Lulu Fan

List of Publications by Citations

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	Carbon-based dots co-doped with nitrogen and sulfur for high quantum yield and excitation-independent emission. *Angewandte Chemie - International Edition*, **2013**, 52, 7800-4	16.4	1562
90	Blue luminescent graphene quantum dots and graphene oxide prepared by tuning the carbonization degree of citric acid. *Carbon*, **2012**, 50, 4738-4743	10.4	1265
89	Polyamine-functionalized carbon quantum dots for chemical sensing. *Carbon*, **2012**, 50, 2810-2815	10.4	463
88	Carbon-Based Dots Co-doped with Nitrogen and Sulfur for High Quantum Yield and Excitation-Independent Emission. *Angewandte Chemie*, **2013**, 125, 7954-7958	3.6	145
87	Compilation of 222 drugsUplasma protein binding data and guidance for study designs. *Drug Discovery Today*, **2012**, 17, 475-85	8.8	135
86	Nanotechnology-based intelligent drug design for cancer metastasis treatment. *Biotechnology Advances*, **2014**, 32, 761-77	17.8	131
85	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. *Biomaterials*, **2017**, 143, 1-16	15.6	115
84	Photothermal nanodrugs: potential of TNF-gold nanospheres for cancer theranostics. *Scientific Reports*, **2013**, 3, 1293	4.9	104
83	Pharmaceutical development, composition and quantitative analysis of phthalocyanine as the photosensitizer for cancer photodynamic therapy. *Journal of Pharmaceutical and Biomedical Analysis*, **2014**, 87, 98-104	3.5	97
82	In vitro and in vivo anticancer activity evaluation of ursolic acid derivatives. *European Journal of Medicinal Chemistry*, **2011**, 46, 2652-61	6.8	95
81	In vivo blood glucose quantification using Raman spectroscopy. *PLoS ONE*, **2012**, 7, e48127	3.7	80
80	A Small Molecule Nanodrug by Self-Assembly of Dual Anticancer Drugs and Photosensitizer for Synergistic near-Infrared Cancer Theranostics. *ACS Applied Materials & Interfaces*, **2017**, 9, 43508-43519	9.5	72
79	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. *Nanoscale*, **2017**, 9, 9428-9439	7.7	69
78	pH-Sensitive mesoporous silica nanoparticles anticancer prodrugs for sustained release of ursolic acid and the enhanced anti-cancer efficacy for hepatocellular carcinoma cancer. *European Journal of Pharmaceutical Sciences*, **2017**, 96, 456-463	5.1	61
77	A pentacyclic triterpene natural product, ursolic acid and its prodrug US597 inhibit targets within cell adhesion pathway and prevent cancer metastasis. *Oncotarget*, **2015**, 6, 9295-312	3.3	60
76	Carrier-Free, Pure Nanodrug Formed by the Self-Assembly of an Anticancer Drug for Cancer Immune Therapy. *Molecular Pharmaceutics*, **2018**, 15, 2466-2478	5.6	58
75	Nitric oxide inhibits hetero-adhesion of cancer cells to endothelial cells: restraining circulating tumor cells from initiating metastatic cascade. *Scientific Reports*, **2014**, 4, 4344	4.9	58

74	Inhibition of human hepatocellular carcinoma HepG2 by phthalocyanine photosensitiser PHOTOCYANINE: ROS production, apoptosis, cell cycle arrest. *European Journal of Cancer*, **2012**, 48, 2086-96	7.5	58
73	Dendrimeric anticancer prodrugs for targeted delivery of ursolic acid to folate receptor-expressing cancer cells: synthesis and biological evaluation. *European Journal of Pharmaceutical Sciences*, **2015**, 70, 55-63	5.1	56
72	Isolation and characterization of living circulating tumor cells in patients by immunomagnetic negative enrichment coupled with flow cytometry. *Cancer*, **2015**, 121, 3036-45	6.4	55
71	Synergism of ursolic acid derivative US597 with 2-deoxy-D-glucose to preferentially induce tumor cell death by dual-targeting of apoptosis and glycolysis. *Scientific Reports*, **2014**, 4, 5006	4.9	55
70	The unique pharmacological characteristics of mifepristone (RU486): from terminating pregnancy to preventing cancer metastasis. *Medicinal Research Reviews*, **2014**, 34, 979-1000	14.4	53
69	PLGA-PEG-PLGA triblock copolymeric micelles as oral drug delivery system: In vitro drug release and in vivo pharmacokinetics assessment. *Journal of Colloid and Interface Science*, **2017**, 490, 542-552	9.3	53
68	Co-delivery of sorafenib and siVEGF based on mesoporous silica nanoparticles for ASGPR mediated targeted HCC therapy. *European Journal of Pharmaceutical Sciences*, **2018**, 111, 492-502	5.1	53
67	Intracellular distribution and mechanisms of actions of photosensitizer Zinc(II)-phthalocyanine solubilized in Cremophor EL against human hepatocellular carcinoma HepG2 cells. *Cancer Letters*, **2013**, 330, 49-56	9.9	52
66	Carrier-free nanodrug by co-assembly of chemotherapeutic agent and photosensitizer for cancer imaging and chemo-photo combination therapy. *Acta Biomaterialia*, **2018**, 70, 197-210	10.8	47
65	Carrier-free nanodrug: A novel strategy of cancer diagnosis and synergistic therapy. *International Journal of Pharmaceutics*, **2019**, 570, 118663	6.5	46
64	UP12, a novel ursolic acid derivative with potential for targeting multiple signaling pathways in hepatocellular carcinoma. *Biochemical Pharmacology*, **2015**, 93, 151-62	6	46
63	Synthesis, spectral characterization, and in vitro cellular activities of metapristone, a potential cancer metastatic chemopreventive agent derived from mifepristone (RU486). *AAPS Journal*, **2014**, 16, 289-98	3.7	42
62	Drug enterohepatic circulation and disposition: constituents of systems pharmacokinetics. *Drug Discovery Today*, **2014**, 19, 326-40	8.8	39
61	Synthesis and Biological Evaluation of Novel Ursolic acid Derivatives as Potential Anticancer Prodrugs. *Chemical Biology and Drug Design*, **2015**, 86, 1397-404	2.9	39
60	Eliminating blood oncogenic exosomes into the small intestine with aptamer-functionalized nanoparticles. *Nature Communications*, **2019**, 10, 5476	17.4	39
59	Enhanced Specificity in Capturing and Restraining Circulating Tumor Cells with Dual AntibodyDendrimer Conjugates. *Advanced Functional Materials*, **2015**, 25, 1304-1313	15.6	36
58	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. *Theranostics*, **2014**, 4, 1250-63	12.1	35
57	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. *Oncotarget*, **2016**, 7, 73114-73129	3.3	35

56	Nanoproteomics: a new sprout from emerging links between nanotechnology and proteomics. *Trends in Biotechnology*, **2013**, 31, 99-107	15.1	34
55	Aspirin, lysine, mifepristone and doxycycline combined can effectively and safely prevent and treat cancer metastasis: prevent seeds from gemmating on soil. *Oncotarget*, **2015**, 6, 35157-72	3.3	32
54	Ex vivo and in vivo capture and deactivation of circulating tumor cells by dual-antibody-coated nanomaterials. *Journal of Controlled Release*, **2015**, 209, 159-69	11.7	30
53	Dual-Targeting Multifuntional Mesoporous Silica Nanocarrier for Codelivery of siRNA and Ursolic Acid to Folate Receptor Overexpressing Cancer Cells. *Journal of Agricultural and Food Chemistry*, **2017**, 65, 6904-6911	5.7	30
52	Comparisons between Graphene Oxide and Graphdiyne Oxide in Physicochemistry Biology and Cytotoxicity. *ACS Applied Materials & Interfaces*, **2018**, 10, 32946-32954	9.5	30
51	Co-delivery of Sorafenib and CRISPR/Cas9 Based on Targeted Core-Shell Hollow Mesoporous Organosilica Nanoparticles for Synergistic HCC Therapy. *ACS Applied Materials & Interfaces*, **2020**, 12, 57362-57372	9.5	29
50	A carrier-free dual-drug nanodelivery system functionalized with aptamer specific targeting HER2-overexpressing cancer cells. *Journal of Materials Chemistry B*, **2017**, 5, 9121-9129	7.3	27
49	Ultrasensitive colorimetric carcinoembryonic antigen biosensor based on hyperbranched rolling circle amplification. *Analyst, The*, **2014**, 139, 4330-4	5	26
48	Biostable Aptamer Rings Conjugated for Targeting Two Biomarkers on Circulating Tumor Cells in Vivo with Great Precision. *Chemistry of Materials*, **2017**, 29, 10312-10325	9.6	26
47	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. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2018**, 14, 227-236	6	25
46	Nanodrug formulations to enhance HIV drug exposure in lymphoid tissues and cells: clinical significance and potential impact on treatment and eradication of HIV/AIDS. *Nanomedicine*, **2016**, 11, 545-64	5.6	24
45	Synthesis and biological activity evaluation of emodin quaternary ammonium salt derivatives as potential anticancer agents. *European Journal of Medicinal Chemistry*, **2012**, 56, 320-31	6.8	24
44	Synthesis, SAR and pharmacological characterization of novel anthraquinone cation compounds as potential anticancer agents. *European Journal of Medicinal Chemistry*, **2017**, 125, 902-913	6.8	23
43	Metapristone suppresses non-small cell lung cancer proliferation and metastasis via modulating RAS/RAF/MEK/MAPK signaling pathway. *Biomedicine and Pharmacotherapy*, **2017**, 90, 437-445	7.5	22
42	Carrier-free nanodrugs for in vivo NIR bioimaging and chemo-photothermal synergistic therapy. *Journal of Materials Chemistry B*, **2019**, 7, 6914-6923	7.3	21
41	Evolution from small molecule to nano-drug delivery systems: An emerging approach for cancer therapy of ursolic acid. *Asian Journal of Pharmaceutical Sciences*, **2020**, 15, 685-700	9	20
40	Systems pharmacology of mifepristone (RU486) reveals its 47 hub targets and network: comprehensive analysis and pharmacological focus on FAK-Src-Paxillin complex. *Scientific Reports*, **2015**, 5, 7830	4.9	19
39	A novel UPLC/MS/MS method for rapid determination of metapristone in rat plasma, a new cancer metastasis chemopreventive agent derived from mifepristone (RU486). *Journal of Pharmaceutical and Biomedical Analysis*, **2014**, 95, 158-63	3.5	19

38	Efficient CRISPR/Cas9 gene-chemo synergistic cancer therapy via a stimuli-responsive chitosan-based nanocomplex elicits anti-tumorigenic pathway effect. *Chemical Engineering Journal*, **2020**, 393, 124688	14.7	18
37	Therapeutic potential of ginsenosides on diabetes: From hypoglycemic mechanism to clinical trials. *Journal of Functional Foods*, **2020**, 64, 103630	5.1	18
36	In vitro and in vivo efficacy and safety evaluation of metapristone and mifepristone as cancer metastatic chemopreventive agents. *Biomedicine and Pharmacotherapy*, **2016**, 78, 291-300	7.5	17
35	Evolution in medicinal chemistry of sorafenib derivatives for hepatocellular carcinoma. *European Journal of Medicinal Chemistry*, **2019**, 179, 916-935	6.8	17
34	G-quadruplex DNA biosensor for sensitive visible detection of genetically modified food. *Talanta*, **2014**, 128, 445-9	6.2	17
33	Insight on structure-property relationships of carrageenan from marine red algal: A review. *Carbohydrate Polymers*, **2021**, 257, 117642	10.3	17
32	Systems Approach to targeted and long-acting HIV/AIDS therapy. *Drug Delivery and Translational Research*, **2015**, 5, 531-9	6.2	15
31	Potential serious interactions between nutraceutical ginseng and warfarin in patients with ischemic stroke. *Trends in Pharmacological Sciences*, **2013**, 34, 85-6	13.2	15
30	CXCR7 is not obligatory for CXCL12-CXCR4-induced epithelial-mesenchymal transition in human ovarian cancer. *Molecular Carcinogenesis*, **2019**, 58, 144-155	5	15
29	Small Molecule Nanodrug Assembled of Dual-Anticancer Drug Conjugate for Synergetic Cancer Metastasis Therapy. *Bioconjugate Chemistry*, **2018**, 29, 3495-3502	6.3	15
28	Raman spectroscopy of circulating single red blood cells in microvessels in vivo. *Vibrational Spectroscopy*, **2012**, 63, 367-370	2.1	14
27	Synthesis and antitumor activity of emodin quaternary ammonium salt derivatives. *European Journal of Medicinal Chemistry*, **2012**, 56, 308-19	6.8	13
26	Pharmacokinetics and metabolism study of isoboldine, a major bioactive component from Radix Linderae in male rats by UPLC-MS/MS. *Journal of Ethnopharmacology*, **2015**, 171, 154-60	5	12
25	Global deregulation of ginseng products may be a safety hazard to warfarin takers: solid evidence of ginseng-warfarin interaction. *Scientific Reports*, **2017**, 7, 5813	4.9	12
24	Separation of ginseng active ingredients and their roles in cancer metastasis supplementary therapy. *Current Drug Metabolism*, **2013**, 14, 616-23	3.5	12
23	Ursolic Acid in Cancer Treatment and Metastatic Chemoprevention: From Synthesized Derivatives to Nanoformulations in Preclinical Studies. *Current Cancer Drug Targets*, **2019**, 19, 245-256	2.8	11
22	Warfarin and coumarin-like Murraya paniculata extract down-regulate EpCAM-mediated cell adhesion: individual components versus mixture for studying botanical metastatic chemopreventives. *Scientific Reports*, **2016**, 6, 30549	4.9	11
21	A signal-on fluorescence biosensor for detection of adenosine triphosphate based on click chemistry. *Analytical Methods*, **2014**, 6, 3370-3374	3.2	9

20	Synergistic Chemopreventive and Therapeutic Effects of Co-drug UA-Met: Implication in Tumor Metastasis. *Journal of Agricultural and Food Chemistry*, **2017**, 65, 10973-10983	5.7	8
19	Sex-related pharmacokinetic differences and mechanisms of metapristone (RU486 metabolite). *Scientific Reports*, **2017**, 7, 17190	4.9	8
18	Metapristone (RU486 metabolite) suppresses NSCLC by targeting EGFR-mediated PI3K/AKT pathway. *Oncotarget*, **2017**, 8, 78351-78364	3.3	8
17	The effects of ginsenosides on platelet aggregation and vascular intima in the treatment of cardiovascular diseases: From molecular mechanisms to clinical applications. *Pharmacological Research*, **2020**, 159, 105031	10.2	7
16	One nanometer self-assembled aptamer-DNA dendrimers carry 350 doxorubicin: Super-stability and intra-nuclear DNA comet tail. *Chemical Engineering Journal*, **2020**, 388, 124170	14.7	7
15	Synthesis, Characterization, and Anticancer Activity of Novel Lipophilic Emodin Cationic Derivatives. *Chemical Biology and Drug Design*, **2015**, 86, 1451-7	2.9	6
14	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. *Biomedical Chromatography*, **2015**, 29, 459-64	1.7	6
13	Recent advances of sorafenib nanoformulations for cancer therapy: Smart nanosystem and combination therapy. *Asian Journal of Pharmaceutical Sciences*, **2021**, 16, 318-336	9	6
12	A novel SPE-HPLC method for simultaneous determination of selected sulfonated phthalocyanine zinc complexes in mouse plasma following cassette dosing. *Analyst, The*, **2013**, 138, 4385-92	5	5
11	Cell adhesion molecule-mediated therapeutic strategies in atherosclerosis: From a biological basis and molecular mechanism to drug delivery nanosystems. *Biochemical Pharmacology*, **2021**, 186, 114471	6	5
10	Accelerating transdermal delivery of insulin by ginsenoside nanoparticles with unique permeability. *International Journal of Pharmaceutics*, **2021**, 605, 120784	6.5	4
9	Biomimetic nanoparticles: U937 cell membranes based core-shell nanosystems for targeted atherosclerosis therapy. *International Journal of Pharmaceutics*, **2021**, 611, 121297	6.5	2
8	A study to evaluate herb-drug interaction underlying mechanisms: An investigation of ginsenosides attenuating the effect of warfarin on cardiovascular diseases. *European Journal of Pharmaceutical Sciences*, **2020**, 142, 105100	5.1	2
7	A smart dual-drug nanosystem based on co-assembly of plant and food-derived natural products for synergistic HCC immunotherapy. *Acta Pharmaceutica Sinica B*, **2021**, 11, 246-257	15.5	2
6	A novel S-nitrosocaptopril monohydrate for pulmonary arterial hypertension: HO and -SNO intermolecular stabilization chemistry. *Free Radical Biology and Medicine*, **2018**, 129, 107-115	7.8	2
5	Platelet membrane-cloaked selenium/ginsenoside Rb1 nanosystem as biomimetic reactor for atherosclerosis therapy.. *Colloids and Surfaces B: Biointerfaces*, **2022**, 214, 112464	6	2
4	Self-assembled amphiphile-based nanoparticles for the inhibition of hepatocellular carcinoma metastasis via ICAM-1 mediated cell adhesion. *Acta Biomaterialia*, **2020**, 111, 373-385	10.8	1
3	Biomimetic polyphenol-coated nanoparticles by Co-assembly of mTOR inhibitor and photosensitizer for synergistic chemo-photothermal therapy. *Colloids and Surfaces B: Biointerfaces*, **2022**, 209, 112177	6	1

2	Protective Effects and Therapeutics of Ginsenosides for Improving Endothelial Dysfunction: From Therapeutic Potentials, Pharmaceutical Developments to Clinical Trials.. *The American Journal of Chinese Medicine*, **2022**, 1-24	6	0
1	Drug Targeting in Nanomedicine and Nanopharmacy: A Systems Approach **2016**, 403-424		