Ting Su

List of Publications by Year
in descending order

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30 papers	2,008 citations	236925 25 h-index	454955 30 g-index
30 all docs	30 docs citations	30 times ranked	2130 citing authors

#	Article	IF	Citations
1	Recent advances in natural polymer-based drug delivery systems. Reactive and Functional Polymers, 2020, 148, 104501.	4.1	192
2	Mussel-inspired agarose hydrogel scaffolds for skin tissue engineering. Bioactive Materials, 2021, 6, 579-588.	15.6	142
3	Large Emission Red-Shift of Carbon Dots by Fluorine Doping and Their Applications for Red Cell Imaging and Sensitive Intracellular Ag⁺ Detection. Journal of Physical Chemistry C, 2017, 121, 26558-26565.	3.1	125
4	Salecan-Based pH-Sensitive Hydrogels for Insulin Delivery. Molecular Pharmaceutics, 2017, 14, 431-440.	4.6	117
5	Polysaccharide-based cationic hydrogels for dye adsorption. Colloids and Surfaces B: Biointerfaces, 2018, 170, 364-372.	5.0	113
6	Polydopamine/montmorillonite-embedded pullulan hydrogels as efficient adsorbents for removing crystal violet. Journal of Hazardous Materials, 2021, 402, 123359.	12.4	107
7	Fenton-like catalyst Fe3O4@polydopamine-MnO2 for enhancing removal of methylene blue in wastewater. Colloids and Surfaces B: Biointerfaces, 2019, 181, 226-233.	5.0	99
8	Fabrication of a new polysaccharide-based adsorbent for water purification. Carbohydrate Polymers, 2018, 195, 368-377.	10.2	93
9	Pullulan-derived nanocomposite hydrogels for wastewater remediation: Synthesis and characterization. Journal of Colloid and Interface Science, 2019, 542, 253-262.	9.4	87
10	Fluorine-Doped Cationic Carbon Dots for Efficient Gene Delivery. ACS Applied Nano Materials, 2018, 1, 2376-2385.	5.0	86
11	Facile fabrication of functional hydrogels consisting of pullulan and polydopamine fibers for drug delivery. International Journal of Biological Macromolecules, 2020, 163, 366-374.	7.5	80
12	Macroporous Hydrogel Scaffolds with Tunable Physicochemical Properties for Tissue Engineering Constructed Using Renewable Polysaccharides. ACS Applied Materials & Interfaces, 2020, 12, 13256-13264.	8.0	75
13	Facile formation of salecan/agarose hydrogels with tunable structural properties for cell culture. Carbohydrate Polymers, 2019, 224, 115208.	10.2	70
14	Polydopamine-incorporated dextran hydrogel drug carrier with tailorable structure for wound healing. Carbohydrate Polymers, 2021, 253, 117213.	10.2	68
15	Design of Salecan-containing semi-IPN hydrogel for amoxicillin delivery. Materials Science and Engineering C, 2017, 75, 487-494.	7.3	67
16	Cationic Salecan-based hydrogels for release of 5-fluorouracil. RSC Advances, 2017, 7, 14337-14347.	3.6	56
17	Nitrogenâ€doped carbon dots as a fluorescent probe for the highly sensitive detection of Ag⁺ and cell imaging. Luminescence, 2018, 33, 243-248.	2.9	56
18	Synthesis and characterization of a novel cationic hydrogel base on salecan-g-PMAPTAC. International Journal of Biological Macromolecules, 2017, 101, 474-480.	7.5	45

#	Article	IF	Citations
19	Sustainable, flexible and biocompatible hydrogels derived from microbial polysaccharides with tailorable structures for tissue engineering. Carbohydrate Polymers, 2020, 237, 116160.	10.2	45
20	Polysaccharide metallohydrogel obtained from Salecan and trivalent chromium: Synthesis and characterization. Carbohydrate Polymers, 2018, 181, 285-291.	10.2	40
21	Incorporation of dumbbell-shaped and Y-shaped cross-linkers in adjustable pullulan/polydopamine hydrogels for selective adsorption of cationic dyes. Environmental Research, 2020, 182, 109010.	7.5	40
22	Biocompatible Hydrogels Based on Food Gums with Tunable Physicochemical Properties as Scaffolds for Cell Culture. Journal of Agricultural and Food Chemistry, 2020, 68, 3770-3778.	5.2	39
23	A coumarin-connected carboxylic indolinium sensor for cyanide detection in absolute aqueous medium and its application in biological cell imaging. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 228, 117710.	3.9	31
24	One-step synthesis of orange luminescent carbon dots for Ag+ sensing and cell imaging. Journal of Luminescence, 2017, 190, 188-193.	3.1	30
25	Selective determination of Ag+ using Salecan derived nitrogen doped carbon dots as a fluorescent probe. Materials Science and Engineering C, 2017, 77, 508-512.	7.3	28
26	Honeycomb-like hydrogel adsorbents derived from salecan polysaccharide for wastewater treatment. Cellulose, 2019, 26, 8759-8773.	4.9	21
27	Preparation of a Salecan/poly(2â€acrylamidoâ€2â€methylpropanosulfonic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 427 Td (acid ChemMedChem, 2017, 12, 120-129.	3.2	18
28	Scaleable two-component gelator from phthalic acid derivatives and primary alkyl amines: acidâ€“base interaction in the cooperative assembly. Soft Matter, 2017, 13, 4066-4073.	2.7	17
29	Naphthalene-benzoindole derived two novel fluorometric pH-Responsive probes for environmental systems and bioimaging. Talanta, 2019, 203, 90-98.	5.5	14
30	Lipophilic Red-Emitting Oligomeric Organic Dots for Moisture Detection and Cell Imaging. ACS Applied Nano Materials, 2020, 3, 1942-1949.	5.0	7