

Lulu Fan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3382410/publications.pdf>

Version: 2024-02-01

90
papers

7,922
citations

87723

38
h-index

48187

88
g-index

99
all docs

99
docs citations

99
times ranked

11242
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 7800-7804.	7.2	1,872
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.	5.4	1,540
3	Polyamine-functionalized carbon quantum dots for chemical sensing. <i>Carbon</i> , 2012, 50, 2810-2815.	5.4	542
4	Compilation of 222 drugs' plasma protein binding data and guidance for study designs. <i>Drug Discovery Today</i> , 2012, 17, 475-485.	3.2	172
5	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.	5.7	163
6	Nanotechnology-based intelligent drug design for cancer metastasis treatment. <i>Biotechnology Advances</i> , 2014, 32, 761-777.	6.0	151
7	Photothermal nanodrugs: potential of TNF-gold nanospheres for cancer theranostics. <i>Scientific Reports</i> , 2013, 3, 1293.	1.6	121
8	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.	1.4	117
9	In vitro and in vivo anticancer activity evaluation of ursolic acid derivatives. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 2652-2661.	2.6	112
10	In Vivo Blood Glucose Quantification Using Raman Spectroscopy. <i>PLoS ONE</i> , 2012, 7, e48127.	1.1	112
11	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.	4.0	107
12	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.	2.3	91
13	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.	2.8	80
14	Carrier-free nanodrug: A novel strategy of cancer diagnosis and synergistic therapy. <i>International Journal of Pharmaceutics</i> , 2019, 570, 118663.	2.6	80
15	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.	1.9	76
16	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.	4.0	74
17	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, 9295-9312.	0.8	73
18	Inhibition of human hepatocellular carcinoma HepG2 by phthalocyanine photosensitiser PHOTOCYANINE: ROS production, apoptosis, cell cycle arrest. <i>European Journal of Cancer</i> , 2012, 48, 2086-2096.	1.3	71

#	ARTICLE	IF	CITATIONS
19	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.	1.9	71
20	The Unique Pharmacological Characteristics of Mifepristone (RU486): From Terminating Pregnancy to Preventing Cancer Metastasis. <i>Medicinal Research Reviews</i> , 2014, 34, 979-1000.	5.0	70
21	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.	4.1	68
22	Eliminating blood oncogenic exosomes into the small intestine with aptamer-functionalized nanoparticles. <i>Nature Communications</i> , 2019, 10, 5476.	5.8	68
23	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.	5.0	66
24	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.	1.6	64
25	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.	1.9	64
26	Isolation and characterization of living circulating tumor cells in patients by immunomagnetic negative enrichment coupled with flow cytometry. <i>Cancer</i> , 2015, 121, 3036-3045.	2.0	64
27	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.	1.6	62
28	Comparisons between Graphene Oxide and Graphdiyne Oxide in Physicochemistry Biology and Cytotoxicity. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 32946-32954.	4.0	58
29	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.	3.2	54
30	Insight on structure-property relationships of carrageenan from marine red algal: A review. <i>Carbohydrate Polymers</i> , 2021, 257, 117642.	5.1	53
31	UP12, a novel ursolic acid derivative with potential for targeting multiple signaling pathways in hepatocellular carcinoma. <i>Biochemical Pharmacology</i> , 2015, 93, 151-162.	2.0	49
32	Synthesis and Biological Evaluation of Novel Ursolic acid Derivatives as Potential Anticancer Prodrugs. <i>Chemical Biology and Drug Design</i> , 2015, 86, 1397-1404.	1.5	47
33	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, 289-298.	2.2	45
34	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.	6.6	45
35	Drug enterohepatic circulation and disposition: constituents of systems pharmacokinetics. <i>Drug Discovery Today</i> , 2014, 19, 326-340.	3.2	44
36	Nanoproteomics: a new sprout from emerging links between nanotechnology and proteomics. <i>Trends in Biotechnology</i> , 2013, 31, 99-107.	4.9	43

#	ARTICLE	IF	CITATIONS
37	Evolution in medicinal chemistry of sorafenib derivatives for hepatocellular carcinoma. <i>European Journal of Medicinal Chemistry</i> , 2019, 179, 916-935.	2.6	42
38	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.	0.8	41
39	Enhanced Specificity in Capturing and Restraining Circulating Tumor Cells with Dual Antibody-Dendrimer Conjugates. <i>Advanced Functional Materials</i> , 2015, 25, 1304-1313.	7.8	40
40	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, 1250-1263.	4.6	38
41	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.	2.9	38
42	Carrier-free nanodrugs for <i>in vivo</i> NIR bioimaging and chemo-photothermal synergistic therapy. <i>Journal of Materials Chemistry B</i> , 2019, 7, 6914-6923.	2.9	37
43	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.	2.4	36
44	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.	1.7	36
45	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.	4.3	36
46	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, 35157-35172.	0.8	35
47	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, 159-169.	4.8	33
48	Therapeutic potential of ginsenosides on diabetes: From hypoglycemic mechanism to clinical trials. <i>Journal of Functional Foods</i> , 2020, 64, 103630.	1.6	32
49	Synthesis and biological activity evaluation of emodin quaternary ammonium salt derivatives as potential anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2012, 56, 320-331.	2.6	31
50	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, 545-564.	1.7	31
51	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.	3.2	31
52	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.	5.7	31
53	Ultrasensitive colorimetric carcinoembryonic antigen biosensor based on hyperbranched rolling circle amplification. <i>Analyst</i> , 2014, 139, 4330-4334.	1.7	28
54	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.	2.5	28

#	ARTICLE	IF	CITATIONS
55	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.	2.6	28
56	CXCR7 is not obligatory for CXCL12-induced epithelial-mesenchymal transition in human ovarian cancer. <i>Molecular Carcinogenesis</i> , 2019, 58, 144-155.	1.3	28
57	Small Molecule Nanodrug Assembled of Dual-Anticancer Drug Conjugate for Synergetic Cancer Metastasis Therapy. <i>Bioconjugate Chemistry</i> , 2018, 29, 3495-3502.	1.8	27
58	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.	1.6	25
59	Recent advances of sorafenib nanoformulations for cancer therapy: Smart nanosystem and combination therapy. <i>Asian Journal of Pharmaceutical Sciences</i> , 2020, 16, 318-336.	4.3	23
60	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.	2.0	22
61	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, 158-163.	1.4	20
62	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.	1.6	20
63	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.	2.5	19
64	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.	0.8	19
65	G-quadruplex DNA biosensor for sensitive visible detection of genetically modified food. <i>Talanta</i> , 2014, 128, 445-449.	2.9	18
66	Raman spectroscopy of circulating single red blood cells in microvessels in vivo. <i>Vibrational Spectroscopy</i> , 2012, 63, 367-370.	1.2	17
67	Synthesis and antitumor activity of emodin quaternary ammonium salt derivatives. <i>European Journal of Medicinal Chemistry</i> , 2012, 56, 308-319.	2.6	17
68	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, 154-160.	2.0	17
69	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.	3.1	17
70	Systems Approach to targeted and long-acting HIV/AIDS therapy. <i>Drug Delivery and Translational Research</i> , 2015, 5, 531-539.	3.0	16
71	Potential serious interactions between nutraceutical ginseng and warfarin in patients with ischemic stroke. <i>Trends in Pharmacological Sciences</i> , 2013, 34, 85-86.	4.0	15
72	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.	1.6	15

#	ARTICLE	IF	CITATIONS
73	Platelet membrane-cloaked selenium/ginsenoside Rb1 nanosystem as biomimetic reactor for atherosclerosis therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 214, 112464.	2.5	15
74	Separation of Ginseng Active Ingredients and their Roles in Cancer Metastasis Supplementary Therapy. <i>Current Drug Metabolism</i> , 2013, 14, 616-623.	0.7	13
75	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.	2.4	12
76	A signal-on fluorescence biosensor for detection of adenosine triphosphate based on click chemistry. <i>Analytical Methods</i> , 2014, 6, 3370-3374.	1.3	10
77	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.	6.6	10
78	Accelerating transdermal delivery of insulin by ginsenoside nanoparticles with unique permeability. <i>International Journal of Pharmaceutics</i> , 2021, 605, 120784.	2.6	10
79	Biomimetic nanoparticles: U937 cell membranes based core-shell nanosystems for targeted atherosclerosis therapy. <i>International Journal of Pharmaceutics</i> , 2022, 611, 121297.	2.6	10
80	Synthesis, Characterization, and Anticancer Activity of Novel Lipophilic Emodin Cationic Derivatives. <i>Chemical Biology and Drug Design</i> , 2015, 86, 1451-1457.	1.5	9
81	Sex-related pharmacokinetic differences and mechanisms of metapristone (RU486 metabolite). <i>Scientific Reports</i> , 2017, 7, 17190.	1.6	9
82	Metapristone (RU486 metabolite) suppresses NSCLC by targeting EGFR-mediated PI3K/AKT pathway. <i>Oncotarget</i> , 2017, 8, 78351-78364.	0.8	8
83	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, 50, 749-772.	1.5	8
84	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, 459-464.	0.8	7
85	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.	1.9	7
86	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.	4.1	7
87	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.	2.5	6
88	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.	1.7	5
89	A novel S-nitrosocaptopril monohydrate for pulmonary arterial hypertension: H ₂ O and SNO intermolecular stabilization chemistry. <i>Free Radical Biology and Medicine</i> , 2018, 129, 107-115.	1.3	4
90	Current Cancer Drug Development Strategies. <i>Current Cancer Drug Targets</i> , 2019, 19, 243-244.	0.8	4