

# Feng Lu

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

955  
citations

430442

18  
h-index

454577

30  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1241  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of Surface-Enhanced Raman Spectroscopy Detection Conditions for Interaction between Gonyautoxin and Its Aptamer. <i>Toxins</i> , 2022, 14, 49.	1.5	0
2	Development and in vivo Evaluation of Hydroxy- $\beta$ -Sanshool Intranasal Liposomes as a Potential Remedial Treatment for Alzheimer's Disease. <i>International Journal of Nanomedicine</i> , 2022, Volume 17, 185-201.	3.3	12
3	Ginger ( <i>Zingiber officinale</i> Rosc.) and its bioactive components are potential resources for health beneficial agents. <i>Phytotherapy Research</i> , 2021, 35, 711-742.	2.8	85
4	Current strategies and technologies for finding drug targets of active components from traditional Chinese medicine. <i>Frontiers in Bioscience</i> , 2021, 26, 572.	0.8	19
5	Natural Medicines for the Treatment of Epilepsy: Bioactive Components, Pharmacology and Mechanism. <i>Frontiers in Pharmacology</i> , 2021, 12, 604040.	1.6	19
6	Identification of the active substances and mechanisms of ginger for the treatment of colon cancer based on network pharmacology and molecular docking. <i>BioData Mining</i> , 2021, 14, 1.	2.2	92
7	Raman spectroscopy and mapping technique for the identification of expired drugs. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 224, 117407.	2.0	3
8	&lt;p&gt;HIF-1 is a Potential Molecular Target for Herbal Medicine to Treat Diseases&lt;/p&gt;. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 4915-4949.	2.0	15
9	Cyclic Peptide Extracts Derived From <i>Pseudostellaria heterophylla</i> Ameliorates COPD via Regulation of the TLR4/MyD88 Pathway Proteins. <i>Frontiers in Pharmacology</i> , 2020, 11, 850.	1.6	17
10	Identifying conformational changes of aptamer binding to theophylline: A combined biolayer interferometry, surface-enhanced Raman spectroscopy, and molecular dynamics study. <i>Talanta</i> , 2020, 217, 121073.	2.9	29
11	A fast response TLC-SERS substrate for on-site detection of hydrophilic and hydrophobic adulterants in botanical dietary supplements. <i>New Journal of Chemistry</i> , 2019, 43, 13873-13880.	1.4	13
12	Antipsychotic drug poisoning monitoring of clozapine in urine by using coffee ring effect based surface-enhanced Raman spectroscopy. <i>Analytica Chimica Acta</i> , 2018, 1014, 64-70.	2.6	30
13	Effects of glaucocalyxin A on human liver cancer cells as revealed by GC/MS- and LC/MS-based metabolic profiling. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 3325-3335.	1.9	25
14	Functional paper-based SERS substrate for rapid and sensitive detection of Sudan dyes in herbal medicine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 196, 110-116.	2.0	57
15	A separable surface-enhanced Raman scattering substrate modified with MIL-101 for detection of overlapping and invisible compounds after thin-layer chromatography development. <i>Analytica Chimica Acta</i> , 2018, 997, 35-43.	2.6	20
16	Synergistic effect between silver nanoparticles and antifungal agents on <i>Candida albicans</i> revealed by dynamic surface-enhanced Raman spectroscopy. <i>Nanotoxicology</i> , 2018, 12, 1230-1240.	1.6	12
17	Eliminating Non-linear Raman Shift Displacement Between Spectrometers via Moving Window Fast Fourier Transform Cross-Correlation. <i>Frontiers in Chemistry</i> , 2018, 6, 515.	1.8	5
18	Simulation Strategies for Characterizing Phosphodiesterase-5 Inhibitors in Botanical Dietary Supplements. <i>Analytical Chemistry</i> , 2018, 90, 10765-10770.	3.2	6

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19	Celastrol Suppresses Tryptophan Catabolism in Human Colon Cancer Cells as Revealed by Metabolic Profiling and Targeted Metabolite Analysis. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 1243-1250.	0.6	23
20	Chemical nanosensors based on molecularly-imprinted polymers doped with silver nanoparticles for the rapid detection of caffeine in wastewater. <i>Analytica Chimica Acta</i> , 2018, 1034, 176-183.	2.6	60
21	Two-dimensional correlation infrared spectroscopy applied to the identification of ephedrine and pseudoephedrine in illegally adulterated slimming herbal products. <i>Drug Testing and Analysis</i> , 2017, 9, 221-229.	1.6	19
22	High efficiency screening of nine lipid-lowering adulterants in herbal dietary supplements using thin layer chromatography coupled with surface enhanced Raman spectroscopy. <i>Analytical Methods</i> , 2017, 9, 1595-1602.	1.3	14
23	Chromatographic separation and detection of contaminants from whole milk powder using a chitosan-modified silver nanoparticles surface-enhanced Raman scattering device. <i>Food Chemistry</i> , 2017, 224, 382-389.	4.2	38
24	Dynamic-SERS spectroscopy for the in situ discrimination of xanthine analogues in ternary mixture. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 5569-5579.	1.9	5
25	Adulterated pharmaceutical chemicals in botanical dietary supplements: novel screening approaches. <i>Reviews in Analytical Chemistry</i> , 2017, 36, .	1.5	12
26	Research on PRO scale of acupuncture for cervical spondylosis with multidimensional item response theory. , 2016, , .		0
27	A lipidomics investigation into the intervention of celastrol in experimental colitis. <i>Molecular BioSystems</i> , 2016, 12, 1436-1444.	2.9	25
28	Analysis of low active-pharmaceutical-ingredient signal drugs based on thin layer chromatography and surface-enhanced Raman spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 131, 410-419.	1.4	28
29	A Widely Applicable Silver Sol for TLC Detection with Rich and Stable SERS Features. <i>Nanoscale Research Letters</i> , 2016, 11, 220.	3.1	17
30	Highly sensitive on-site detection of drugs adulterated in botanical dietary supplements using thin layer chromatography combined with dynamic surface enhanced Raman spectroscopy. <i>Talanta</i> , 2016, 146, 351-357.	2.9	53
31	Hydrophobic-hydrophilic monolithic dual-phase layer for two-dimensional thin-layer chromatography coupled with surface-enhanced Raman spectroscopy detection. <i>Journal of Separation Science</i> , 2015, 38, 2737-2745.	1.3	6
32	Automatic standardization method for Raman spectrometers with applications to pharmaceuticals. <i>Journal of Raman Spectroscopy</i> , 2015, 46, 147-154.	1.2	18
33	Detection of structurally similar adulterants in botanical dietary supplements by thin-layer chromatography and surface enhanced Raman spectroscopy combined with two-dimensional correlation spectroscopy. <i>Analytica Chimica Acta</i> , 2015, 883, 22-31.	2.6	31
34	Rapid on-site detection of ephedrine and its analogues used as adulterants in slimming dietary supplements by TLC-SERS. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 1313-1325.	1.9	66
35	Comparison of several chemometric methods of libraries and classifiers for the analysis of expired drugs based on Raman spectra. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 94, 58-64.	1.4	28
36	Geographic location of antineoplastic agent clinical trials conducted in developed and developing countries. <i>International Journal of Clinical Pharmacy</i> , 2013, 35, 87-91.	1.0	4

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37	Highly sensitive and selective ratiometric fluorescent copper sensors: Different binding affinities modulated by three separate side chains of naphthalimide. <i>Science in China Series B: Chemistry</i> , 2009, 52, 771-779.	0.8	11
38	A new method for testing synthetic drugs adulterated in herbal medicines based on infrared spectroscopy. <i>Analytica Chimica Acta</i> , 2007, 589, 200-207.	2.6	37