

Di Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

493
citations

840119

11
h-index

752256

20
g-index

22
all docs

22
docs citations

22
times ranked

495
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA hydrogel-based gene editing and drug delivery systems. <i>Advanced Drug Delivery Reviews</i> , 2021, 168, 79-98.	6.6	155
2	Preparation, Properties, and Supercooling Prevention of Phase Change Material <i>n</i> -Octadecane Microcapsules with Peppermint Fragrance Scent. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 8130-8136.	1.8	50
3	Preparation of high encapsulation efficiency fragrance microcapsules and their application in textiles. <i>RSC Advances</i> , 2016, 6, 80924-80933.	1.7	40
4	Synthesis of surfactant-free hydroxypropyl methylcellulose nanogels for controlled release of insulin. <i>Carbohydrate Polymers</i> , 2016, 151, 1006-1011.	5.1	34
5	Adhesion mechanism and application progress of hydrogels. <i>European Polymer Journal</i> , 2022, 173, 111277.	2.6	28
6	Designed DNA nanostructure grafted with erlotinib for non-small-cell lung cancer therapy. <i>Nanoscale</i> , 2020, 12, 23953-23958.	2.8	24
7	Adhesion advances: from nanomaterials to biomimetic adhesion and applications. <i>Soft Matter</i> , 2022, 18, 3447-3464.	1.2	23
8	Synthesis of surfactant-free hydroxypropylcellulose nanogel and its dual-responsive properties. <i>Carbohydrate Polymers</i> , 2015, 134, 385-389.	5.1	21
9	Polymerization mechanism of poly(ethylene glycol dimethacrylate) fragrance nanocapsules. <i>RSC Advances</i> , 2015, 5, 96067-96073.	1.7	16
10	Photo-polymerizable ferrous sulfate liposomes as vehicles for iron fortification of food. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 30, 102286.	1.7	13
11	Synthesis and studies of poly(ethylene glycol dimethacrylate) microcapsule. <i>Colloid and Polymer Science</i> , 2016, 294, 639-646.	1.0	12
12	A facile and efficient approach for hypertrophic scar therapy via DNA-based transdermal drug delivery. <i>Nanoscale</i> , 2020, 12, 18682-18691.	2.8	12
13	Transdermal delivery of poly-hyaluronic acid-based spherical nucleic acids for chemogene therapy. <i>Nanoscale</i> , 2022, 14, 1834-1846.	2.8	12
14	Application of microencapsulation technology in silk fibers. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	1.3	10
15	A novel method to in situ synthesis of magnetic poly(N-isopropylacrylamide-co-acrylic acid) nanogels. <i>Colloid and Polymer Science</i> , 2016, 294, 1251-1257.	1.0	9
16	Out-of-the-Box Nanocapsules Packed with On-Demand Hydrophobic Anticancer Drugs for Lung Targeting, Esterase Triggering, and Synergy Therapy. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001803.	3.9	9
17	Use of caprylic/capric triglyceride in the encapsulation of dementholized peppermint fragrance leading to smaller and better distributed nanocapsules. <i>RSC Advances</i> , 2016, 6, 84119-84126.	1.7	7
18	Self-assembly and the hemolysis effect of monodisperse N,N-diethylacrylamide/acrylic acid nanogels with high contents of acrylic acid. <i>Soft Matter</i> , 2016, 12, 7273-7280.	1.2	7

#	ARTICLE	IF	CITATIONS
19	In situ synthesis of magnetic poly(N-tert-butyl acrylamide-co-acrylic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 747 Td (acid)/Fe_sb 61001-61005.	1.7	7
20	Preparation of temperature-sensitive fragrance nanocapsules and its controllable release property. Flavour and Fragrance Journal, 2022, 37, 285-292.	1.2	4
21	pH-dependent synthesis of surfactant-free hydroxypropyl methylcellulose-poly (methacrylic acid) nanogels. Colloid and Polymer Science, 0, , 1.	1.0	0
22	Cover Image, Volume 139, Issue 25. Journal of Applied Polymer Science, 2022, 139, .	1.3	0