

Chao Yang

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,434
citations

566801

15
h-index

794141

19
g-index

20
all docs

20
docs citations

20
times ranked

1936
citing authors

#	ARTICLE	IF	CITATIONS
1	A DAMP-scavenging, IL-10-releasing hydrogel promotes neural regeneration and motor function recovery after spinal cord injury. <i>Biomaterials</i> , 2022, 280, 121279.	5.7	73
2	Silver Mesoporous Silica Nanoparticles: Fabrication to Combination Therapies for Cancer and Infection. <i>Chemical Record</i> , 2022, , e202100287.	2.9	4
3	A nanoparticulate dual scavenger for targeted therapy of inflammatory bowel disease. <i>Science Advances</i> , 2022, 8, eabj2372.	4.7	87
4	Flash technology-based self-assembly in nanoformulation: Fabrication to biomedical applications. <i>Materials Today</i> , 2021, 42, 99-116.	8.3	35
5	Biomimetic co-assembled nanodrug of doxorubicin and berberine suppresses chemotherapy-exacerbated breast cancer metastasis. <i>Biomaterials</i> , 2021, 271, 120716.	5.7	49
6	A Versatile and Robust Platform for the Scalable Manufacture of Biomimetic Nanovaccines. <i>Advanced Science</i> , 2021, 8, 2002020.	5.6	43
7	Coordination and Redox Dual-Responsive Mesoporous Organosilica Nanoparticles Amplify Immunogenic Cell Death for Cancer Chemoimmunotherapy. <i>Small</i> , 2021, 17, e2100006.	5.2	40
8	Nanosilver-Decorated Biodegradable Mesoporous Organosilica Nanoparticles for GSH-Responsive Gentamicin Release and Synergistic Treatment of Antibiotic-Resistant Bacteria. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 4631-4642.	3.3	14
9	Targeting multiple mediators of sepsis using multifunctional tannic acid-Zn ²⁺ -gentamicin nanoparticles. <i>Matter</i> , 2021, 4, 3677-3695.	5.0	19
10	One-pot synthesis of chlorhexidine-templated biodegradable mesoporous organosilica nanoantiseptics. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 187, 110653.	2.5	9
11	Biomimetic Diselenide-Bridged Mesoporous Organosilica Nanoparticles as an X-ray-Responsive Biodegradable Carrier for Chemo-Immunotherapy. <i>Advanced Materials</i> , 2020, 32, e2004385.	11.1	122
12	Tannic Acid-Assisted Synthesis of Biodegradable and Antibacterial Mesoporous Organosilica Nanoparticles Decorated with Nanosilver. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 1695-1702.	3.2	31
13	Nanostructured Thermoresponsive Surfaces Engineered via Stable Immobilization of Smart Nanogels with Assistance of Polydopamine. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 44092-44101.	4.0	20
14	Reduced Graphene Oxide-Containing Smart Hydrogels with Excellent Electro-Response and Mechanical Properties for Soft Actuators. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 15758-15767.	4.0	207
15	Novel Biocompatible Thermoresponsive Poly(<i>N</i> -vinyl Caprolactam)/Clay Nanocomposite Hydrogels with Macroporous Structure and Improved Mechanical Characteristics. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 21979-21990.	4.0	46
16	Smart Hydrogels with Inhomogeneous Structures Assembled Using Nanoclay-Cross-Linked Hydrogel Subunits as Building Blocks. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 21721-21730.	4.0	98
17	Hydrogel Walkers with Electro-Driven Motility for Cargo Transport. <i>Scientific Reports</i> , 2015, 5, 13622.	1.6	100
18	Poly(<i>N</i> -isopropylacrylamide)-Clay Nanocomposite Hydrogels with Responsive Bending Property as Temperature-Controlled Manipulators. <i>Advanced Functional Materials</i> , 2015, 25, 2980-2991.	7.8	314

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19	Hole-Shell Microparticles from Controllably Evolved Double Emulsions. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8084-8087.	7.2	121