

Lulu Fan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

91
papers

6,222
citations

35
h-index

78
g-index

99
ext. papers

7,071
ext. citations

7.1
avg, IF

5.7
L-index

#	Paper	IF	Citations
91	Biomimetic polyphenol-coated nanoparticles by Co-assembly of mTOR inhibitor and photosensitizer for synergistic chemo-photothermal therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022 , 209, 112177	6	1
90	Platelet membrane-cloaked selenium/ginsenoside Rb1 nanosystem as biomimetic reactor for atherosclerosis therapy.. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022 , 214, 112464	6	2
89	Protective Effects and Therapeutics of Ginsenosides for Improving Endothelial Dysfunction: From Therapeutic Potentials, Pharmaceutical Developments to Clinical Trials.. <i>The American Journal of Chinese Medicine</i> , 2022 , 1-24	6	0
88	Biomimetic nanoparticles: U937 cell membranes based core-shell nanosystems for targeted atherosclerosis therapy. <i>International Journal of Pharmaceutics</i> , 2021 , 611, 121297	6.5	2
87	Recent advances of sorafenib nanoformulations for cancer therapy: Smart nanosystem and combination therapy. <i>Asian Journal of Pharmaceutical Sciences</i> , 2021 , 16, 318-336	9	6
86	Insight on structure-property relationships of carrageenan from marine red algal: A review. <i>Carbohydrate Polymers</i> , 2021 , 257, 117642	10.3	17
85	Cell adhesion molecule-mediated therapeutic strategies in atherosclerosis: From a biological basis and molecular mechanism to drug delivery nanosystems. <i>Biochemical Pharmacology</i> , 2021 , 186, 114471	6	5
84	A smart dual-drug nanosystem based on co-assembly of plant and food-derived natural products for synergistic HCC immunotherapy. <i>Acta Pharmaceutica Sinica B</i> , 2021 , 11, 246-257	15.5	2
83	Accelerating transdermal delivery of insulin by ginsenoside nanoparticles with unique permeability. <i>International Journal of Pharmaceutics</i> , 2021 , 605, 120784	6.5	4
82	Co-delivery of Sorafenib and CRISPR/Cas9 Based on Targeted Core-Shell Hollow Mesoporous Organosilica Nanoparticles for Synergistic HCC Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 57362-57372	9.5	29
81	Self-assembled amphiphile-based nanoparticles for the inhibition of hepatocellular carcinoma metastasis via ICAM-1 mediated cell adhesion. <i>Acta Biomaterialia</i> , 2020 , 111, 373-385	10.8	1
80	The effects of ginsenosides on platelet aggregation and vascular intima in the treatment of cardiovascular diseases: From molecular mechanisms to clinical applications. <i>Pharmacological Research</i> , 2020 , 159, 105031	10.2	7
79	Efficient CRISPR/Cas9 gene-chemo synergistic cancer therapy via a stimuli-responsive chitosan-based nanocomplex elicits anti-tumorigenic pathway effect. <i>Chemical Engineering Journal</i> , 2020 , 393, 124688	14.7	18
78	One nanometer self-assembled aptamer-DNA dendrimers carry 350 doxorubicin: Super-stability and intra-nuclear DNA comet tail. <i>Chemical Engineering Journal</i> , 2020 , 388, 124170	14.7	7
77	Therapeutic potential of ginsenosides on diabetes: From hypoglycemic mechanism to clinical trials. <i>Journal of Functional Foods</i> , 2020 , 64, 103630	5.1	18
76	A study to evaluate herb-drug interaction underlying mechanisms: An investigation of ginsenosides attenuating the effect of warfarin on cardiovascular diseases. <i>European Journal of Pharmaceutical Sciences</i> , 2020 , 142, 105100	5.1	2
75	Evolution from small molecule to nano-drug delivery systems: An emerging approach for cancer therapy of ursolic acid. <i>Asian Journal of Pharmaceutical Sciences</i> , 2020 , 15, 685-700	9	20

74	Carrier-free nanodrug: A novel strategy of cancer diagnosis and synergistic therapy. <i>International Journal of Pharmaceutics</i> , 2019 , 570, 118663	6.5	46
73	Carrier-free nanodrugs for in vivo NIR bioimaging and chemo-photothermal synergistic therapy. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 6914-6923	7.3	21
72	Evolution in medicinal chemistry of sorafenib derivatives for hepatocellular carcinoma. <i>European Journal of Medicinal Chemistry</i> , 2019 , 179, 916-935	6.8	17
71	Ursolic Acid in Cancer Treatment and Metastatic Chemoprevention: From Synthesized Derivatives to Nanoformulations in Preclinical Studies. <i>Current Cancer Drug Targets</i> , 2019 , 19, 245-256	2.8	11
70	Eliminating blood oncogenic exosomes into the small intestine with aptamer-functionalized nanoparticles. <i>Nature Communications</i> , 2019 , 10, 5476	17.4	39
69	CXCR7 is not obligatory for CXCL12-CXCR4-induced epithelial-mesenchymal transition in human ovarian cancer. <i>Molecular Carcinogenesis</i> , 2019 , 58, 144-155	5	15
68	Carrier-free nanodrug by co-assembly of chemotherapeutic agent and photosensitizer for cancer imaging and chemo-photo combination therapy. <i>Acta Biomaterialia</i> , 2018 , 70, 197-210	10.8	47
67	Carrier-Free, Pure Nanodrug Formed by the Self-Assembly of an Anticancer Drug for Cancer Immune Therapy. <i>Molecular Pharmaceutics</i> , 2018 , 15, 2466-2478	5.6	58
66	Co-delivery of sorafenib and siVEGF based on mesoporous silica nanoparticles for ASGPR mediated targeted HCC therapy. <i>European Journal of Pharmaceutical Sciences</i> , 2018 , 111, 492-502	5.1	53
65	A self-assembly nanodrug delivery system based on amphiphilic low generations of PAMAM dendrimers-ursolic acid conjugate modified by lactobionic acid for HCC targeting therapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018 , 14, 227-236	6	25
64	Small Molecule Nanodrug Assembled of Dual-Anticancer Drug Conjugate for Synergetic Cancer Metastasis Therapy. <i>Bioconjugate Chemistry</i> , 2018 , 29, 3495-3502	6.3	15
63	Comparisons between Graphene Oxide and Graphdiyne Oxide in Physicochemistry Biology and Cytotoxicity. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 32946-32954	9.5	30
62	A novel S-nitrosocaptopril monohydrate for pulmonary arterial hypertension: HO and -SNO intermolecular stabilization chemistry. <i>Free Radical Biology and Medicine</i> , 2018 , 129, 107-115	7.8	2
61	Metapristone suppresses non-small cell lung cancer proliferation and metastasis via modulating RAS/RAF/MEK/MAPK signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 90, 437-445	7.5	22
60	A smart pH-responsive nano-carrier as a drug delivery system for the targeted delivery of ursolic acid: suppresses cancer growth and metastasis by modulating P53/MMP-9/PTEN/CD44 mediated multiple signaling pathways. <i>Nanoscale</i> , 2017 , 9, 9428-9439	7.7	69
59	Simultaneous inhibition of growth and metastasis of hepatocellular carcinoma by co-delivery of ursolic acid and sorafenib using lactobionic acid modified and pH-sensitive chitosan-conjugated mesoporous silica nanocomplex. <i>Biomaterials</i> , 2017 , 143, 1-16	15.6	115
58	Dual-Targeting Multifunctional Mesoporous Silica Nanocarrier for Codelivery of siRNA and Ursolic Acid to Folate Receptor Overexpressing Cancer Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 6904-6911	5.7	30
57	Global deregulation of ginseng products may be a safety hazard to warfarin takers: solid evidence of ginseng-warfarin interaction. <i>Scientific Reports</i> , 2017 , 7, 5813	4.9	12

56	Synergistic Chemopreventive and Therapeutic Effects of Co-drug UA-Met: Implication in Tumor Metastasis. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 10973-10983	5.7	8
55	Biostable Aptamer Rings Conjugated for Targeting Two Biomarkers on Circulating Tumor Cells in Vivo with Great Precision. <i>Chemistry of Materials</i> , 2017 , 29, 10312-10325	9.6	26
54	Sex-related pharmacokinetic differences and mechanisms of metapristone (RU486 metabolite). <i>Scientific Reports</i> , 2017 , 7, 17190	4.9	8
53	A Small Molecule Nanodrug by Self-Assembly of Dual Anticancer Drugs and Photosensitizer for Synergistic near-Infrared Cancer Theranostics. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 43508-43519	8.5	72
52	A carrier-free dual-drug nanodelivery system functionalized with aptamer specific targeting HER2-overexpressing cancer cells. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 9121-9129	7.3	27
51	Synthesis, SAR and pharmacological characterization of novel anthraquinone cation compounds as potential anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2017 , 125, 902-913	6.8	23
50	pH-Sensitive mesoporous silica nanoparticles anticancer prodrugs for sustained release of ursolic acid and the enhanced anti-cancer efficacy for hepatocellular carcinoma cancer. <i>European Journal of Pharmaceutical Sciences</i> , 2017 , 96, 456-463	5.1	61
49	PLGA-PEG-PLGA triblock copolymeric micelles as oral drug delivery system: In vitro drug release and in vivo pharmacokinetics assessment. <i>Journal of Colloid and Interface Science</i> , 2017 , 490, 542-552	9.3	53
48	Metapristone (RU486 metabolite) suppresses NSCLC by targeting EGFR-mediated PI3K/AKT pathway. <i>Oncotarget</i> , 2017 , 8, 78351-78364	3.3	8
47	Nanodrug formulations to enhance HIV drug exposure in lymphoid tissues and cells: clinical significance and potential impact on treatment and eradication of HIV/AIDS. <i>Nanomedicine</i> , 2016 , 11, 545-64	5.6	24
46	In vitro and in vivo efficacy and safety evaluation of metapristone and mifepristone as cancer metastatic chemopreventive agents. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 78, 291-300	7.5	17
45	A novel co-drug of aspirin and ursolic acid interrupts adhesion, invasion and migration of cancer cells to vascular endothelium via regulating EMT and EGFR-mediated signaling pathways: multiple targets for cancer metastasis prevention and treatment. <i>Oncotarget</i> , 2016 , 7, 73114-73129	3.3	35
44	Warfarin and coumarin-like <i>Murraya paniculata</i> extract down-regulate EpCAM-mediated cell adhesion: individual components versus mixture for studying botanical metastatic chemopreventives. <i>Scientific Reports</i> , 2016 , 6, 30549	4.9	11
43	Drug Targeting in Nanomedicine and Nanopharmacy: A Systems Approach 2016 , 403-424		
42	Enhanced Specificity in Capturing and Restraining Circulating Tumor Cells with Dual Antibody-Dendrimer Conjugates. <i>Advanced Functional Materials</i> , 2015 , 25, 1304-1313	15.6	36
41	Pharmacokinetics and metabolism study of isoboldine, a major bioactive component from <i>Radix Linderae</i> in male rats by UPLC-MS/MS. <i>Journal of Ethnopharmacology</i> , 2015 , 171, 154-60	5	12
40	Ex vivo and in vivo capture and deactivation of circulating tumor cells by dual-antibody-coated nanomaterials. <i>Journal of Controlled Release</i> , 2015 , 209, 159-69	11.7	30
39	Systems pharmacology of mifepristone (RU486) reveals its 47 hub targets and network: comprehensive analysis and pharmacological focus on FAK-Src-Paxillin complex. <i>Scientific Reports</i> , 2015 , 5, 7830	4.9	19

38	Isolation and characterization of living circulating tumor cells in patients by immunomagnetic negative enrichment coupled with flow cytometry. <i>Cancer</i> , 2015 , 121, 3036-45	6.4	55
37	Synthesis, Characterization, and Anticancer Activity of Novel Lipophilic Emodin Cationic Derivatives. <i>Chemical Biology and Drug Design</i> , 2015 , 86, 1451-7	2.9	6
36	Systems Approach to targeted and long-acting HIV/AIDS therapy. <i>Drug Delivery and Translational Research</i> , 2015 , 5, 531-9	6.2	15
35	Synthesis and Biological Evaluation of Novel Ursolic acid Derivatives as Potential Anticancer Prodrugs. <i>Chemical Biology and Drug Design</i> , 2015 , 86, 1397-404	2.9	39
34	A pentacyclic triterpene natural product, ursolic acid and its prodrug US597 inhibit targets within cell adhesion pathway and prevent cancer metastasis. <i>Oncotarget</i> , 2015 , 6, 9295-312	3.3	60
33	Aspirin, lysine, mifepristone and doxycycline combined can effectively and safely prevent and treat cancer metastasis: prevent seeds from gemmating on soil. <i>Oncotarget</i> , 2015 , 6, 35157-72	3.3	32
32	UP12, a novel ursolic acid derivative with potential for targeting multiple signaling pathways in hepatocellular carcinoma. <i>Biochemical Pharmacology</i> , 2015 , 93, 151-62	6	46
31	Dendrimeric anticancer prodrugs for targeted delivery of ursolic acid to folate receptor-expressing cancer cells: synthesis and biological evaluation. <i>European Journal of Pharmaceutical Sciences</i> , 2015 , 70, 55-63	5.1	56
30	A novel UPLC-MS/MS method for sensitive quantitation of boldine in plasma, a potential anti-inflammatory agent: application to a pharmacokinetic study in rats. <i>Biomedical Chromatography</i> , 2015 , 29, 459-64	1.7	6
29	Synergism of ursolic acid derivative US597 with 2-deoxy-D-glucose to preferentially induce tumor cell death by dual-targeting of apoptosis and glycolysis. <i>Scientific Reports</i> , 2014 , 4, 5006	4.9	55
28	Synthesis, spectral characterization, and in vitro cellular activities of metapristone, a potential cancer metastatic chemopreventive agent derived from mifepristone (RU486). <i>AAPS Journal</i> , 2014 , 16, 289-98	3.7	42
27	A novel UPLC/MS/MS method for rapid determination of metapristone in rat plasma, a new cancer metastasis chemopreventive agent derived from mifepristone (RU486). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 95, 158-63	3.5	19
26	The unique pharmacological characteristics of mifepristone (RU486): from terminating pregnancy to preventing cancer metastasis. <i>Medicinal Research Reviews</i> , 2014 , 34, 979-1000	14.4	53
25	Drug enterohepatic circulation and disposition: constituents of systems pharmacokinetics. <i>Drug Discovery Today</i> , 2014 , 19, 326-40	8.8	39
24	Nanotechnology-based intelligent drug design for cancer metastasis treatment. <i>Biotechnology Advances</i> , 2014 , 32, 761-77	17.8	131
23	A signal-on fluorescence biosensor for detection of adenosine triphosphate based on click chemistry. <i>Analytical Methods</i> , 2014 , 6, 3370-3374	3.2	9
22	Ultrasensitive colorimetric carcinoembryonic antigen biosensor based on hyperbranched rolling circle amplification. <i>Analyst, The</i> , 2014 , 139, 4330-4	5	26
21	Pharmaceutical development, composition and quantitative analysis of phthalocyanine as the photosensitizer for cancer photodynamic therapy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 87, 98-104	3.5	97

20	Nitric oxide inhibits hetero-adhesion of cancer cells to endothelial cells: restraining circulating tumor cells from initiating metastatic cascade. <i>Scientific Reports</i> , 2014 , 4, 4344	4.9	58
19	The architecture and biological function of dual antibody-coated dendrimers: enhanced control of circulating tumor cells and their hetero-adhesion to endothelial cells for metastasis prevention. <i>Theranostics</i> , 2014 , 4, 1250-63	12.1	35
18	G-quadruplex DNA biosensor for sensitive visible detection of genetically modified food. <i>Talanta</i> , 2014 , 128, 445-9	6.2	17
17	Intracellular distribution and mechanisms of actions of photosensitizer Zinc(II)-phthalocyanine solubilized in Cremophor EL against human hepatocellular carcinoma HepG2 cells. <i>Cancer Letters</i> , 2013 , 330, 49-56	9.9	52
16	Nanoproteomics: a new sprout from emerging links between nanotechnology and proteomics. <i>Trends in Biotechnology</i> , 2013 , 31, 99-107	15.1	34
15	Potential serious interactions between nutraceutical ginseng and warfarin in patients with ischemic stroke. <i>Trends in Pharmacological Sciences</i> , 2013 , 34, 85-6	13.2	15
14	Photothermal nanodrugs: potential of TNF-gold nanospheres for cancer theranostics. <i>Scientific Reports</i> , 2013 , 3, 1293	4.9	104
13	A novel SPE-HPLC method for simultaneous determination of selected sulfonated phthalocyanine zinc complexes in mouse plasma following cassette dosing. <i>Analyst, The</i> , 2013 , 138, 4385-92	5	5
12	Carbon-Based Dots Co-doped with Nitrogen and Sulfur for High Quantum Yield and Excitation-Independent Emission. <i>Angewandte Chemie</i> , 2013 , 125, 7954-7958	3.6	145
11	Carbon-based dots co-doped with nitrogen and sulfur for high quantum yield and excitation-independent emission. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 7800-4	16.4	1562
10	Separation of ginseng active ingredients and their roles in cancer metastasis supplementary therapy. <i>Current Drug Metabolism</i> , 2013 , 14, 616-23	3.5	12
9	Compilation of 222 drugs plasma protein binding data and guidance for study designs. <i>Drug Discovery Today</i> , 2012 , 17, 475-85	8.8	135
8	In vivo blood glucose quantification using Raman spectroscopy. <i>PLoS ONE</i> , 2012 , 7, e48127	3.7	80
7	Raman spectroscopy of circulating single red blood cells in microvessels in vivo. <i>Vibrational Spectroscopy</i> , 2012 , 63, 367-370	2.1	14
6	Inhibition of human hepatocellular carcinoma HepG2 by phthalocyanine photosensitiser PHOTOCYANINE: ROS production, apoptosis, cell cycle arrest. <i>European Journal of Cancer</i> , 2012 , 48, 2086-96	7.5	58
5	Synthesis and antitumor activity of emodin quaternary ammonium salt derivatives. <i>European Journal of Medicinal Chemistry</i> , 2012 , 56, 308-19	6.8	13
4	Synthesis and biological activity evaluation of emodin quaternary ammonium salt derivatives as potential anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2012 , 56, 320-31	6.8	24
3	Polyamine-functionalized carbon quantum dots for chemical sensing. <i>Carbon</i> , 2012 , 50, 2810-2815	10.4	463

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| 2 | Blue luminescent graphene quantum dots and graphene oxide prepared by tuning the carbonization degree of citric acid. <i>Carbon</i> , 2012 , 50, 4738-4743 | 10.4 | 1265 |
| 1 | In vitro and in vivo anticancer activity evaluation of ursolic acid derivatives. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 2652-61 | 6.8 | 95 |