

# Juan Chen

## List of Publications by Year in descending order

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91  
papers

2,215  
citations

172457

29  
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243625

44  
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100  
all docs

100  
docs citations

100  
times ranked

2802  
citing authors

#	ARTICLE	IF	CITATIONS
1	Screening and identification of acetylcholinesterase inhibitors from <i>Terminalia chebula</i> fruits by immobilized enzyme on cellulose filter paper coupled with ultra-performance liquid chromatography-quadrupole time-of-flight mass spectrometry and molecular docking. <i>Journal of Chromatography A</i> , 2022, 1663, 462784.	3.7	5
2	$\alpha$ -Glucosidase inhibitors screening from <i>Cyclocarya paliurus</i> based on spectrum-effect relationship and UPLC-MS/MS. <i>Biomedical Chromatography</i> , 2022, 36, e5313.	1.7	3
3	CYP3A1 metabolism-based neurotoxicity of strychnine in rat. <i>Toxicology</i> , 2022, 471, 153156.	4.2	0
4	Protective effect of <i>Eucommia ulmoides</i> Oliver male flowers on ethanol-induced DNA damage in mouse cerebellum and cerebral cortex. <i>Food Science and Nutrition</i> , 2022, 10, 2794-2803.	3.4	3
5	Cellulose filter paper immobilized $\alpha$ -glucosidase and its application to screening inhibitors from traditional Chinese medicine. <i>Journal of Separation Science</i> , 2022, 45, 2724-2733.	2.5	6
6	Triterpenoids from the fresh pericarps of <i>Juglans hopeiensis</i> . <i>Natural Product Research</i> , 2021, 35, 228-235.	1.8	3
7	Dopamine-polyethyleneimine co-deposition cellulose filter paper for $\alpha$ -Glucosidase immobilization and enzyme inhibitor screening. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1167, 122582.	2.3	16
8	Core-shell magnetic zeolite imidazolate framework-8 as adsorbent for magnetic solid phase extraction of brucine and strychnine from human urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1173, 122702.	2.3	5
9	Dopamine-polyethyleneimine co-deposition of a capillary for $\alpha$ -glucosidase immobilization and its application in enzyme inhibitor screening. <i>Electrophoresis</i> , 2021, 42, 2081-2086.	2.4	2
10	$\alpha$ -glucosidase immobilization on magnetic core-shell metal-organic frameworks for inhibitor screening from traditional Chinese medicines. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 205, 111847.	5.0	17
11	Reduced Graphene Oxide Nanoribbons for the Magnetic Solid-Phase Extraction (MSPE) of Bisphenol Endocrine Disruptors in Carbonated Beverages with Determination by High-Performance Liquid Chromatography with Ultraviolet Detection (HPLC-UV). <i>Analytical Letters</i> , 2021, 54, 2259-2275.	1.8	0
12	Aspersteroids A-C, Three Rearranged Ergostane-type Steroids from <i>Aspergillus ustus</i> NRRL 275. <i>Organic Letters</i> , 2021, 23, 9620-9624.	4.6	10
13	$\alpha$ -Glucosidase immobilization on polydopamine-coated cellulose filter paper and enzyme inhibitor screening. <i>Analytical Biochemistry</i> , 2020, 605, 113832.	2.4	21
14	Screening acetylcholinesterase inhibitors from traditional Chinese medicines by paper-immobilized enzyme combined with capillary electrophoresis analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 190, 113547.	2.8	14
15	Cytochalasins from an endophytic fungus <i>Phoma multirostrata</i> XJ-2-1 with cell cycle arrest and TRAIL-resistance-overcoming activities. <i>Bioorganic Chemistry</i> , 2020, 104, 104317.	4.1	8
16	Pchaeglobolactone A, Spiropchaeglobosin A, and Pchaeglobosals A and B: Four Rearranged Cytochalasans from <i>Chaetomium globosum</i> P2-2-2. <i>Organic Letters</i> , 2020, 22, 9665-9669.	4.6	18
17	Skin microbiota analysis-inspired development of novel anti-infectives. <i>Microbiome</i> , 2020, 8, 85.	11.1	42
18	Incarnolides A and B, Two Schinortriterpenoids with a Tricyclo[9.2.1.0 <sup>2,8</sup> ]tetradecane-Bridged System from <i>Schisandra incarnata</i> . <i>Organic Letters</i> , 2020, 22, 1071-1075.	4.6	10

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19	Resorcylic Acid Lactones from an <i>Ilyonectria</i> sp.. Journal of Natural Products, 2020, 83, 1505-1514.	3.0	15
20	Quality suitability regionalization analysis of <i>Angelica sinensis</i> in Gansu, China. PLoS ONE, 2020, 15, e0243750.	2.5	9
21	Quality suitability regionalization analysis of <i>Angelica sinensis</i> in Gansu, China. , 2020, 15, e0243750.		0
22	Quality suitability regionalization analysis of <i>Angelica sinensis</i> in Gansu, China. , 2020, 15, e0243750.		0
23	Quality suitability regionalization analysis of <i>Angelica sinensis</i> in Gansu, China. , 2020, 15, e0243750.		0
24	Quality suitability regionalization analysis of <i>Angelica sinensis</i> in Gansu, China. , 2020, 15, e0243750.		0
25	Quality suitability regionalization analysis of <i>Angelica sinensis</i> in Gansu, China. , 2020, 15, e0243750.		0
26	Herceptin-conjugated paclitaxel loaded PCL-PEG worm-like nanocrystal micelles for the combinatorial treatment of HER2-positive breast cancer. Biomaterials, 2019, 222, 119420.	11.4	79
27	Solid/liquid phase microextraction of five bisphenol-type endocrine disrupting chemicals by using a hollow fiber reinforced with graphene oxide nanoribbons, and determination by HPLC-PDA. Mikrochimica Acta, 2019, 186, 375.	5.0	20
28	Analysis of Pesticide Residue in Tomatoes by Carbon Nanotubes/ $\beta$ -Cyclodextrin Nanocomposite Reinforced Hollow Fiber Coupled with HPLC. Journal of Food Science, 2019, 84, 1651-1659.	3.1	18
29	Magnetic nitrogen-doped reduced graphene oxide as a novel magnetic solid-phase extraction adsorbent for the separation of bisphenol endocrine disruptors in carbonated beverages. Talanta, 2019, 201, 194-203.	5.5	59
30	Screening of $\alpha$ -glucosidase inhibitors from natural flavonoids by an in-capillary assay combining PMMA and EMMA. Analytical Methods, 2019, 11, 1371-1378.	2.7	13
31	Magnetic polyethyleneimine functionalized reduced graphene oxide as a novel magnetic sorbent for the separation of polar non-steroidal anti-inflammatory drugs in waters. Talanta, 2019, 191, 526-534.	5.5	50
32	One-Step in Situ Preparation of Fe <sub>3</sub> O <sub>4</sub> /Carboxylated Multi-Walled Carbon Nanotube Hybrid for the Determination of Caffeine in Carbonated Beverages. Bulletin of the Chemical Society of Japan, 2019, 92, 290-296.	3.2	3
33	$\alpha$ -Glucosidase immobilization on chitosan-modified cellulose filter paper: Preparation, property and application. International Journal of Biological Macromolecules, 2019, 122, 298-305.	7.5	25
34	Angiogenesis for tumor vascular normalization of Endostar on hepatoma 22 tumor-bearing mice is involved in the immune response. Oncology Letters, 2018, 15, 3437-3446.	1.8	17
35	UPLC-MS/MS analysis for antioxidant components of <i>Lycii Fructus</i> based on spectrum-effect relationship. Talanta, 2018, 180, 389-395.	5.5	63
36	Tyrosinase immobilization on aminated magnetic nanoparticles by physical adsorption combined with covalent crosslinking with improved catalytic activity, reusability and storage stability. Analytica Chimica Acta, 2018, 1006, 90-98.	5.4	64

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37	N-doped carbon nanotubes-reinforced hollow fiber solid-phase microextraction coupled with high performance liquid chromatography for the determination of phytohormones in tomatoes. <i>Talanta</i> , 2018, 185, 132-140.	5.5	32
38	Magnetic boronate modified molecularly imprinted polymers on magnetite microspheres modified with porous TiO <sub>2</sub> (Fe <sub>3</sub> O <sub>4</sub> @pTiO <sub>2</sub> @MIP) with enhanced adsorption capacity for glycoproteins and with wide operational pH range. <i>Mikrochimica Acta</i> , 2018, 185, 565.	5.0	37
39	Efficient synthesis of camptothecin propargylamine derivatives in water catalyzed by macroporous adsorption resin-supported gold nanoparticles. <i>Green Chemistry</i> , 2017, 19, 1399-1406.	9.0	25
40	Kinetics and inhibition study of tyrosinase by pressure mediated microanalysis. <i>Analytical Biochemistry</i> , 2017, 525, 54-59.	2.4	12
41	An optical material for the detection of trace S <sub>2</sub> O <sub>3</sub> <sup>2-</sup> in milk based on a copper complex. <i>BioMetals</i> , 2017, 30, 441-447.	4.1	3
42	Selective determination of aromatic acids by new magnetic hydroxylated MWCNTs and MOFs based composite. <i>Talanta</i> , 2017, 168, 136-145.	5.5	32
43	Screening of enzyme inhibitors from traditional Chinese medicine by magnetic immobilized $\alpha$ -glucosidase coupled with capillary electrophoresis. <i>Talanta</i> , 2017, 164, 548-555.	5.5	78
44	$\alpha$ -Glucosidase immobilization on chitosan-enriched magnetic composites for enzyme inhibitors screening. <i>International Journal of Biological Macromolecules</i> , 2017, 105, 308-316.	7.5	56
45	Boronate-affinity based magnetic molecularly imprinted nanoparticles for the efficient extraction of the model glycoprotein horseradish peroxidase. <i>Mikrochimica Acta</i> , 2017, 184, 3729-3737.	5.0	28
46	Magnetic polyethyleneimine functionalized reduced graphene oxide as a novel magnetic solid-phase extraction adsorbent for the determination of polar acidic herbicides in rice. <i>Analytica Chimica Acta</i> , 2017, 949, 23-34.	5.4	111
47	Optimization of a Decoction Process for an Herbal Formula Using a Response Surface Methodology. <i>Journal of AOAC INTERNATIONAL</i> , 2017, 100, 1776-1784.	1.5	3
48	Components of Goutengsan in Rat Plasma by Microdialysis Sampling and Its Protection on A $\beta$ <sub>1-42</sub> -Induced PC12 Cells Injury. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-12.	1.2	3
49	3D graphene oxide supramolecular hybrid hydrogel with well-ordered interior microstructure prepared by a host-guest inclusion-induced self-assembly strategy. <i>RSC Advances</i> , 2016, 6, 94723-94730.	3.6	4
50	Terpene glycoside component from Moutan Cortex ameliorates diabetic nephropathy by regulating endoplasmic reticulum stress-related inflammatory responses. <i>Journal of Ethnopharmacology</i> , 2016, 193, 433-444.	4.1	41
51	Protective effects of organic acid component from <i>Taraxacum mongolicum</i> Hand.-Mazz. against LPS-induced inflammation: Regulating the TLR4/IKK/NF- $\kappa$ B signal pathway. <i>Journal of Ethnopharmacology</i> , 2016, 194, 395-402.	4.1	28
52	A three-dimensional graphene oxide supramolecular hydrogel for infrared light-responsive cascade release of two anticancer drugs. <i>Chemical Communications</i> , 2016, 52, 14384-14387.	4.1	32
53	Magnetic reduced graphene oxide functionalized with $\beta$ -cyclodextrin as magnetic solid-phase extraction adsorbents for the determination of phytohormones in tomatoes coupled with high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2016, 1441, 24-33.	3.7	69
54	Organic acid component from <i>Taraxacum mongolicum</i> Hand.-Mazz alleviates inflammatory injury in lipopolysaccharide-induced acute tracheobronchitis of ICR mice through TLR4/NF- $\kappa$ B signaling pathway. <i>International Immunopharmacology</i> , 2016, 34, 92-100.	3.8	34

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55	An online immobilized $\alpha$ -glucosidase microreactor for enzyme kinetics and inhibition assays. RSC Advances, 2015, 5, 56841-56847.	3.6	23
56	Quantitative analysis of five toxic alkaloids in <i>Aconitum pendulum</i> using ultra-performance convergence chromatography (UPC <sup>2</sup> ) coupled with mass spectrometry. RSC Advances, 2015, 5, 103869-103875.	3.6	12
57	Rapid and sensitive determination of polyphenols composition of unifloral honey samples with their antioxidant capacities. Cogent Chemistry, 2015, 1, 1100527.	2.5	3
58	Determination of Amino Acids in Plasma and Nutritional Supplements by Capillary Electrophoresis with Copper(II) Coordination. Analytical Letters, 2015, 48, 25-36.	1.8	6
59	Application of Capillary Electrophoresis in Enzyme Inhibitors Screening. Chinese Journal of Analytical Chemistry, 2015, 43, 775-782.	1.7	20
60	Fingerprint analysis of <i>Oxytropis falcate</i> using ultra-performance liquid chromatography-electrospray ionization tandem mass spectrometry (UPLC-ESI-MS). Analytical Methods, 2015, 7, 6810-6820.	2.7	1
61	Magnetic graphene solid-phase extraction for the determination of carbamate pesticides in tomatoes coupled with high performance liquid chromatography. Talanta, 2015, 141, 212-219.	5.5	118
62	Development of ionic liquid based electromembrane extraction and its application to the enrichment of acidic compounds in pig kidney tissues. RSC Advances, 2015, 5, 37682-37690.	3.6	20
63	Graphitic carbon nitrides modified hollow fiber solid phase microextraction for extraction and determination of uric acid in urine and serum coupled with gas chromatography-mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 1004, 53-59.	2.3	37
64	Wedelolactone protects human bronchial epithelial cell injury against cigarette smoke extract-induced oxidant stress and inflammation responses through Nrf2 pathway. International Immunopharmacology, 2015, 29, 648-655.	3.8	30
65	Electromembrane extraction based on carbon nanotubes reinforced hollow fiber for the determination of plant hormones. New Journal of Chemistry, 2015, 39, 9191-9199.	2.8	29
66	Holistic Analysis of Seven Active Ingredients by Micellar Electrokinetic Chromatography from Three Medicinal Herbs Composing Shuanghuanglian. Journal of Chromatographic Science, 2015, 53, 1786-1793.	1.4	12
67	Ginseng improves cognitive deficit via the RAGE/NF- $\kappa$ B pathway in advanced glycation end product-induced rats. Journal of Ginseng Research, 2015, 39, 116-124.	5.7	44
68	Application of $\beta$ -cyclodextrin-modified, carbon nanotube-reinforced hollow fiber to solid-phase microextraction of plant hormones. Journal of Chromatography A, 2014, 1374, 23-30.	3.7	48
69	Multiple functional ionic liquids based dispersive liquid-liquid microextraction combined with high performance chromatography for the determination of phenolic compounds in water samples. Talanta, 2014, 125, 329-335.	5.5	30
70	pH-Responsive supramolecular hydrogels for codelivery of hydrophobic and hydrophilic anticancer drugs. RSC Advances, 2014, 4, 58982-58989.	3.6	23
71	Multivariate statistical analysis based on a chromatographic fingerprint for the evaluation of important environmental factors that affect the quality of <i>Angelica sinensis</i> . Analytical Methods, 2014, 6, 8268-8276.	2.7	6
72	Green-colorimetric assay for the selective detection of trivalent chromium based on <i>Xanthoceras sorbifolia</i> tannin attached to gold nanoparticles. Analytical Methods, 2014, 6, 5720.	2.7	28

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73	Ionic liquid-based electromembrane extraction and its comparison with traditional organic solvent based electromembrane extraction for the determination of strychnine and brucine in human urine. <i>Journal of Chromatography A</i> , 2014, 1352, 1-7.	3.7	41
74	Simultaneous determination of plasticizer di(2-ethylhexyl)phthalate and its metabolite in human urine by temperature controlled ionic liquid dispersive liquid-liquid microextraction combined with high performance liquid chromatography. <i>Analytical Methods</i> , 2013, 5, 1427.	2.7	31
75	Quality control of traditional Chinese medicines: a review. <i>Chinese Journal of Natural Medicines</i> , 2013, 11, 596-607.	1.3	43
76	Carbon nanotubes-reinforced hollow fibre solid-phase microextraction coupled with high performance liquid chromatography for the determination of carbamate pesticides in apples. <i>Food Chemistry</i> , 2013, 139, 246-252.	8.2	106
77	Holistic analysis of seven constituents from five medicinal herbs composing Wuhu powders in a single run by ultra performance liquid chromatography: application to quality control study. <i>Analytical Methods</i> , 2013, 5, 7058.	2.7	1
78	Holistic analysis of seven constituents from three medicinal herbs composing Wuji pills in a single run by ultra performance liquid chromatography: application to quality control study. <i>Analytical Methods</i> , 2012, 4, 2989.	2.7	5
79	Determination of diethylstilbestrol in milk using carbon nanotube-reinforced hollow fiber solid-phase microextraction combined with high-performance liquid chromatography. <i>Talanta</i> , 2012, 97, 222-228.	5.5	92
80	Simultaneous quantification of twelve active components in Yiqing granule by ultra-performance liquid chromatography: application to quality control study. <i>Biomedical Chromatography</i> , 2011, 25, 1045-1053.	1.7	16
81	RP-HPLC and NMR study of antioxidant flavonoids in extract from <i>Gentiana piasezkii</i> . <i>Journal of Analytical Chemistry</i> , 2010, 65, 298-304.	0.9	5
82	Simultaneous Determination of Seven Alkaloids in <i>Phellodendron chinense</i> Schneid by High-Performance Liquid Chromatography. <i>Journal of AOAC INTERNATIONAL</i> , 2010, 93, 1416-1421.	1.5	7
83	Method development and validation for the simultaneous determination of four coumarins in <i>Saussurea superba</i> by capillary zone electrophoresis. <i>Journal of AOAC INTERNATIONAL</i> , 2010, 93, 1410-5.	1.5	1
84	Determination of Seven Flavonoids in <i>Ixeridium gracile</i> (DC.) Shih by High-Performance Liquid Chromatography. <i>Journal of AOAC INTERNATIONAL</i> , 2009, 92, 773-778.	1.5	1
85	Determination of flavonoids in the flowers of <i>Paulownia tomentosa</i> by high-performance liquid chromatography. <i>Journal of Analytical Chemistry</i> , 2009, 64, 282-288.	0.9	12
86	Determination of seven flavonoids in <i>Ixeridium gracile</i> (DC.) Shih by high-performance liquid chromatography. <i>Journal of AOAC INTERNATIONAL</i> , 2009, 92, 773-8.	1.5	0
87	Determination of the Lignan Secoisolariciresinol Diglucoside from Flaxseed ( <i>Linum Usitatissimum</i> L.) by HPLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2007, 30, 533-544.	1.0	14
88	Determination of Phenylpropanoid Glycosides in Chinese Herbal Extracts from <i>Pedicularis</i> Species by HPLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2004, 27, 2235-2245.	1.0	7
89	Determination of noradrenaline and dopamine in Chinese herbal extracts from <i>Portulaca oleracea</i> L. by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2003, 1003, 127-132.	3.7	87
90	Quantitative analysis, in vitro and in vivo permeability assays of toxic alkaloids in Qingpeng ointment using ultra performance liquid chromatography coupled with tandem mass spectrometry. <i>Journal of Liquid Chromatography and Related Technologies</i> , 0, , 1-9.	1.0	1

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91	Screening of acetylcholinesterase inhibitory and antioxidant active compounds from <i>Terminalia chebula</i> fruits by spectrum-effect relationship and liquid chromatography-mass spectrometry analysis. <i>Journal of Separation Science</i> , 0, , .	2.5	0