

# Fang Lu

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

1,265  
citations

430874

18  
h-index

377865

34  
g-index

47  
all docs

47  
docs citations

47  
times ranked

1223  
citing authors

#	ARTICLE	IF	CITATIONS
1	Degradable Carbon Dots with Broad-Spectrum Antibacterial Activity. ACS Applied Materials & Interfaces, 2018, 10, 26936-26946.	8.0	246
2	Impacts of Carbon Dots on Rice Plants: Boosting the Growth and Improving the Disease Resistance. ACS Applied Bio Materials, 2018, 1, 663-672.	4.6	143
3	Exosomes-Loaded Electroconductive Hydrogel Synergistically Promotes Tissue Repair after Spinal Cord Injury via Immunoregulation and Enhancement of Myelinated Axon Growth. Advanced Science, 2022, 9, e2105586.	11.2	117
4	Hydroxyl-Group-Dominated Graphite Dots Reshape Laser Desorption/Ionization Mass Spectrometry for Small Biomolecular Analysis and Imaging. ACS Nano, 2017, 11, 9500-9513.	14.6	79
5	Enhanced RuBisCO activity and promoted dicotyledons growth with degradable carbon dots. Nano Research, 2019, 12, 1585-1593.	10.4	73
6	Degradable Carbon Dots from Cigarette Smoking with Broad-Spectrum Antimicrobial Activities against Drug-Resistant Bacteria. ACS Applied Bio Materials, 2018, 1, 1871-1879.	4.6	49
7	Novel Phellodendri Cortex (Huang Bo)-derived carbon dots and their hemostatic effect. Nanomedicine, 2018, 13, 391-405.	3.3	48
8	Chiral Control of Carbon Dots via Surface Modification for Tuning the Enzymatic Activity of Glucose Oxidase. ACS Applied Materials & Interfaces, 2021, 13, 5877-5886.	8.0	48
9	Green Phellodendri Chinensis Cortex-based carbon dots for ameliorating imiquimod-induced psoriasis-like inflammation in mice. Journal of Nanobiotechnology, 2021, 19, 105.	9.1	38
10	Hemostatic and hepatoprotective bioactivity of Junci Medulla Carbonisata-derived Carbon Dots. Nanomedicine, 2019, 14, 431-446.	3.3	34
11	Carbon Dots Enable Efficient Delivery of Functional DNA in Plants. ACS Applied Bio Materials, 2020, 3, 8857-8864.	4.6	33
12	Antihyperuricemic and anti-gouty arthritis activities of <i>Aurantii fructus immaturus</i> carbonisata-derived carbon dots. Nanomedicine, 2019, 14, 2925-2939.	3.3	32
13	The neuroprotective effect of pretreatment with carbon dots from <i>Crinis Carbonisatus</i> (carbonized) Tj ETQq1 1 0.784314 rgBT /Overl 9.1 31	9.1	31
14	Evaluation of antiangiogenic and antiproliferative effects of sorafenib by sequential histology and intravoxel incoherent motion diffusion-weighted imaging in an orthotopic hepatocellular carcinoma xenograft model. Journal of Magnetic Resonance Imaging, 2017, 45, 270-280.	3.4	29
15	Haemostatic bioactivity of novel <i>Schizonepetae Spica Carbonisata</i> -derived carbon dots via platelet counts elevation. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 308-317.	2.8	26
16	OD/1D Heterojunction Implant with Electro-Mechanobiological Coupling Cues Promotes Osteogenesis. Advanced Functional Materials, 2021, 31, 2106249.	14.9	26
17	Novel carbon dots derived from <i>Schizonepetae Herba Carbonisata</i> and investigation of their haemostatic efficacy. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 1-10.	2.8	25
18	Discovery of Potential Inhibitors of Squalene Synthase from Traditional Chinese Medicine Based on Virtual Screening and In Vitro Evaluation of Lipid-Lowering Effect. Molecules, 2018, 23, 1040.	3.8	18

#	ARTICLE	IF	CITATIONS
19	A Systems Pharmacology-Based Study of the Molecular Mechanisms of San Cao Decoction for Treating Hypertension. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-10.	1.2	17
20	Edible and highly biocompatible nanodots from natural plants for the treatment of stress gastric ulcers. Nanoscale, 2021, 13, 6809-6818.	5.6	17
21	Virtual Screening for Potential Allosteric Inhibitors of Cyclin-Dependent Kinase 2 from Traditional Chinese Medicine. Molecules, 2016, 21, 1259.	3.8	14
22	Quantum dot-based lateral-flow immunoassay for rapid detection of rhein using specific egg yolk antibodies. Artificial Cells, Nanomedicine and Biotechnology, 2017, 46, 1-9.	2.8	13
23	Discovery of Potential Inhibitors of Aldosterone Synthase from Chinese Herbs Using Pharmacophore Modeling, Molecular Docking, and Molecular Dynamics Simulation Studies. BioMed Research International, 2016, 2016, 1-8.	1.9	10
24	Discovery of Potential Orthosteric and Allosteric Antagonists of P2Y1R from Chinese Herbs by Molecular Simulation Methods. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-12.	1.2	9
25	Use of Ultrasmall Superparamagnetic Iron Oxide Enhanced Susceptibility Weighted Imaging and Mean Vessel Density Imaging to Monitor Antiangiogenic Effects of Sorafenib on Experimental Hepatocellular Carcinoma. Contrast Media and Molecular Imaging, 2017, 2017, 1-10.	0.8	9
26	Evaluation of intratumoral heterogeneity by using diffusion kurtosis imaging and stretched exponential diffusion-weighted imaging in an orthotopic hepatocellular carcinoma xenograft model. Quantitative Imaging in Medicine and Surgery, 2019, 9, 1566-1578.	2.0	9
27	Contrast-enhanced susceptibility weighted imaging with ultrasmall superparamagnetic iron oxide improves the detection of tumor vascularity in a hepatocellular carcinoma nude mouse model. Journal of Magnetic Resonance Imaging, 2016, 44, 288-295.	3.4	8
28	A Component Formula of Chinese Medicine for Hypercholesterolemia Based on Virtual Screening and Biology Network. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-11.	1.2	8
29	Discovery of selective farnesoid X receptor agonists for the treatment of hyperlipidemia from traditional Chinese medicine based on virtual screening and in vitro validation. Journal of Biomolecular Structure and Dynamics, 2020, 38, 4461-4470.	3.5	8
30	Carbon dots up-regulate heme oxygenase-1 expression towards acute lung injury therapy. Journal of Materials Chemistry B, 2021, 9, 9005-9011.	5.8	8
31	Water-Soluble Carbon Dots in Cigarette Mainstream Smoke: Their Properties and the Behavioural, Neuroendocrinological, and Neurotransmitter Changes They Induce in Mice. International Journal of Nanomedicine, 2021, Volume 16, 2203-2217.	6.7	7
32	An integrated strategy by using target tissue metabolomics biomarkers as pharmacodynamic surrogate indices to screen antipyretic components of Qingkaijing injection. Scientific Reports, 2017, 7, 6310.	3.3	6
33	Dynamic changes of inflammation and apoptosis in cerebral ischemia-reperfusion injury in mice investigated by ferumoxytol-enhanced magnetic resonance imaging. Molecular Medicine Reports, 2021, 23, .	2.4	6
34	Combined preconditioning with hypoxia and GYKI-52466 protects rats from cerebral ischemic injury by HIF-1 $\alpha$ /eNOS pathway. American Journal of Translational Research (discontinued), 2017, 9, 5308-5319.	0.0	6
35	Chinese Proprietary Herbal Medicine Listed in "China National Essential Drug List"™ for Common Cold: A Systematic Literature Review. PLoS ONE, 2014, 9, e110560.	2.5	4
36	Detection of total bile acids in biological samples using an indirect competitive ELISA based on four monoclonal antibodies. Analytical Methods, 2017, 9, 625-633.	2.7	3

#	ARTICLE	IF	CITATIONS
37	Virtual screening of cytochrome P450 2A6 inhibitors from traditional Chinese medicine using support vector machine and molecular docking. , 2015, , .		1
38	Generation of Monoclonal Antibodies Against Natural Products. Journal of Visualized Experiments, 2019, , .	0.3	0
39	Development of a Lateral Flow Immunochromatographic Strip for Rapid and Quantitative Detection of Small Molecule Compounds. Journal of Visualized Experiments, 2021, , .	0.3	0