

# Yanfei Liu

## List of Publications by Year in descending order

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34  
papers

1,550  
citations

430754

18  
h-index

414303

32  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1891  
citing authors

#	ARTICLE	IF	CITATIONS
1	Letâ€7i miRNA and platinum loaded nanoâ€graphene oxide platform for detection/reversion of drug resistance and synergetic chemicalâ€photothermal inhibition of cancer cell. Chinese Chemical Letters, 2022, 33, 767-772.	4.8	23
2	Metal-Organic Frameworks for Bioimaging: Strategies and Challenges. Nanotheranostics, 2022, 6, 143-160.	2.7	26
3	Photolytic Removal of Red Blood Cell Membranes Camouflaged on Nanoparticles for Enhanced Cellular Uptake and Combined Chemo-Photodynamic Inhibition of Cancer Cells. Molecular Pharmaceutics, 2022, 19, 805-818.	2.3	13
4	Light responsive nucleic acid for biomedical application. Exploration, 2022, 2, .	5.4	19
5	Aptamer based probes for living cell intracellular molecules detection. Biosensors and Bioelectronics, 2022, 208, 114231.	5.3	23
6	Yeast as carrier for drug delivery and vaccine construction. Journal of Controlled Release, 2022, 346, 358-379.	4.8	18
7	Synthesis and antioxidant activities of berberine 9- <i>O</i> -benzoic acid derivatives. RSC Advances, 2021, 11, 17611-17621.	1.7	8
8	Aptamer-Based Drug Delivery Systems. , 2021, , 77-113.		0
9	Deoxyribonucleic acid anchored on cell membranes for biomedical application. Biomaterials Science, 2021, 9, 6691-6717.	2.6	5
10	Tumor microenvironment responsive drug delivery systems. Asian Journal of Pharmaceutical Sciences, 2020, 15, 416-448.	4.3	114
11	Metal-organic frameworks for stimuli-responsive drug delivery. Biomaterials, 2020, 230, 119619.	5.7	378
12	Metal-organic frameworks for virus detection. Biosensors and Bioelectronics, 2020, 169, 112604.	5.3	71
13	Aptamer-functionalized molybdenum disulfide nanosheets for tumor cell targeting and lysosomal acidic environment/NIR laser responsive drug delivery to realize synergetic chemo-photothermal therapeutic effects. International Journal of Pharmaceutics, 2020, 590, 119948.	2.6	27
14	Dynamic DNA Assemblies in Biomedical Applications. Advanced Science, 2020, 7, 2000557.	5.6	34
15	Tumor microenvironment and NIR laser dual-responsive release of berberine 9- <i>O</i> -pyrazole alkyl derivative loaded in graphene oxide nanosheets for chemo-photothermal synergetic cancer therapy. Journal of Materials Chemistry B, 2020, 8, 4046-4055.	2.9	35
16	Aptamerâ€Pyropheophorbide a Conjugates with Tumor Spheroid Targeting and Penetration Abilities for Photodynamic Therapy. Molecular Pharmaceutics, 2020, 17, 2882-2890.	2.3	18
17	Interfacing DNA with nanoparticles: Surface science and its applications in biosensing. International Journal of Biological Macromolecules, 2020, 151, 757-780.	3.6	43
18	Aptamer-Based Targeted Drug Delivery Systems: Current Potential and Challenges. Current Medicinal Chemistry, 2020, 27, 2189-2219.	1.2	126

#	ARTICLE	IF	CITATIONS
19	Cancer protein biomarker discovery based on nucleic acid aptamers. <i>International Journal of Biological Macromolecules</i> , 2019, 132, 190-202.	3.6	65
20	Advances in aptamer screening technologies. <i>Talanta</i> , 2019, 200, 124-144.	2.9	89
21	Synthesis and Anticancer Activity of 9-O-Pyrazole Alkyl Substituted Berberine Derivatives. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 18, 1639-1648.	0.9	9
22	Investigations on the interface of nucleic acid aptamers and binding targets. <i>Analyst</i> , The, 2018, 143, 5317-5338.	1.7	193
23	Berberine Derivatives with Different Pharmacological Activities via Structural Modifications. <i>Mini-Reviews in Medicinal Chemistry</i> , 2018, 18, 1424-1441.	1.1	39
24	Synthesis and anti-inflammatory effects of a series of novel 9-O-substituted berberine derivatives. <i>Medicinal Chemistry Research</i> , 2017, 26, 672-679.	1.1	8
25	Synchronous recovery of iron and electricity using a single chamber air-cathode microbial fuel cell. <i>RSC Advances</i> , 2017, 7, 12503-12510.	1.7	11
26	Cefepime loaded O-carboxymethyl chitosan microspheres with sustained bactericidal activity and enhanced biocompatibility. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2017, 28, 79-92.	1.9	8
27	Synthesis and hypoglycemic activity of 9- O -(lipophilic group substituted) berberine derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 4799-4803.	1.0	40
28	Hydroxylation of multi-walled carbon nanotubes: Enhanced biocompatibility through reduction of oxidative stress initiated cell membrane damage, cell cycle arrestment and extrinsic apoptotic pathway. <i>Environmental Toxicology and Pharmacology</i> , 2016, 47, 124-130.	2.0	10
29	Carboxylation of multiwalled carbon nanotube attenuated the cytotoxicity by limiting the oxidative stress initiated cell membrane integrity damage, cell cycle arrestment, and death receptor mediated apoptotic pathway. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 2770-2777.	2.1	20
30	Synthesis of poly(propylene-co-lactide carbonate) and hydrolysis of the terpolymer. <i>Polymer Bulletin</i> , 2011, 66, 327-340.	1.7	30
31	Preparation and properties of poly(propylene carbonate maleate) microcapsules for controlled release of pazufloxacin mesilate. <i>Journal of Applied Polymer Science</i> , 2011, 122, 3248-3254.	1.3	9
32	Preparation of poly(butylene-co-ε-caprolactone carbonate) and their use as drug carriers for a controlled delivery system. <i>Journal of Polymer Science Part A</i> , 2007, 45, 2152-2160.	2.5	20
33	Preparation of carbon dioxide/propylene oxide/ε-caprolactone copolymers and their drug release behaviors. <i>Polymer Bulletin</i> , 2007, 59, 117-125.	1.7	14
34	Metal-Organic Frameworks as Sensors of Biomolecules. <i>ACS Symposium Series</i> , 0, , 1-31.	0.5	4