

# Xu Xu

## List of Publications by Year in descending order

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54  
papers

1,036  
citations

516710

16  
h-index

434195

31  
g-index

58  
all docs

58  
docs citations

58  
times ranked

1400  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microwave-Assisted Rapid Synthesis of $\beta$ -Cyclodextrin Metal-Organic Frameworks for Size Control and Efficient Drug Loading. <i>Crystal Growth and Design</i> , 2017, 17, 1654-1660.	3.0	132
2	Development of a modified QuEChERS method based on magnetic multiwalled carbon nanotubes for the simultaneous determination of veterinary drugs, pesticides and mycotoxins in eggs by UPLC-MS/MS. <i>Food Chemistry</i> , 2019, 276, 419-426.	8.2	120
3	Optimized synthesis and crystalline stability of $\beta$ -cyclodextrin metal-organic frameworks for drug adsorption. <i>International Journal of Pharmaceutics</i> , 2016, 514, 212-219.	5.2	114
4	Comparative studies of polydatin and resveratrol on mutual transformation and antioxidative effect in vivo. <i>Phytomedicine</i> , 2015, 22, 553-559.	5.3	98
5	Doxorubicin toxicity changes myocardial energy metabolism in rats. <i>Chemico-Biological Interactions</i> , 2016, 244, 149-158.	4.0	43
6	Comparative studies of polydatin and resveratrol on mutual transformation and antioxidative effect in vivo. <i>Phytomedicine</i> , 2015, 22, 553-559.	5.3	42
7	Application of a multiclass screening method for veterinary drugs and pesticides using HPLC-QTOF-MS in egg samples. <i>Food Chemistry</i> , 2020, 309, 125746.	8.2	37
8	MOF Capacitates Cyclodextrin to Mega-Load Mode for High-Efficient Delivery of Valsartan. <i>Pharmaceutical Research</i> , 2019, 36, 117.	3.5	33
9	Simultaneous determination of baicalin, rhein and berberine in rat plasma by column-switching high-performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 838, 50-55.	2.3	32
10	Rapid high-performance liquid chromatography method for determination of tryptophan in gastric juice. <i>Journal of Digestive Diseases</i> , 2012, 13, 100-106.	1.5	30
11	Pharmaceutical crystalline complexes of sulfamethazine with saccharin: same interaction site but different ionization states. <i>RSC Advances</i> , 2016, 6, 26474-26478.	3.6	30
12	Design of a phosphinate-based bioluminescent probe for superoxide radical anion imaging in living cells. <i>Luminescence</i> , 2018, 33, 1101-1106.	2.9	30
13	Classification of microcrystalline celluloses via structures of individual particles measured by synchrotron radiation X-ray micro-computed tomography. <i>International Journal of Pharmaceutics</i> , 2017, 531, 658-667.	5.2	26
14	Molecular Mechanism of Loading Sulfur Hexafluoride in $\beta$ -Cyclodextrin Metal-Organic Framework. <i>Journal of Physical Chemistry B</i> , 2018, 122, 5225-5233.	2.6	24
15	Study on the precipitation reaction between baicalin and berberine by HPLC. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 810, 165-168.	2.3	16
16	Determination of the kinetic rate constant of cyclodextrin supramolecular systems by high performance affinity chromatography. <i>Journal of Chromatography A</i> , 2013, 1305, 139-148.	3.7	16
17	Mathematical model for DNA separation by capillary electrophoresis in entangled polymer solutions. <i>Journal of Chromatography A</i> , 2007, 1142, 222-230.	3.7	13
18	Synergistic effects of polydatin and vitamin C in inhibiting cardiotoxicity induced by doxorubicin in rats. <i>Fundamental and Clinical Pharmacology</i> , 2017, 31, 280-291.	1.9	12

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19	Effect of fermented <i>Cordyceps sinensis</i> on doxorubicin-induced cardiotoxicity in rats. <i>Molecular Medicine Reports</i> , 2018, 18, 3229-3241.	2.4	12
20	Study on the precipitation reaction between baicalin and berberine by HPLC. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 810, 165-168.	2.3	12

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37	Fragmentation Study of Limonoids from <i>Turraea pubescens</i> by Electrospray Ionization Quadrupole Time-of-flight Mass Spectrometry. <i>Analytical Letters</i> , 2017, 50, 2908-2919.	1.8	4
38	Precolumn Derivatization with Bromine to Improve Separation and Detection Sensitivity of Triacylglycerols in Edible Oil by Reversed-Phase High Performance Liquid Chromatography. <i>Analytical Sciences</i> , 2018, 34, 283-289.	1.6	4
39	Rapid quantitative determination of triglycerides in edible oils by matrix-assisted laser desorption/ionisation Fourier transform ion cyclotron resonance mass spectrometry using pencil graphite combined with 2,5-dihydroxybenzoic acid as matrix. <i>International Journal of Mass Spectrometry</i> , 2018, 431, 56-62.	1.5	4
40	Bridging the structure gap between pellets in artificial dissolution media and in gastro-intestinal tract in rats. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 326-338.	12.0	4
41	Further Study on Separation of DNA Fragments by Capillary Electrophoresis by Quasi-interpenetrating Network of Polyacryamide and Polyvinylpyrrolidone with UV Detection. <i>Chinese Journal of Chemistry</i> , 2006, 24, 1766-1772.	4.9	3
42	Prediction of DNA Separation by Capillary Electrophoresis with Polymer Additives. <i>Journal of Chromatographic Science</i> , 2011, 49, 310-315.	1.4	3
43	Discovery of (E)-1-amino-4-phenylbut-3-en-2-ol derivatives as novel neuraminidase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 2003-2007.	2.2	3
44	Analysis of Triacylglycerols in Castor Oil Through Liquid Chromatography–Mass Spectrometry Based on Fourier Transform–Ion Cyclotron Resonance–Mass Spectrometry and Gas Chromatography–Mass Spectrometry. <i>Journal of Chromatographic Science</i> , 2019, 57, 108-115.	1.4	3
45	Linear Expression of the Mathematical Relationship between Electroosmotic Mobility and Buffer Concentration. <i>Chinese Journal of Chemistry</i> , 2006, 24, 85-88.	4.9	2
46	Poly(dimethylsiloxane) Microchips with Two Sharpened Stretching Tips and Its Application to Protein Separation Using Dynamic Coating. <i>Chinese Journal of Chemistry</i> , 2007, 25, 190-195.	4.9	1
47	Fabrication of a novel poly(dimethylsiloxane) microchips with two sharpened stretching tips. <i>Chinese Chemical Letters</i> , 2007, 18, 221-224.	9.0	1
48	Improvement of Detection Sensitivity of Triglyceride with Methylamine Formate as Ionization Enhancer in Reversed Phase Liquid Chromatography-Electrospray Ionization Mass Spectrometry. <i>Chinese Journal of Analytical Chemistry</i> , 2017, 45, 1323-1329.	1.7	1
49	Design, synthesis, and in vitro evaluation of epigoitrin derivatives as neuraminidase inhibitors. <i>Monatshefte für Chemie</i> , 2018, 149, 2037-2046.	1.8	1
50	Identification of Fatty Acids and Triacylglycerols in Schisandrae chinensis fructus Oil. <i>Journal of Analytical Chemistry</i> , 2020, 75, 1024-1032.	0.9	1
51	Flexible Device for Direct Analysis in Real Time without Grid Electrode for Mass Spectrometric Analysis. <i>Chinese Journal of Analytical Chemistry</i> , 2015, 43, 451-456.	1.7	0
52	Combination of Zn <sup>2+</sup> and betaine can eliminate the effect of DNA fragments with different GC content on gene chip. <i>Acta Biochimica Et Biophysica Sinica</i> , 2018, 50, 826-827.	2.0	0
53	A caged 2-hydroxyethyl luciferin for bioluminescence imaging of nitroxyl in living cells. <i>Luminescence</i> , 2020, 35, 1384-1390.	2.9	0
54	Direct chiral separation of azelnidipine by HPLC with Pirkle-type column. <i>Journal of Chinese Pharmaceutical Sciences</i> , 2012, 21, .	0.1	0