

Ying Zhang

List of Publications by Year in descending order

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19
papers

2,726
citations

430874

18
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

5309
citing authors

#	ARTICLE	IF	CITATIONS
1	Advanced materials and processing for drug delivery: The past and the future. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 104-120.	13.7	839
2	Biodegradable nanostructures with selective lysis of microbial membranes. <i>Nature Chemistry</i> , 2011, 3, 409-414.	13.6	522
3	Rapid formation of multicellular spheroids in double-emulsion droplets with controllable microenvironment. <i>Scientific Reports</i> , 2013, 3, 3462.	3.3	196
4	Self-assembled polymer nanostructures for delivery of anticancer therapeutics. <i>Nano Today</i> , 2009, 4, 302-317.	11.9	180
5	Nucleic acid-binding polymers as anti-inflammatory agents. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 14055-14060.	7.1	122
6	Self-reinforced endocytoses of smart polypeptide nanogels for "on-demand" drug delivery. <i>Journal of Controlled Release</i> , 2013, 172, 444-455.	9.9	106
7	Design, syntheses and evaluation of hemocompatible pegylated-antimicrobial polymers with well-controlled molecular structures. <i>Biomaterials</i> , 2010, 31, 1751-1756.	11.4	97
8	Nucleic acid scavengers inhibit thrombosis without increasing bleeding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 12938-12943.	7.1	92
9	Efficient One-Step Production of Microencapsulated Hepatocyte Spheroids with Enhanced Functions. <i>Small</i> , 2016, 12, 2720-2730.	10.0	89
10	A programmable microenvironment for cellular studies via microfluidics-generated double emulsions. <i>Biomaterials</i> , 2013, 34, 4564-4572.	11.4	86
11	Efficient Delivery of Bcl-2-Targeted siRNA Using Cationic Polymer Nanoparticles: Downregulating mRNA Expression Level and Sensitizing Cancer Cells to Anticancer Drug. <i>Biomacromolecules</i> , 2009, 10, 41-48.	5.4	83
12	Computational studies on self-assembled paclitaxel structures: Templates for hierarchical block copolymer assemblies and sustained drug release. <i>Biomaterials</i> , 2009, 30, 6556-6563.	11.4	78
13	Synthesis of Fluorosurfactants for Emulsion-Based Biological Applications. <i>ACS Nano</i> , 2014, 8, 3913-3920.	14.6	57
14	Hierarchical Supermolecular Structures for Sustained Drug Release. <i>Small</i> , 2009, 5, 1504-1507.	10.0	49
15	Age-Related Changes in the Inflammatory Status of Human Mesenchymal Stem Cells: Implications for Cell Therapy. <i>Stem Cell Reports</i> , 2021, 16, 694-707.	4.8	47
16	Coupling spatial segregation with synthetic circuits to control bacterial survival. <i>Molecular Systems Biology</i> , 2016, 12, 859.	7.2	33
17	Dynamic control and quantification of bacterial population dynamics in droplets. <i>Biomaterials</i> , 2015, 61, 239-245.	11.4	25
18	Investigation of alginate-chitosan-poly-L-lysine microcapsules for cell microencapsulation. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101A, 1265-1273.	4.0	18

#	ARTICLE	IF	CITATIONS
19	Immobilization of nucleic acid binding polymers as anti-inflammatory agent in autoimmunity. Journal of Controlled Release, 2015, 213, e136.	9.9	7