

Yanfei Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8956276/publications.pdf>

Version: 2024-02-01

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	Metal-organic frameworks for stimuli-responsive drug delivery. <i>Biomaterials</i> , 2020, 230, 119619.	5.7	378
2	Investigations on the interface of nucleic acid aptamers and binding targets. <i>Analyst</i> , The, 2018, 143, 5317-5338.	1.7	193
3	Aptamer-Based Targeted Drug Delivery Systems: Current Potential and Challenges. <i>Current Medicinal Chemistry</i> , 2020, 27, 2189-2219.	1.2	126
4	Tumor microenvironment responsive drug delivery systems. <i>Asian Journal of Pharmaceutical Sciences</i> , 2020, 15, 416-448.	4.3	114
5	Advances in aptamer screening technologies. <i>Talanta</i> , 2019, 200, 124-144.	2.9	89
6	Metal-organic frameworks for virus detection. <i>Biosensors and Bioelectronics</i> , 2020, 169, 112604.	5.3	71
7	Cancer protein biomarker discovery based on nucleic acid aptamers. <i>International Journal of Biological Macromolecules</i> , 2019, 132, 190-202.	3.6	65
8	Interfacing DNA with nanoparticles: Surface science and its applications in biosensing. <i>International Journal of Biological Macromolecules</i> , 2020, 151, 757-780.	3.6	43
9	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
10	Berberine Derivatives with Different Pharmacological Activities via Structural Modifications. <i>Mini-Reviews in Medicinal Chemistry</i> , 2018, 18, 1424-1441.	1.1	39
11	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. <i>Journal of Materials Chemistry B</i> , 2020, 8, 4046-4055.	2.9	35
12	Dynamic DNA Assemblies in Biomedical Applications. <i>Advanced Science</i> , 2020, 7, 2000557.	5.6	34
13	Synthesis of poly(propylene-co-lactide carbonate) and hydrolysis of the terpolymer. <i>Polymer Bulletin</i> , 2011, 66, 327-340.	1.7	30
14	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. <i>International Journal of Pharmaceutics</i> , 2020, 590, 119948.	2.6	27
15	Metal-Organic Frameworks for Bioimaging: Strategies and Challenges. <i>Nanotheranostics</i> , 2022, 6, 143-160.	2.7	26
16	Let-7 miRNA and platinum loaded nano-graphene oxide platform for detection/reversion of drug resistance and synergetic chemo-photothermal inhibition of cancer cell. <i>Chinese Chemical Letters</i> , 2022, 33, 767-772.	4.8	23
17	Aptamer based probes for living cell intracellular molecules detection. <i>Biosensors and Bioelectronics</i> , 2022, 208, 114231.	5.3	23
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Light responsive nucleic acid for biomedical application. <i>Exploration</i> , 2022, 2, .	5.4	19
21	Aptamer- ϵ -Pyropheophorbide a Conjugates with Tumor Spheroid Targeting and Penetration Abilities for Photodynamic Therapy. <i>Molecular Pharmaceutics</i> , 2020, 17, 2882-2890.	2.3	18
22	Yeast as carrier for drug delivery and vaccine construction. <i>Journal of Controlled Release</i> , 2022, 346, 358-379.	4.8	18
23	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
24	Photolytic Removal of Red Blood Cell Membranes Camouflaged on Nanoparticles for Enhanced Cellular Uptake and Combined Chemo-Photodynamic Inhibition of Cancer Cells. <i>Molecular Pharmaceutics</i> , 2022, 19, 805-818.	2.3	13
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	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
27	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
28	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
29	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
30	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
31	Synthesis and antioxidant activities of berberine 9- <i>O</i> -benzoic acid derivatives. <i>RSC Advances</i> , 2021, 11, 17611-17621.	1.7	8
32	Deoxyribonucleic acid anchored on cell membranes for biomedical application. <i>Biomaterials Science</i> , 2021, 9, 6691-6717.	2.6	5
33	Metal-Organic Frameworks as Sensors of Biomolecules. <i>ACS Symposium Series</i> , 0, , 1-31.	0.5	4
34	Aptamer-Based Drug Delivery Systems. , 2021, , 77-113.		0