Christina Tang

List of Publications by Citations

37 papers	965 citations	17 h-index	30 g-index
39 ext. papers	1,093 ext. citations	5.3 avg, IF	4.47 L-index

#	Paper	IF	Citations
37	In Situ Cross-Linking of Electrospun Poly(vinyl alcohol) Nanofibers. *Macromolecules*, **2010**, 43, 630-637	5.5	161
36	Alginate/Polyethylene Oxide Blend Nanofibers and the Role of the Carrier Polymer in Electrospinning. *Industrial & Engineering Chemistry Research*, **2013**, 52, 8692-8704	3.9	106
35	Electrospinning and heat treatment of whey protein nanofibers. *Food Hydrocolloids*, **2014**, 35, 36-50	10.6	89
34	Controlling and Predicting Nanoparticle Formation by Block Copolymer Directed Rapid Precipitations. *Nano Letters*, **2018**, 18, 1139-1144	11.5	64
33	Cyclodextrin fibers via polymer-free electrospinning. *RSC Advances*, **2012**, 2, 3778	3.7	53
32	Polymer directed self-assembly of pH-responsive antioxidant nanoparticles. *Langmuir*, **2015**, 31, 3612-20	4	52
31	Effect of pH on protein distribution in electrospun PVA/BSA composite nanofibers. *Biomacromolecules*, **2012**, 13, 1269-78	6.9	47
30	Cross-linked polymer nanofibers for hyperthermophilic enzyme immobilization: approaches to improve enzyme performance. *ACS Applied Materials & Interfaces*, **2014**, 6, 11899-906	9.5	46
29	Soft Multifaced and Patchy Colloids by Constrained Volume Self-Assembly. *Macromolecules*, **2016**, 49, 3580-3585	5.5	39
28	Mammalian cell viability in electrospun composite nanofiber structures. *Macromolecular Bioscience*, **2011**, 11, 1346-56	5.5	36
27	Preservation of cell viability and protein conformation on immobilization within nanofibers via electrospinning functionalized yeast. *ACS Applied Materials & Interfaces*, **2013**, 5, 9349-54	9.5	30
26	Nanofibrous membranes for single-step immobilization of hyperthermophilic enzymes. *Journal of Membrane Science*, **2014**, 472, 251-260	9.6	28
25	Cystic Fibrosis Sputum Rheology Correlates With Both Acute and Longitudinal Changes in Lung Function. *Chest*, **2018**, 154, 370-377	5.3	26
24	Rapidly dissolving poly(vinyl alcohol)/cyclodextrin electrospun nanofibrous membranes. *RSC Advances*, **2014**, 4, 13274	3.7	26
23	Polyaniline-Functionalized Nanofibers for Colorimetric Detection of HCl Vapor. *ACS Omega*, **2018**, 3, 3587-3591	3.9	18
22	Biodistribution and fate of core-labeled I polymeric nanocarriers prepared by Flash NanoPrecipitation (FNP). *Journal of Materials Chemistry B*, **2016**, 4, 2428-2434	7.3	18
21	Rapid Self-Assembly of Polymer Nanoparticles for Synergistic Codelivery of Paclitaxel and Lapatinib via Flash NanoPrecipitation. *Nanomaterials*, **2020**, 10,	5.4	13

20	Responsive foams for nanoparticle delivery. *Colloids and Surfaces B: Biointerfaces*, **2015**, 133, 81-7	6	12
19	Thermochromic Fibers via Electrospinning. *Polymers*, **2020**, 12,	4.5	10
18	Shear Force Fiber Spinning: Process Parameter and Polymer Solution Property Considerations. *Polymers*, **2019**, 11,	4.5	9
17	Efficient preparation of size tunable PEGylated gold nanoparticles. *Journal of Materials Chemistry B*, **2016**, 4, 4813-4817	7.3	9
16	Single-Step Self-Assembly and Physical Crosslinking of PEGylated Chitosan Nanoparticles by Tannic Acid. *Polymers*, **2019**, 11,	4.5	8
15	Rapid, Room Temperature Nanoparticle Drying and Low-Energy Reconstitution via Electrospinning. *Journal of Pharmaceutical Sciences*, **2018**, 107, 807-813	3.9	7
14	Improving Productivity of Multiphase Flow Aerobic Oxidation Using a Tube-in-Tube Membrane Contactor. *Catalysts*, **2019**, 9, 95	4	5
13	Rapid Self-Assembly of Metal/Polymer Nanocomposite Particles as Nanoreactors and Their Kinetic Characterization. *Nanomaterials*, **2019**, 9,	5.4	5
12	Polymeric Nanoparticle Delivery of Combination Therapy with Synergistic Effects in Ovarian Cancer. *Nanomaterials*, **2021**, 11,	5.4	5
11	Rapid, Single-Step Protein Encapsulation via Flash NanoPrecipitation. *Polymers*, **2019**, 11,	4.5	4
10	Color Space Transformation-Based Algorithm for Evaluation of Thermochromic Behavior of Cholesteric Liquid Crystals Using Polarized Light Microscopy. *ACS Omega*, **2020**, 5, 7149-7157	3.9	4
9	Preparation of PEGylated Iodine-Loaded Nanoparticles via Polymer-Directed Self-Assembly. *Macromolecular Chemistry and Physics*, **2018**, 219, 1700592	2.6	4
8	Accelerated Reaction Rates within Self-Assembled Polymer Nanoreactors with Tunable Hydrophobic Microenvironments. *Polymers*, **2020**, 12,	4.5	4
7	Self-Assembly of pH-Labile Polymer Nanoparticles for Paclitaxel Prodrug Delivery: Formulation, Characterization, and Evaluation. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	3
6	Amphiphilic Polymer Nanoreactors for Multiple Step, One-Pot Reactions and Spontaneous Product Separation. *Polymers*, **2021**, 13,	4.5	2
5	Targeted Theragnostic Nanoparticles Via Flash Nanoprecipitation: Principles of Material Selection **2016**, 55-85		1
4	Rheological characterization of poly-dimethyl siloxane formulations with tunable viscoelastic properties.. *RSC Advances*, **2021**, 11, 35910-35917	3.7	0
3	Identifying Chemical Reactions and Their Associated Attributes in Patents. *Frontiers in Research Metrics and Analytics*, **2021**, 6, 688353	1.3	0

2 3. Polymer-free electrospinning **2019**, 41-68

1 Electrospinning Parameters and Resulting Nanofiber Characteristics **2022**, 1-40