

Shao-Jung Wu

List of Publications by Year in descending order

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19
papers

1,134
citations

471509

17
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

1877
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics of microporous/mesoporous carbons prepared from rice husk under base- and acid-treated conditions. <i>Journal of Hazardous Materials</i> , 2009, 171, 693-703.	12.4	230
2	Multifunctional nanoparticles prepared from arginine-modified chitosan and thiolated fucoidan for oral delivery of hydrophobic and hydrophilic drugs. <i>Carbohydrate Polymers</i> , 2018, 193, 163-172.	10.2	108
3	Delivery of Berberine Using Chitosan/Fucoidan-Taurine Conjugate Nanoparticles for Treatment of Defective Intestinal Epithelial Tight Junction Barrier. <i>Marine Drugs</i> , 2014, 12, 5677-5697.	4.6	97
4	Preparation of fucoidan-shelled and genipin-crosslinked chitosan beads for antibacterial application. <i>Carbohydrate Polymers</i> , 2015, 126, 97-107.	10.2	83
5	Adsorption of copper(II) ions by a chitosan-oxalate complex biosorbent. <i>International Journal of Biological Macromolecules</i> , 2015, 72, 136-144.	7.5	81
6	Synthesis of zero-valent copper-chitosan nanocomposites and their application for treatment of hexavalent chromium. <i>Bioresource Technology</i> , 2009, 100, 4348-4353.	9.6	79
7	Combination of carboxymethyl chitosan-coated magnetic nanoparticles and chitosan-citrate complex gel beads as a novel magnetic adsorbent. <i>Carbohydrate Polymers</i> , 2015, 131, 255-263.	10.2	74
8	Preparation and characterization of radical and pH-responsive chitosan-gallic acid conjugate drug carriers. <i>Carbohydrate Polymers</i> , 2011, 84, 794-802.	10.2	73
9	Kinetics Study and Characteristics of Silica Nanoparticles Produced from Biomass-Based Material. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 8379-8387.	3.7	51
10	Preparation and characterization of porous chitosan-tripolyphosphate beads for copper(II) ion adsorption. <i>Journal of Applied Polymer Science</i> , 2013, 127, 4573-4580.	2.6	50
11	Preparation of a silver nanoparticle-based dual-functional sensor using a complexation-reduction method. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 21243-21253.	2.8	38
12	Thiol-Modified Chitosan Sulfate Nanoparticles for Protection and Release of Basic Fibroblast Growth Factor. <i>Bioconjugate Chemistry</i> , 2010, 21, 28-38.	3.6	36
13	Stimuli-responsive materials prepared from carboxymethyl chitosan and poly(β -glutamic acid) for protein delivery. <i>Carbohydrate Polymers</i> , 2012, 87, 531-536.	10.2	27
14	Bio-Derived Catalysts: A Current Trend of Catalysts Used in Biodiesel Production. <i>Catalysts</i> , 2021, 11, 812.	3.5	25
15	Cure reaction and phase separation behavior of cyanate ester-cured epoxy/polyphenylene oxide blends. <i>Journal of Applied Polymer Science</i> , 2006, 102, 1139-1145.	2.6	22
16	Effect of tannic acid-fish scale gelatin hydrolysate hybrid nanoparticles on intestinal barrier function and α -amylase activity. <i>Food and Function</i> , 2015, 6, 2283-2292.	4.6	22
17	Tripolyphosphate Cross-Linked Macromolecular Composites for the Growth of Shape- and Size-Controlled Apatites. <i>Molecules</i> , 2013, 18, 27-40.	3.8	20
18	Surface modification of polytetrafluoroethylene films by plasma pretreatment and graft copolymerization to improve their adhesion to bismaleimide. <i>Polymer International</i> , 2009, 58, 46-53.	3.1	12

#	ARTICLE	IF	CITATIONS
19	Feasibility Study on the Fused Filaments of Injection-Molding-Grade Poly(Ethylene Terephthalate) for 3D Printing. <i>Polymers</i> , 2022, 14, 2276.	4.5	6