Yuting Wen

List of Publications by Year
in descending order

32 papers	1,249 citations	361413 20 h-index	434195 31 g-index
32 all docs	32 docs citations	32 times ranked	1981 citing authors

#	Article	IF	Citations
1	Injectable Thermoresponsive Hydrogel Formed by Alginate-g-Poly(N-isopropylacrylamide) That Releases Doxorubicin-Encapsulated Micelles as a Smart Drug Delivery System. ACS Applied Materials & Interfaces, 2017, 9, 35673-35682.	8.0	178
2	A Biodegradable Low Molecular Weight Polyethylenimine Derivative as Low Toxicity and Efficient Gene Vector. Bioconjugate Chemistry, 2009, 20, 322-332.	3.6	152
3	Highly Efficient Multifunctional Supramolecular Gene Carrier System Selfâ€Assembled from Redoxâ€Sensitive and Zwitterionic Polymer Blocks. Advanced Functional Materials, 2014, 24, 3874-3884.	14.9	98
4	Serum tolerance and endosomal escape capacity of histidine-modified pDNA-loaded complexes based on polyamidoamine dendrimer derivatives. Biomaterials, 2012, 33, 8111-8121.	11.4	91
5	Thermoresponsive Delivery of Paclitaxel by Î²-Cyclodextrin-Based Poly(N-isopropylacrylamide) Star Polymer via Inclusion Complexation. Biomacromolecules, 2016, 17, 3957-3963.	5.4	68
6	Thermoresponsive Hydrogel Induced by Dual Supramolecular Assemblies and Its Controlled Release Property for Enhanced Anticancer Drug Delivery. Biomacromolecules, 2020, 21, 1516-1527.	5.4	67
7	Thermoresponsive supramolecular micellar drug delivery system based on star-linear pseudo-block polymer consisting of Î²-cyclodextrin-poly(N-isopropylacrylamide) and adamantyl-poly(ethylene glycol). Journal of Colloid and Interface Science, 2017, 490, 372-379.	9.4	58
8	A serum-resistant polyamidoamine-based polypeptide dendrimer for gene transfection. Biomaterials, 2011, 32, 1619-1634.	11.4	57
9	A smart thermoresponsive adsorption system for efficient copper ion removal based on alginate-g-poly(N-isopropylacrylamide) graft copolymer. Carbohydrate Polymers, 2019, 219, 280-289.	10.2	39
10	Surface Charge Switchable Polymer/DNA Nanoparticles Responsive to Tumor Extracellular pH for Tumor-Triggered Enhanced Gene Delivery. Biomacromolecules, 2020, 21, 1136-1148.	5.4	39
11	Charge shielding effects on gene delivery of polyethylenimine/DNA complexes: PEGylation and phospholipid coating. Journal of Materials Science: Materials in Medicine, 2012, 23, 1685-1695.	3.6	38
12	A supramolecular platform for controlling and optimizing molecular architectures of siRNA targeted delivery vehicles. Science Advances, 2020, 6, eabc2148.	10.3	29
13	High mobility group box 1 protein enhances polyethylenimine mediated gene delivery in vitro. International Journal of Pharmaceutics, 2009, 375, 140-147.	5.2	26
14	Short multi-armed polylysine-graft-polyamidoamine copolymer as efficient gene vectors. International Journal of Pharmaceutics, 2011, 420, 206-215.	5.2	26
15	Î²-Cyclodextrin-Polyacrylamide Hydrogel for Removal of Organic Micropollutants from Water. Molecules, 2021, 26, 5031.	3.8	26
16	Hostâ€“guest interaction induced supramolecular amphiphilic star architecture and uniform nanovesicle formation for anticancer drug delivery. Nanoscale, 2016, 8, 1332-1337.	5.6	25
17	Converting Okara to Superabsorbent Hydrogels as Soil Supplements for Enhancing the Growth of Choy Sum (Brassica sp.) under Water-Limited Conditions. ACS Sustainable Chemistry and Engineering, 2020, 8, 9425-9433.	6.7	25
18	A novel dendrimer based on poly (L-glutamic acid) derivatives as an efficient and biocompatible gene delivery vector. Nanotechnology, 2011, 22, 375102.	2.6	24

#	Article	IF	Citations
19	Paclitaxel-loaded micelles composed of folate-poly(ethylene glycol) and poly(Î³-benzyl l-glutamate) diblock copolymer. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2010, 353, 140-148.	4.7	21
20	PEG- and PDMAEG-Graft-Modified Branched PEI as Novel Gene Vector: Synthesis, Characterization and Gene Transfection. Journal of Biomaterials Science, Polymer Edition, 2010, 21, 1103-1126.	3.5	21
21	Stability of poly(ethylene glycol)-graft-polyethylenimine copolymer/DNA complexes: influences of PEG molecular weight and PEGylation degree. Journal of Materials Science: Materials in Medicine, 2010, 21, 597-607.	3.6	20
22	Alginate-Graft-PEI as a Gene Delivery Vector with High Efficiency and Low Cytotoxicity. Journal of Biomaterials Science, Polymer Edition, 2012, 23, 315-331.	3.5	20
23	Interaction of DNA/nuclear protein/polycation and the terplexes for gene delivery. Nanotechnology, 2010, 21, 045102.	2.6	19
24	Chemical Modification of Biomass Okara Using Poly(acrylic acid) through Free Radical Graft Polymerization. Journal of Agricultural and Food Chemistry, 2020, 68, 13241-13246.	5.2	18
25	Efficient Intracellular Gene Delivery Using the Formulation Composed of Poly (L-glutamic Acid) Grafted Polyethylenimine and Histone. Pharmaceutical Research, 2011, 28, 812-826.	3.5	15
26	Synthesis of Poly(ethylene glycol)-g-Chitosan-g-Poly(ethylene imine) Co-polymer and In Vitro Study of Its Suitability as a Gene-Delivery Vector. Journal of Biomaterials Science, Polymer Edition, 2010, 21, 741-758.	3.5	10
27	Nonviral DNA Delivery System with Supramolecular PEGylation Formed by Hostâ€“Guest Pseudo-Block Copolymers. ACS Applied Bio Materials, 2021, 4, 5057-5070.	4.6	10
28	Smart Hydrogel Formed by Alginate-g-Poly(N-isopropylacrylamide) and Chitosan through Polyelectrolyte Complexation and Its Controlled Release Properties. Gels, 2022, 8, 441.	4.5	9
29	In Situ Synthesis of Magnetic Poly(DMAEAB-co-NIPAm)@Fe3O4 Composite Hydrogel for Removal of Dye from Water. Gels, 2021, 7, 201.	4.5	7
30	A hydrogel with supramolecular surface functionalization for cancer cell capture and multicellular spheroid growth and release. Chemical Communications, 2022, 58, 681-684.	4.1	7
31	Ultrastable micelles boost chemotherapy. Nature Biomedical Engineering, 2018, 2, 273-274.	22.5	5
32	Structural investigations of novel triblock cationic copolymer/DNA complexes. , 2008, , 18-21.		1