

# Fang Lu

## List of Publications by Year in descending order

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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	Exosomes-Loaded Electroconductive Hydrogel Synergistically Promotes Tissue Repair after Spinal Cord Injury via Immunoregulation and Enhancement of Myelinated Axon Growth. <i>Advanced Science</i> , 2022, 9, e2105586.	11.2	117
2	Chiral Control of Carbon Dots via Surface Modification for Tuning the Enzymatic Activity of Glucose Oxidase. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 5877-5886.	8.0	48
3	Carbon dots up-regulate heme oxygenase-1 expression towards acute lung injury therapy. <i>Journal of Materials Chemistry B</i> , 2021, 9, 9005-9011.	5.8	8
4	Dynamic changes of inflammation and apoptosis in cerebral ischemia-reperfusion injury in mice investigated by ferumoxytol-enhanced magnetic resonance imaging. <i>Molecular Medicine Reports</i> , 2021, 23, .	2.4	6
5	Water-Soluble Carbon Dots in Cigarette Mainstream Smoke: Their Properties and the Behavioural, Neuroendocrinological, and Neurotransmitter Changes They Induce in Mice. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 2203-2217.	6.7	7
6	Green Phellodendri Chinensis Cortex-based carbon dots for ameliorating imiquimod-induced psoriasis-like inflammation in mice. <i>Journal of Nanobiotechnology</i> , 2021, 19, 105.	9.1	38
7	The neuroprotective effect of pretreatment with carbon dots from <i>Crisis Carbonisatus</i> (carbonized) Tj ETQq1 1 0.784314 rgBT /Overl	9.1	31
8	OD/1D Heterojunction Implant with Electro-Mechanobiological Coupling Cues Promotes Osteogenesis. <i>Advanced Functional Materials</i> , 2021, 31, 2106249.	14.9	26
9	Edible and highly biocompatible nanodots from natural plants for the treatment of stress gastric ulcers. <i>Nanoscale</i> , 2021, 13, 6809-6818.	5.6	17
10	Development of a Lateral Flow Immunochromatographic Strip for Rapid and Quantitative Detection of Small Molecule Compounds. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	0
11	Discovery of selective farnesoid X receptor agonists for the treatment of hyperlipidemia from traditional Chinese medicine based on virtual screening and in vitro validation. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 4461-4470.	3.5	8
12	Carbon Dots Enable Efficient Delivery of Functional DNA in Plants. <i>ACS Applied Bio Materials</i> , 2020, 3, 8857-8864.	4.6	33
13	A Systems Pharmacology-Based Study of the Molecular Mechanisms of San Cao Decoction for Treating Hypertension. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-10.	1.2	17
14	Evaluation of intratumoral heterogeneity by using diffusion kurtosis imaging and stretched exponential diffusion-weighted imaging in an orthotopic hepatocellular carcinoma xenograft model. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019, 9, 1566-1578.	2.0	9
15	Antihyperuricemic and anti-gouty arthritis activities of <i>Aurantii fructus immaturus</i> carbonisata-derived carbon dots. <i>Nanomedicine</i> , 2019, 14, 2925-2939.	3.3	32
16	Hemostatic and hepatoprotective bioactivity of Junci Medulla Carbonisata-derived Carbon Dots. <i>Nanomedicine</i> , 2019, 14, 431-446.	3.3	34
17	Enhanced RuBisCO activity and promoted dicotyledons growth with degradable carbon dots. <i>Nano Research</i> , 2019, 12, 1585-1593.	10.4	73
18	Generation of Monoclonal Antibodies Against Natural Products. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	0

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19	Novel carbon dots derived from Schizonepetae Herba Carbonisata and investigation of their haemostatic efficacy. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1-10.	2.8	25
20	Novel Phellodendri Cortex (Huang Bo)-derived carbon dots and their hemostatic effect. <i>Nanomedicine</i> , 2018, 13, 391-405.	3.3	48
21	Haemostatic bioactivity of novel Schizonepetae Spica Carbonisata-derived carbon dots via platelet counts elevation. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 308-317.	2.8	26
22	Degradable Carbon Dots from Cigarette Smoking with Broad-Spectrum Antimicrobial Activities against Drug-Resistant Bacteria. <i>ACS Applied Bio Materials</i> , 2018, 1, 1871-1879.	4.6	49
23	A Component Formula of Chinese Medicine for Hypercholesterolemia Based on Virtual Screening and Biology Network. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-11.	1.2	8
24	Degradable Carbon Dots with Broad-Spectrum Antibacterial Activity. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 26936-26946.	8.0	246
25	Discovery of Potential Inhibitors of Squalene Synthase from Traditional Chinese Medicine Based on Virtual Screening and In Vitro Evaluation of Lipid-Lowering Effect. <i>Molecules</i> , 2018, 23, 1040.	3.8	18
26	Impacts of Carbon Dots on Rice Plants: Boosting the Growth and Improving the Disease Resistance. <i>ACS Applied Bio Materials</i> , 2018, 1, 663-672.	4.6	143
27	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. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 270-280.	3.4	29
28	Detection of total bile acids in biological samples using an indirect competitive ELISA based on four monoclonal antibodies. <i>Analytical Methods</i> , 2017, 9, 625-633.	2.7	3
29	Quantum dot-based lateral-flow immunoassay for rapid detection of rhein using specific egg yolk antibodies. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 46, 1-9.	2.8	13
30	Hydroxyl-Group-Dominated Graphite Dots Reshape Laser Desorption/Ionization Mass Spectrometry for Small Biomolecular Analysis and Imaging. <i>ACS Nano</i> , 2017, 11, 9500-9513.	14.6	79
31	An integrated strategy by using target tissue metabolomics biomarkers as pharmacodynamic surrogate indices to screen antipyretic components of Qingkaijing injection. <i>Scientific Reports</i> , 2017, 7, 6310.	3.3	6
32	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. <i>Contrast Media and Molecular Imaging</i> , 2017, 2017, 1-10.	0.8	9
33	Combined preconditioning with hypoxia and GYKI-52466 protects rats from cerebral ischemic injury by HIF-1 $\alpha$ /eNOS pathway. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 5308-5319.	0.0	6
34	Discovery of Potential Inhibitors of Aldosterone Synthase from Chinese Herbs Using Pharmacophore Modeling, Molecular Docking, and Molecular Dynamics Simulation Studies. <i>BioMed Research International</i> , 2016, 2016, 1-8.	1.9	10
35	Discovery of Potential Orthosteric and Allosteric Antagonists of P2Y1R from Chinese Herbs by Molecular Simulation Methods. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-12.	1.2	9
36	Virtual Screening for Potential Allosteric Inhibitors of Cyclin-Dependent Kinase 2 from Traditional Chinese Medicine. <i>Molecules</i> , 2016, 21, 1259.	3.8	14

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37	Contrast-enhanced susceptibility weighted imaging with ultrasmall superparamagnetic iron oxide improves the detection of tumor vascularity in a hepatocellular carcinoma nude mouse model. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 288-295.	3.4	8
38	Virtual screening of cytochrome P450 2A6 inhibitors from traditional Chinese medicine using support vector machine and molecular docking. , 2015, , .		1
39	Chinese Proprietary Herbal Medicine Listed in "China National Essential Drug List"™ for Common Cold: A Systematic Literature Review. <i>PLoS ONE</i> , 2014, 9, e110560.	2.5	4