

# 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	Dual Physically Cross-Linked Hydrogels with High Stretchability, Toughness, and Good Self-Recoverability. <i>Macromolecules</i> , 2016, 49, 5660-5668.	2.2	191
2	Fabrication of Hierarchical Macroporous Biocompatible Scaffolds by Combining Pickering High Internal Phase Emulsion Templates with Three-Dimensional Printing. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 22950-22958.	4.0	145
3	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 &amp; Interfaces</i> , 2014, 6, 17166-17175.	4.0	114
4	Study on the grafting of chitosan-gelatin microcapsules onto cotton fabrics and its antibacterial effect. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 109, 103-108.	2.5	111
5	Facile fabrication of graphene-polypyrrole-Mn composites as high-performance electrodes for capacitive deionization. <i>Journal of Materials Chemistry A</i> , 2015, 3, 5866-5874.	5.2	79
6	Facile preparation of bioactive nanoparticle/poly( $\mu$ -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
7	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
8	Electrospray biodegradable microcapsules loaded with curcumin for drug delivery systems with high bioactivity. <i>RSC Advances</i> , 2017, 7, 1724-1734.	1.7	61
9	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
10	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
11	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
12	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
13	Pickering high internal phase emulsion-based hydroxyapatite-poly( $\mu$ -caprolactone) nanocomposite scaffolds. <i>Journal of Materials Chemistry B</i> , 2015, 3, 3848-3857.	2.9	54
14	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
15	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
16	Nitrogen-doped graphene composites as efficient electrodes with enhanced capacitive deionization performance. <i>RSC Advances</i> , 2014, 4, 63189-63199.	1.7	45
17	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
18	Preparation of 3D Printed Chitosan/Polyvinyl Alcohol Double Network Hydrogel Scaffolds. <i>Macromolecular Bioscience</i> , 2021, 21, e2000398.	2.1	40

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19	One-pot synthesis of photoluminescent carbon nanodots by carbonization of cyclodextrin and their application in Ag <sup>+</sup> detection. RSC Advances, 2014, 4, 62446-62452.	1.7	38
20	Facile fabrication of nanocomposite microcapsules by combining layer-by-layer self-assembly and Pickering emulsion templating. RSC Advances, 2014, 4, 16751-16758.	1.7	38
21	Novel Nanocomposite Hydrogels Consisting of Dots with Excellent Mechanical Properties. Macromolecular Materials and Engineering, 2015, 300, 1043-1048.	1.7	36
22	One-pot synthesis of polyurethane-imides with tailored performance from castor and tung oil. Progress in Organic Coatings, 2019, 132, 62-69.	1.9	35
23	Functional nanoparticle-decorated graphene oxide sheets as stabilizers for Pickering high internal phase emulsions and graphene oxide based foam monoliths. RSC Advances, 2015, 5, 103394-103402.	1.7	32
24	Cinnamon oil-loaded composite emulsion hydrogels with antibacterial activity prepared using concentrated emulsion templates. Industrial Crops and Products, 2018, 112, 281-289.	2.5	32
25	UV/thermal dual curing of tung oil-based polymers induced by cationic photoinitiator. Progress in Organic Coatings, 2019, 126, 8-17.	1.9	32
26	3D printing of Pickering emulsion inks to construct poly(D,L-lactide-co-trimethylene carbonate)-based porous bioactive scaffolds with shape memory effect. Journal of Materials Science, 2021, 56, 731-745.	1.7	31
27	Highly Stretchable, Mechanically Strong, Tough, and Self-Recoverable Nanocomposite Hydrogels by Introducing Strong Ionic Coordination Interactions. Macromolecular Chemistry and Physics, 2016, 217, 2717-2725.	1.1	30
28	Biocompatible heterogeneous bone incorporated with polymeric biocomposites for human bone repair by 3D printing technology. Journal of Applied Polymer Science, 2021, 138, 50114.	1.3	27
29	Novel functional mesoporous silica nanoparticles loaded with Vitamin E acetate as smart platforms for pH responsive delivery with high bioactivity. Journal of Colloid and Interface Science, 2017, 508, 184-195.	5.0	25
30	Fishbone-Like Polymer from Green Cationic Polymerization of Methyl Eleostearate as Biobased Nontoxic PVC Plasticizer. ACS Sustainable Chemistry and Engineering, 2019, 7, 18976-18984.	3.2	24
31	Synthesis of novel urushiol-like compounds from tung oil using silica-supported phosphotungstic heteropoly acid catalyst. Industrial Crops and Products, 2016, 94, 424-430.	2.5	22
32	Electrospun Sandwich-Structure Composite Membranes for Wound Dressing Scaffolds with High Antioxidant and Antibacterial Activity. Macromolecular Materials and Engineering, 2018, 303, 1700270.	1.7	20
33	Design and Synthesis of Free-Radical/Cationic Photosensitive Resin Applied for 3D Printer with Liquid Crystal Display (LCD) Irradiation. Polymers, 2020, 12, 1346.	2.0	20
34	Outside-in stepwise bi-functionalization of magnetic mesoporous silica incorporated with Pt nanoparticles for effective removal of hexavalent chromium. Powder Technology, 2017, 312, 48-57.	2.1	19
35	Sodium alginate/collagen composite multiscale porous scaffolds containing poly( $\mu$ -caprolactone) microspheres fabricated based on additive manufacturing technology. RSC Advances, 2020, 10, 39241-39250.	1.7	19
36	One-Pot Fabrication of Poly( $\mu$ -Caprolactone)-Incorporated Bovine Serum Albumin/Calcium Alginate/Hydroxyapatite Nanocomposite Scaffolds by High Internal Phase Emulsion Templates. Macromolecular Materials and Engineering, 2017, 302, 1600367.	1.7	18

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37	Facile preparation of biocompatible poly(l-lactic acid)-modified halloysite nanotubes/poly( $\mu$ -caprolactone) porous scaffolds by solvent evaporation of Pickering emulsion templates. <i>Journal of Materials Science</i> , 2018, 53, 14774-14788.	1.7	18
38	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
39	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
40	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
41	Facile Fabrication of Macroporous PLGA Microspheres via Double Pickering Emulsion Templates. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 714-720.	1.1	13
42	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
43	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
44	Redox responsive diselenide colloidosomes templated from Pickering emulsions for drug release. <i>Journal of Controlled Release</i> , 2015, 213, e119-e120.	4.8	9
45	A Supramolecular Hydrogel Enabled by the Synergy of Hydrophobic Interaction and Quadruple Hydrogen Bonding. <i>Gels</i> , 2022, 8, 244.	2.1	9
46	Macroporous Nanocomposite Materials Prepared by Solvent Evaporation from Pickering Emulsion Templates. <i>Macromolecular Materials and Engineering</i> , 2014, 299, 1070-1080.	1.7	6
47	Formation of poly( $\mu$ -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
48	Nanocomposite porous scaffolds for bone tissue engineering by emulsion templating. <i>Journal of Controlled Release</i> , 2015, 213, e127.	4.8	3
49	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
50	MoS <sub>2</sub> 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