

Juan Chen

List of Publications by Year in descending order

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91
papers

2,215
citations

172386

29
h-index

243529

44
g-index

100
all docs

100
docs citations

100
times ranked

2802
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic graphene solid-phase extraction for the determination of carbamate pesticides in tomatoes coupled with high performance liquid chromatography. <i>Talanta</i> , 2015, 141, 212-219.	2.9	118
2	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.	2.6	111
3	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.	4.2	106
4	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.	2.9	92
5	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.	1.8	87
6	Herceptin-conjugated paclitaxel loaded PCL-PEG worm-like nanocrystal micelles for the combinatorial treatment of HER2-positive breast cancer. <i>Biomaterials</i> , 2019, 222, 119420.	5.7	79
7	Screening of enzyme inhibitors from traditional Chinese medicine by magnetic immobilized α -glucosidase coupled with capillary electrophoresis. <i>Talanta</i> , 2017, 164, 548-555.	2.9	78
8	Magnetic reduced graphene oxide functionalized with β -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.	1.8	69
9	Tyrosinase immobilization on aminated magnetic nanoparticles by physical adsorption combined with covalent crosslinking with improved catalytic activity, reusability and storage stability. <i>Analytica Chimica Acta</i> , 2018, 1006, 90-98.	2.6	64
10	UPLC-MS/MS analysis for antioxidant components of <i>Lycii Fructus</i> based on spectrum-effect relationship. <i>Talanta</i> , 2018, 180, 389-395.	2.9	63
11	Magnetic nitrogen-doped reduced graphene oxide as a novel magnetic solid-phase extraction adsorbent for the separation of bisphenol endocrine disruptors in carbonated beverages. <i>Talanta</i> , 2019, 201, 194-203.	2.9	59
12	α -Glucosidase immobilization on chitosan-enriched magnetic composites for enzyme inhibitors screening. <i>International Journal of Biological Macromolecules</i> , 2017, 105, 308-316.	3.6	56
13	Magnetic polyethyleneimine functionalized reduced graphene oxide as a novel magnetic sorbent for the separation of polar non-steroidal anti-inflammatory drugs in waters. <i>Talanta</i> , 2019, 191, 526-534.	2.9	50
14	Application of β -cyclodextrin-modified, carbon nanotube-reinforced hollow fiber to solid-phase microextraction of plant hormones. <i>Journal of Chromatography A</i> , 2014, 1374, 23-30.	1.8	48
15	Ginseng improves cognitive deficit via the RAGE/NF- κ B pathway in advanced glycation end product-induced rats. <i>Journal of Ginseng Research</i> , 2015, 39, 116-124.	3.0	44
16	Quality control of traditional Chinese medicines: a review. <i>Chinese Journal of Natural Medicines</i> , 2013, 11, 596-607.	0.7	43
17	Skin microbiota analysis-inspired development of novel anti-infectives. <i>Microbiome</i> , 2020, 8, 85.	4.9	42
18	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.	1.8	41

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19	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.	2.0	41
20	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1004, 53-59.	1.2	37
21	Magnetic boronate modified molecularly imprinted polymers on magnetite microspheres modified with porous TiO ₂ (Fe ₃ O ₄ @pTiO ₂ @MIP) with enhanced adsorption capacity for glycoproteins and with wide operational pH range. <i>Mikrochimica Acta</i> , 2018, 185, 565.	2.5	37
22	Organic acid component from <i>Taraxacum mongolicum</i> Hand.-Mazz alleviates inflammatory injury in lipopolysaccharide-induced acute tracheobronchitis of ICR mice through TLR4/NF- κ B signaling pathway. <i>International Immunopharmacology</i> , 2016, 34, 92-100.	1.7	34
23	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.	2.2	32
24	Selective determination of aromatic acids by new magnetic hydroxylated MWCNTs and MOFs based composite. <i>Talanta</i> , 2017, 168, 136-145.	2.9	32
25	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.	2.9	32
26	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.	1.3	31
27	Multiple functional ionic liquids based dispersive liquid-liquid microextraction combined with high performance chromatography for the determination of phenolic compounds in water samples. <i>Talanta</i> , 2014, 125, 329-335.	2.9	30
28	Wedelolactone protects human bronchial epithelial cell injury against cigarette smoke extract-induced oxidant stress and inflammation responses through Nrf2 pathway. <i>International Immunopharmacology</i> , 2015, 29, 648-655.	1.7	30
29	Electromembrane extraction based on carbon nanotubes reinforced hollow fiber for the determination of plant hormones. <i>New Journal of Chemistry</i> , 2015, 39, 9191-9199.	1.4	29
30	Green-colorimetric assay for the selective detection of trivalent chromium based on <i>Xanthoceras sorbifolia</i> tannin attached to gold nanoparticles. <i>Analytical Methods</i> , 2014, 6, 5720.	1.3	28
31	Protective effects of organic acid component from <i>Taraxacum mongolicum</i> Hand.-Mazz. against LPS-induced inflammation: Regulating the TLR4/IKK/NF- κ B signal pathway. <i>Journal of Ethnopharmacology</i> , 2016, 194, 395-402.	2.0	28
32	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.	2.5	28
33	Efficient synthesis of camptothecin propargylamine derivatives in water catalyzed by macroporous adsorption resin-supported gold nanoparticles. <i>Green Chemistry</i> , 2017, 19, 1399-1406.	4.6	25
34	β -Glucosidase immobilization on chitosan-modified cellulose filter paper: Preparation, property and application. <i>International Journal of Biological Macromolecules</i> , 2019, 122, 298-305.	3.6	25
35	pH-Responsive supramolecular hydrogels for codelivery of hydrophobic and hydrophilic anticancer drugs. <i>RSC Advances</i> , 2014, 4, 58982-58989.	1.7	23
36	An online immobilized β -glucosidase microreactor for enzyme kinetics and inhibition assays. <i>RSC Advances</i> , 2015, 5, 56841-56847.	1.7	23

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37	Î±-Glucosidase immobilization on polydopamine-coated cellulose filter paper and enzyme inhibitor screening. <i>Analytical Biochemistry</i> , 2020, 605, 113832.	1.1	21
38	Application of Capillary Electrophoresis in Enzyme Inhibitors Screening. <i>Chinese Journal of Analytical Chemistry</i> , 2015, 43, 775-782.	0.9	20
39	Development of ionic liquid based electromembrane extraction and its application to the enrichment of acidic compounds in pig kidney tissues. <i>RSC Advances</i> , 2015, 5, 37682-37690.	1.7	20
40	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. <i>Mikrochimica Acta</i> , 2019, 186, 375.	2.5	20
41	Analysis of Pesticide Residue in Tomatoes by Carbon Nanotubes/Î²-Cyclodextrin Nanocomposite Reinforced Hollow Fiber Coupled with HPLC. <i>Journal of Food Science</i> , 2019, 84, 1651-1659.	1.5	18
42	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.	2.4	18
43	Angiogenesis for tumor vascular normalization of Endostar on hepatoma 22 tumor-bearing mice is involved in the immune response. <i>Oncology Letters</i> , 2018, 15, 3437-3446.	0.8	17
44	Î±-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.	2.5	17
45	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.	0.8	16
46	Dopamine-polyethyleneimine co-deposition cellulose filter paper for Î±-Glucosidase immobilization and enzyme inhibitor screening. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1167, 122582.	1.2	16
47	Resorcylic Acid Lactones from an <i>Ilyonectria</i> sp.. <i>Journal of Natural Products</i> , 2020, 83, 1505-1514.	1.5	15
48	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.	0.5	14
49	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.	1.4	14
50	Screening of Î±-glucosidase inhibitors from natural flavonoids by an in-capillary assay combining PMMA and EMMA. <i>Analytical Methods</i> , 2019, 11, 1371-1378.	1.3	13
51	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.	0.4	12
52	Quantitative analysis of five toxic alkaloids in <i>Aconitum pendulum</i> using ultra-performance convergence chromatography (UPC ²) coupled with mass spectrometry. <i>RSC Advances</i> , 2015, 5, 103869-103875.	1.7	12
53	Holistic Analysis of Seven Active Ingredients by Micellar Electrokinetic Chromatography from Three Medicinal Herbs Composing Shuanghuanglian. <i>Journal of Chromatographic Science</i> , 2015, 53, 1786-1793.	0.7	12
54	Kinetics and inhibition study of tyrosinase by pressure mediated microanalysis. <i>Analytical Biochemistry</i> , 2017, 525, 54-59.	1.1	12

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55	Incanolides A and B, Two Schinorriterpenoids with a Tricyclo[9.2.1.0 ^{2,8}]tetradecane-Bridged System from <i>Schisandra incarnata</i> . <i>Organic Letters</i> , 2020, 22, 1071-1075.	2.4	10
56	Aspersteroids A-C, Three Rearranged Ergostane-type Steroids from <i>Aspergillus ustus</i> NRRL 275. <i>Organic Letters</i> , 2021, 23, 9620-9624.	2.4	10
57	Quality suitability regionalization analysis of <i>Angelica sinensis</i> in Gansu, China. <i>PLoS ONE</i> , 2020, 15, e0243750.	1.1	9
58	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.	2.0	8
59	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.	0.5	7
60	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.	0.7	7
61	Multivariate statistical analysis based on a chromatographic fingerprint for the evaluation of important environmental factors that affect the quality of <i>Angelica sinensis</i> . <i>Analytical Methods</i> , 2014, 6, 8268-8276.	1.3	6
62	Determination of Amino Acids in Plasma and Nutritional Supplements by Capillary Electrophoresis with Copper(II) Coordination. <i>Analytical Letters</i> , 2015, 48, 25-36.	1.0	6
63	Cellulose filter paper immobilized α -glucosidase and its application to screening inhibitors from traditional Chinese medicine. <i>Journal of Separation Science</i> , 2022, 45, 2724-2733.	1.3	6
64	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.	0.4	5
65	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.	1.3	5
66	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.	1.2	5
67	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.	1.8	5
68	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.	1.7	4
69	Rapid and sensitive determination of polyphenols composition of unifloral honey samples with their antioxidant capacities. <i>Cogent Chemistry</i> , 2015, 1, 1100527.	2.5	3
70	An optical material for the detection of trace S ₂ O ₃ ²⁻ in milk based on a copper complex. <i>BioMetals</i> , 2017, 30, 441-447.	1.8	3
71	Optimization of a Decoction Process for an Herbal Formula Using a Response Surface Methodology. <i>Journal of AOAC INTERNATIONAL</i> , 2017, 100, 1776-1784.	0.7	3
72	Components of Goutengsan in Rat Plasma by Microdialysis Sampling and Its Protection on A β ₁₋₄₂ -Induced PC12 Cells Injury. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-12.	0.5	3

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73	One-Step in Situ Preparation of Fe ₃ O ₄ /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.	2.0	3
74	Triterpenoids from the fresh pericarps of <i>Juglans hopeiensis</i> . Natural Product Research, 2021, 35, 228-235.	1.0	3
75	Glucosidase inhibitors screening from <i>Cyclocarya paliurus</i> based on spectrum-effect relationship and UPLC-MS/MS. Biomedical Chromatography, 2022, 36, e5313.	0.8	3
76	Protective effect of <i>Eucommia ulmoides</i> Oliver male flowers on ethanol-induced DNA damage in mouse cerebellum and cerebral cortex. Food Science and Nutrition, 2022, 10, 2794-2803.	1.5	3
77	Dopamine-polyethyleneimine co-deposition of a capillary for glucosidase immobilization and its application in enzyme inhibitor screening. Electrophoresis, 2021, 42, 2081-2086.	1.3	2
78	Determination of Seven Flavonoids in <i>Ixeridium gracile</i> (DC.) Shih by High-Performance Liquid Chromatography. Journal of AOAC INTERNATIONAL, 2009, 92, 773-778.	0.7	1
79	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. Analytical Methods, 2013, 5, 7058.	1.3	1
80	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.	1.3	1
81	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. Journal of Liquid Chromatography and Related Technologies, 0, , 1-9.	0.5	1
82	Method development and validation for the simultaneous determination of four coumarins in <i>Saussurea superba</i> by capillary zone electrophoresis. Journal of AOAC INTERNATIONAL, 2010, 93, 1410-5.	0.7	1
83	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). Analytical Letters, 2021, 54, 2259-2275.	1.0	0
84	Determination of seven flavonoids in <i>Ixeridium gracile</i> (DC.) Shih by high-performance liquid chromatography. Journal of AOAC INTERNATIONAL, 2009, 92, 773-8.	0.7	0
85	CYP3A1 metabolism-based neurotoxicity of strychnine in rat. Toxicology, 2022, 471, 153156.	2.0	0
86	Quality suitability regionalization analysis of <i>Angelica sinensis</i> in Gansu, China. , 2020, 15, e0243750.		0
87	Quality suitability regionalization analysis of <i>Angelica sinensis</i> in Gansu, China. , 2020, 15, e0243750.		0
88	Quality suitability regionalization analysis of <i>Angelica sinensis</i> in Gansu, China. , 2020, 15, e0243750.		0
89	Quality suitability regionalization analysis of <i>Angelica sinensis</i> in Gansu, China. , 2020, 15, e0243750.		0
90	Quality suitability regionalization analysis of <i>Angelica sinensis</i> in Gansu, China. , 2020, 15, e0243750.		0

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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, , .	1.3	0