

Caihua Ni

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/579616/publications.pdf>

Version: 2024-02-01

61
papers

961
citations

516710

16
h-index

501196

28
g-index

61
all docs

61
docs citations

61
times ranked

1438
citing authors

#	ARTICLE	IF	CITATIONS
1	High-efficient liquid exfoliation of 2D metal-organic framework using deep-eutectic solvents. <i>Ultrasonics Sonochemistry</i> , 2021, 72, 105461.	8.2	23
2	Preparation of redox responsive modified xanthan gum nanoparticles and the drug controlled release. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021, 70, 994-1001.	3.4	14
3	Synthesis of core-crosslinked zwitterionic polymer nano aggregates and pH/Redox responsiveness in drug controlled release. <i>Materials Science and Engineering C</i> , 2020, 106, 110288.	7.3	9
4	Ionic Liquid-Assisted Exfoliation of Two-Dimensional Metal-Organic Frameworks for Luminescent Sensing. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 2167-2175.	6.7	27
5	Preparation and flocculation properties of modified alginate amphiphilic polymeric nano-flocculants. <i>Environmental Science and Pollution Research</i> , 2019, 26, 32397-32406.	5.3	10
6	Sustainable synthesis of nitrogen-doped porous carbon with improved electrocatalytic performance for hydrogen evolution. <i>New Journal of Chemistry</i> , 2019, 43, 3078-3083.	2.8	10
7	Preparation and controlled drug release ability of the poly[N-isopropylacrylamide-co-allyl poly(ethylene glycol)]-b-poly(β -benzyl-L-glutamate) polymeric micelles. <i>Materials Science and Engineering C</i> , 2019, 98, 910-917.	7.3	17
8	Preparation of xanthan gum nanogels and their pH/redox responsiveness in controlled release. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47921.	2.6	22
9	Preparation of Drug-Eluting Microspheres Based on Semi-Interpenetrating Polymer Network of Modified Chitosan and Poly(2-acrylamide-2-methylpropanesulfonic acid). <i>Polymer Science - Series A</i> , 2019, 61, 61-69.	1.0	4
10	Fabricating Biomimetic Antireflective Coating Based on TiO ₂ Pyramids by Soft Lithography. <i>ChemistrySelect</i> , 2019, 4, 13392-13395.	1.5	7
11	The synthesis of modified alginate flocculants and their properties for removing heavy metal ions of wastewater. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46577.	2.6	22
12	Studies on the preparation and controlled release of redox/pH-responsive zwitterionic nanoparticles based on poly-L-glutamic acid and cystamine. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018, 29, 646-662.	3.5	5
13	Fabricating composite supercapacitor electrodes of polyaniline and aniline-terminated silica by mechanical agitation and sonication. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 1249-1256.	2.5	8
14	Preparations and properties of drug-eluting embolization microspheres based on modified gelatin. <i>Soft Materials</i> , 2018, 16, 117-125.	1.7	3
15	Studies on preparations and pH/redox responsiveness of zwitterionic nanomicelles of poly[lysine-co-N,N-bis(acryloyl)cystamine-co-dodecylamine]. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2018, 67, 528-534.	3.4	5
16	Micro-nano fabrication of hierarchical PPy/TiO ₂ /Si by continuous self-assembly technology. <i>Materials and Manufacturing Processes</i> , 2018, 33, 378-382.	4.7	8
17	Preparation of surface-modified, micrometer-sized carboxymethyl chitosan drug-loaded microspheres. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45731.	2.6	10
18	Patterning thermoplastic polymers by fast room-temperature imprinting. <i>Journal of Materials Science</i> , 2018, 53, 5429-5435.	3.7	4

#	ARTICLE	IF	CITATIONS
19	Fabrication of polyaniline/octa-(aminopropylsilsesquioxane) with enhanced electrochemical capacitance and improved cycling stability via in situ polymerization. <i>Polymer Bulletin</i> , 2018, 75, 3395-3406.	3.3	4
20	Hierarchical porous polyaniline supercapacitor electrode from polyaniline/silica self-agggregates. <i>Polymer International</i> , 2018, 67, 1670-1676.	3.1	12
21	Preparation of pH/redox dual responsive polymeric micelles with enhanced stability and drug controlled release. <i>Materials Science and Engineering C</i> , 2018, 91, 727-733.	7.3	31
22	Preparations of hyperbranched polymer nano micelles and the pH/redox controlled drug release behaviors. <i>Materials Science and Engineering C</i> , 2017, 79, 116-122.	7.3	16
23	Fabrication of 3D biomimetic composite coating with broadband antireflection, superhydrophilicity, and double p-n heterojunctions. <i>Nano Research</i> , 2017, 10, 2377-2385.	10.4	38
24	Preparations and doxorubicin controlled release of amino-acid based redox/pH dual-responsive nanomicelles. <i>Materials Science and Engineering C</i> , 2017, 77, 920-926.	7.3	7
25	Synthesis and characterization of polypyrrole doped by cage silsesquioxane with carboxyl groups. <i>Korean Journal of Chemical Engineering</i> , 2017, 34, 470-475.	2.7	6
26	Preparation of modified alginate nanoflocculant and adsorbing properties for Pb ²⁺ in wastewater. <i>Russian Journal of Applied Chemistry</i> , 2017, 90, 641-647.	0.5	6
27	Enhanced photoactivities of ternary composite coating by antireflection and double P-N heterojunctions. <i>Journal of Materials Science</i> , 2017, 52, 1981-1987.	3.7	7
28	Iridium-catalyzed cascade dehydrogenation, ring-closure reaction leading to 2,4,6-triaryl-1,3,5-triazines. <i>Russian Journal of General Chemistry</i> , 2016, 86, 380-386.	0.8	8
29	Surface Charge Convertible and Biodegradable Synthetic Zwitterionic Nanoparticles for Enhancing Cellular Drug Uptake. <i>Macromolecular Bioscience</i> , 2016, 16, 308-313.	4.1	14
30	Zwitterionic pH/redox nanoparticles based on dextran as drug carriers for enhancing tumor intercellular uptake of doxorubicin. <i>Materials Science and Engineering C</i> , 2016, 61, 278-285.	7.3	38
31	Preparation of pH-sensitive zwitterionic nano micelles and drug controlled release for enhancing cellular uptake. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2016, 27, 643-656.	3.5	6
32	Reduction-responsive zwitterionic nanogels based on carboxymethyl chitosan for enhancing cellular uptake in drug release. <i>Colloid and Polymer Science</i> , 2016, 294, 629-637.	2.1	14
33	Preparation of polyelectrolyte complex nanoparticles of chitosan and poly(2-acrylamido-2-methylpropanesulfonic acid) for doxorubicin release. <i>Materials Science and Engineering C</i> , 2016, 58, 724-729.	7.3	32
34	Preparation of Poly(N-butyl methacrylate-co-glycidyl methacrylate) and Toughness Improvement for Powder Epoxy Resin E663. <i>Polymer-Plastics Technology and Engineering</i> , 2015, 54, 881-888.	1.9	4
35	Synthesis of poly(vinyl alcohol-graft-lactic acid) copolymer and its application as medical anti-tissue adhesion thin film. <i>Polymer Bulletin</i> , 2015, 72, 1515-1529.	3.3	5
36	The polyion complex nano-prodrug of doxorubicin (DOX) with poly(lactic acid-co-malic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (acid Research, 2015, 24, 1189-1195.	2.4	15

#	ARTICLE	IF	CITATIONS
37	Fabricating sub-100nm conducting polymer nanowires by edge nanoimprint lithography. Journal of Colloid and Interface Science, 2015, 458, 300-304.	9.4	14
38	Drug release behavior of poly (lactic-glycolic acid) grafting from sodium alginate (ALG-g-PLGA) prepared by direct polycondensation. Journal of Biomaterials Science, Polymer Edition, 2015, 26, 1152-1162.	3.5	11
39	Synthesis of polyglycolic acid grafting from sodium alginate through direct polycondensation and its application as drug carrier. Journal of Materials Science, 2015, 50, 7835-7841.	3.7	15
40	Preparation of poly(N-Butyl Acrylate-Co-Glycidyl Methacrylate) and its Application in Enhancement of Epoxy Resin. Polymer-Plastics Technology and Engineering, 2014, 53, 262-267.	1.9	4
41	Preparation and pH controlled release of polyelectrolyte complex of poly(l-malic acid-co-d,l-lactic) Tj ETQq1 1 0.784314 rgBT (Overlock 29)	3.0	29
42	Covalently cross-linked and hydrophobically modified alginate hydrogels and their application as drug carriers. Polymer Engineering and Science, 2013, 53, 1583-1589.	3.1	13
43	A new kind of polyion complex nanoparticles and the covalent drug-loading pattern for doxorubicin and pH-controlled release. Colloid and Polymer Science, 2013, 291, 2843-2850.	2.1	5
44	Degradation of Alginate and Polymerization of Styrene Initiated by Alginate Macroradicals under Ultrasonic Irradiation. International Journal of Polymeric Materials and Polymeric Biomaterials, 2013, 62, 50-55.	3.4	3
45	Preparation of Composites of Silica/PNIPAm by Coupling Reaction and Their Application in HPLC. International Journal of Polymer Analysis and Characterization, 2012, 17, 61-71.	1.9	3
46	Preparation and characterization of magnetic star-shaped amphiphilic copolymer nanoparticles of Sâ€Fe₃O₄â€PLAâ€i>b</i>â€MPEG. Polymer Composites, 2012, 33, 2134-2139.	4.6	2
47	Synthesis, characterisation and ethylene oligomerization behaviour of N-(2-substituted-5,6,7-trihydroquinolin-8-ylidene)arylamino nickel dichlorides. New Journal of Chemistry, 2011, 35, 178-183.	2.8	98
48	Degradation of Sodium Polystyrene Sulfonate and the Radical Initiated Polymerization of Styrene Under Ultrasonic Irradiation. Polymer-Plastics Technology and Engineering, 2011, 50, 1262-1265.	1.9	3
49	The preparation and properties of hybridized hydrogels based on cubic thiol-functionalized silsesquioxane covalently linked with poly(N-isopropylacrylamide). Colloid and Polymer Science, 2011, 289, 1777-1782.	2.1	20
50	Syntheses of silsesquioxane (POSS)-based inorganic/organic hybrid and the application in reinforcement for an epoxy resin. Journal of Colloid and Interface Science, 2011, 362, 94-99.	9.4	47
51	Studies on syntheses and dynamic swelling of pH-sensitive macroporous poly(N-isopropylacrylamide-co-acrylic acid) hydrogels. Polymer Science - Series A, 2010, 52, 19-25.	1.0	1
52	The preparation of inorganic/organic hybrid nanomaterials containing silsesquioxane and its reinforcement for an epoxy resin network. Colloid and Polymer Science, 2010, 288, 469-477.	2.1	24
53	Studies on core-shell structural nano-micelles based on star block copolymer of poly(lactide) and poly(2-(dimethylamino)ethyl methacrylate). Colloid and Polymer Science, 2010, 288, 1193-1200.	2.1	14
54	Hydrophobic modification of sodium alginate and its application in drug controlled release. Bioprocess and Biosystems Engineering, 2010, 33, 457-463.	3.4	58

#	ARTICLE	IF	CITATIONS
55	Grafting Polymerization of N-isopropylacrylamide on the Surfaces of Silica by ATRP and Its Application in HPLC. <i>Soft Materials</i> , 2010, 8, 14-28.	1.7	11
56	Preparation and adsorption properties of chelating resins from thiosemicarbazide and formaldehyde. <i>Journal of Applied Polymer Science</i> , 2009, 112, 2455-2461.	2.6	16
57	Self-assembly and solid-state photo polymerization of acrylamide crystal film. <i>Colloid and Polymer Science</i> , 2009, 287, 73-79.	2.1	1
58	Graft copolymerization of N-isopropylacrylamide with 3-(methacryloxy)propyl trimethoxysilane on ultrafine silica and its application in chromatography separation. <i>Frontiers of Chemical Engineering in China</i> , 2008, 2, 242-247.	0.6	0
59	Preparations and properties of thermosensitive terpolymers of N-isopropylacrylamide, sodium 2-acrylamido-2-methyl-propanesulphonate, and N-tert-butylacrylamide. <i>Journal of Applied Polymer Science</i> , 2007, 105, 2299-2305.	2.6	6
60	Emulsifier-free emulsion copolymerization of styrene and sodium 1-allyloxy-2-hydroxypropane sulfonate. <i>Colloid and Polymer Science</i> , 2007, 285, 1637-1643.	2.1	7
61	Studies of syntheses and adsorption properties of chelating resin from thiourea and formaldehyde. <i>Journal of Applied Polymer Science</i> , 2001, 82, 3127-3132.	2.6	85