

Ying Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Age-Related Changes in the Inflammatory Status of Human Mesenchymal Stem Cells: Implications for Cell Therapy. Stem Cell Reports, 2021, 16, 694-707. | 4.8 | 47 |
| 2 | Efficient One-Step Production of Microencapsulated Hepatocyte Spheroids with Enhanced Functions. Small, 2016, 12, 2720-2730. | 10.0 | 89 |
| 3 | Coupling spatial segregation with synthetic circuits to control bacterial survival. Molecular Systems Biology, 2016, 12, 859. | 7.2 | 33 |
| 4 | Immobilization of nucleic acid binding polymers as anti-inflammatory agent in autoimmunity. Journal of Controlled Release, 2015, 213, e136. | 9.9 | 7 |
| 5 | Dynamic control and quantification of bacterial population dynamics in droplets. Biomaterials, 2015, 61, 239-245. | 11.4 | 25 |
| 6 | Synthesis of Fluorosurfactants for Emulsion-Based Biological Applications. ACS Nano, 2014, 8, 3913-3920. | 14.6 | 57 |
| 7 | A programmable microenvironment for cellular studies via microfluidics-generated double emulsions. Biomaterials, 2013, 34, 4564-4572. | 11.4 | 86 |
| 8 | Self-reinforced endocytoses of smart polypeptide nanogels for "on-demand" drug delivery. Journal of Controlled Release, 2013, 172, 444-455. | 9.9 | 106 |
| 9 | Advanced materials and processing for drug delivery: The past and the future. Advanced Drug Delivery Reviews, 2013, 65, 104-120. | 13.7 | 839 |
| 10 | Rapid formation of multicellular spheroids in double-emulsion droplets with controllable microenvironment. Scientific Reports, 2013, 3, 3462. | 3.3 | 196 |
| 11 | Investigation of alginate- μ -poly-L-lysine microcapsules for cell microencapsulation. Journal of Biomedical Materials Research - Part A, 2013, 101A, 1265-1273. | 4.0 | 18 |
| 12 | Nucleic acid scavengers inhibit thrombosis without increasing bleeding. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12938-12943. | 7.1 | 92 |
| 13 | Biodegradable nanostructures with selective lysis of microbial membranes. Nature Chemistry, 2011, 3, 409-414. | 13.6 | 522 |
| 14 | Nucleic acid-binding polymers as anti-inflammatory agents. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 14055-14060. | 7.1 | 122 |
| 15 | Design, syntheses and evaluation of hemocompatible pegylated-antimicrobial polymers with well-controlled molecular structures. Biomaterials, 2010, 31, 1751-1756. | 11.4 | 97 |
| 16 | Hierarchical Supermolecular Structures for Sustained Drug Release. Small, 2009, 5, 1504-1507. | 10.0 | 49 |
| 17 | Self-assembled polymer nanostructures for delivery of anticancer therapeutics. Nano Today, 2009, 4, 302-317. | 11.9 | 180 |
| 18 | Efficient Delivery of Bcl-2-Targeted siRNA Using Cationic Polymer Nanoparticles: Downregulating mRNA Expression Level and Sensitizing Cancer Cells to Anticancer Drug. Biomacromolecules, 2009, 10, 41-48. | 5.4 | 83 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Computational studies on self-assembled paclitaxel structures: Templates for hierarchical block copolymer assemblies and sustained drug release. Biomaterials, 2009, 30, 6556-6563. | 11.4 | 78 |