polypyrroleâ€“Mn composites as high-performance electrodes for capacitive deionization. <i>Journal of Materials Chemistry A</i> , 2015, 3, 5866-5874.	5.2	79
38	Facile Fabrication of Macroporous PLGA Microspheres via Doubleâ€“Pickering Emulsion Templates. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 714-720.	1.1	13
39	Pickering high internal phase emulsion-based hydroxyapatiteâ€“poly(μ -caprolactone) nanocomposite scaffolds. <i>Journal of Materials Chemistry B</i> , 2015, 3, 3848-3857.	2.9	54
40	MoS ₂ armored polystyrene particles with a narrow size distribution via membrane-assisted Pickering emulsions for monolayer-shelled liquid marbles. <i>RSC Advances</i> , 2015, 5, 80424-80427.	1.7	0
41	Nanocomposite porous scaffolds for bone tissue engineering by emulsion templating. <i>Journal of Controlled Release</i> , 2015, 213, e127.	4.8	3
42	Nitrogen-doped graphene composites as efficient electrodes with enhanced capacitive deionization performance. <i>RSC Advances</i> , 2014, 4, 63189-63199.	1.7	45
43	Macroporous antibacterial hydrogels with tunable pore structures fabricated by using Pickering high internal phase emulsions as templates. <i>Polymer Chemistry</i> , 2014, 5, 4227-4234.	1.9	51
44	Macroporous Nanocomposite Materials Prepared by Solvent Evaporation from Pickering Emulsion Templates. <i>Macromolecular Materials and Engineering</i> , 2014, 299, 1070-1080.	1.7	6
45	One-pot synthesis of photoluminescent carbon nanodots by carbonization of cyclodextrin and their application in Ag ⁺ detection. <i>RSC Advances</i> , 2014, 4, 62446-62452.	1.7	38
46	Facile fabrication of nanocomposite microcapsules by combining layer-by-layer self-assembly and Pickering emulsion templating. <i>RSC Advances</i> , 2014, 4, 16751-16758.	1.7	38
47	Mineralization and drug release of hydroxyapatite/poly(L-lactic acid) nanocomposite scaffolds prepared by Pickering emulsion templating. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 122, 559-565.	2.5	60
48	Facile Fabrication of Poly(L-lactic Acid)-Grafted Hydroxyapatite/Poly(lactic-co-glycolic Acid) Scaffolds by Pickering High Internal Phase Emulsion Templates. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 17166-17175.	4.0	114
49	Facile preparation of artemisia argyi oil-loaded antibacterial microcapsules by hydroxyapatite-stabilized Pickering emulsion templating. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 112, 96-102.	2.5	56
50	Study on the grafting of chitosanâ€“gelatin microcapsules onto cotton fabrics and its antibacterial effect. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 109, 103-108.	2.5	111