Yun Liu

List of Publications by Year
in descending order

29 papers	1,402 citations	394286 19 h-index	501076 28 g-index
31 all docs	31 docs citations	31 times ranked	1376 citing authors

#	Article	IF	Citations
1	Lipid Nanoparticles for Drug Delivery. Advanced NanoBiomed Research, 2022, 2, 2100109.	1.7	129
2	Development of Highâ€Drugâ€Loading Nanoparticles. ChemPlusChem, 2020, 85, 2143-2157.	1.3	128
3	Understanding the Effects of Nanocapsular Mechanical Property on Passive and Active Tumor Targeting. ACS Nano, 2018, 12, 2846-2857.	7.3	126
4	Tumor-Vasculature-on-a-Chip for Investigating Nanoparticle Extravasation and Tumor Accumulation. ACS Nano, 2018, 12, 11600-11609.	7.3	111
5	Formulation of Nanoparticles Using Mixing-Induced Nanoprecipitation for Drug Delivery. Industrial & Engineering Chemistry Research, 2020, 59, 4134-4149.	1.8	109
6	Bioinspired Coreâ€"Shell Nanoparticles for Hydrophobic Drug Delivery. Angewandte Chemie - International Edition, 2019, 58, 14357-14364.	7.2	85
7	Stable Polymer Nanoparticles with Exceptionally High Drug Loading by Sequential Nanoprecipitation. Angewandte Chemie - International Edition, 2020, 59, 4720-4728.	7.2	81
8	Fundamental studies on throughput capacities of hydrodynamic flow-focusing microfluidics for producing monodisperse polymer nanoparticles. Chemical Engineering Science, 2017, 169, 128-139.	1.9	69
9	Microfluidic self-assembly of a combinatorial library of single- and dual-ligand liposomes for in vitro and in vivo tumor targeting. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 130, 1-10.	2.0	60
10	Microfluidic Nanoparticles for Drug Delivery. Small, 2022, 18, e2106580.	5.2	58
11	Synergetic Combinations of Dualâ€Targeting Ligands for Enhanced In Vitro and In Vivo Tumor Targeting. Advanced Healthcare Materials, 2018, 7, e1800106.	3.9	50
12	A Microfluidic Tumorâ€onâ€aâ€Chip for Assessing Multifunctional Liposomes' Tumor Targeting and Anticancer Efficacy. Advanced Healthcare Materials, 2019, 8, e1900015.	3.9	47
13	Microfluidic synthesis of curcumin loaded polymer nanoparticles with tunable drug loading and pH-triggered release. Journal of Colloid and Interface Science, 2021, 594, 474-484.	5.0	45
14	Jâ€Aggregateâ€Based FRET Monitoring of Drug Release from Polymer Nanoparticles with High Drug Loading. Angewandte Chemie - International Edition, 2020, 59, 20065-20074.	7.2	42
15	Stable Polymer Nanoparticles with Exceptionally High Drug Loading by Sequential Nanoprecipitation. Angewandte Chemie, 2020, 132, 4750-4758.	1.6	40
16	Sustained-release ketamine-loaded nanoparticles fabricated by sequential nanoprecipitation. International Journal of Pharmaceutics, 2020, 581, 119291.	2.6	36
17	A general approach for biomimetic mineralization of MOF particles using biomolecules. Colloids and Surfaces B: Biointerfaces, 2020, 193, 111108.	2.5	28
18	Development of Coreâ€Shell Nanoparticle Drug Delivery Systems Based on Biomimetic Mineralization. ChemBioChem, 2020, 21, 2871-2879.	1.3	23

#	Article	IF	Citations
19	Tumor-Microenvironment-on-a-Chip for Evaluating Nanoparticle-Loaded Macrophages for Drug Delivery. ACS Biomaterials Science and Engineering, 2020, 6, 5040-5050.	2.6	22
20	Insight into drug encapsulation in polymeric nanoparticles using microfluidic nanoprecipitation. Chemical Engineering Science, 2021, 235, 116468.	1.9	21
21	FRET Ratiometric Nanoprobes for Nanoparticle Monitoring. Biosensors, 2021, 11, 505.	2.3	18
22	Macrophage-mediated cancer drug delivery. Materials Today Sustainability, 2021, 11-12, 100055.	1.9	15
23	Implications of Quenchingâ€toâ€Dequenching Switch in Quantitative Cell Uptake and Biodistribution of Dyeâ€Labeled Nanoparticles. Angewandte Chemie - International Edition, 2021, 60, 15426-15435.	7.2	15
24	Biomimetic coreâ€"shell silica nanoparticles using a dual-functional peptide. Journal of Colloid and Interface Science, 2021, 581, 185-194.	5.0	14
25	Integration of microfluidic systems with external fields for multiphase process intensification. Chemical Engineering Science, 2021, 234, 116450.	1.9	14
26	Quantitative comparison of different fluorescent dye-loaded nanoparticles. Colloids and Surfaces B: Biointerfaces, 2021, 206, 111923.	2.5	7
27	Biophysical properties of hydrogels for mimicking tumor extracellular matrix. , 2022, 136, 212782.		7
28	Implications of Quenchingâ€toâ€Dequenching Switch in Quantitative Cell Uptake and Biodistribution of Dyeâ€Labeled Nanoparticles. Angewandte Chemie, 2021, 133, 15554-15563.	1.6	1
29	Innentitelbild: Implications of Quenchingâ€toâ€Dequenching Switch in Quantitative Cell Uptake and Biodistribution of Dyeâ€Labeled Nanoparticles (Angew. Chem. 28/2021). Angewandte Chemie, 2021, 133, 15242-15242.	1.6	0