

# Yin-Long Guo

## List of Publications by Year in descending order

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138  
papers

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126907

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140  
docs citations

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times ranked

4131  
citing authors

#	ARTICLE	IF	CITATIONS
1	Palladium-Catalyzed Oxidative Aryltrifluoromethylation of Activated Alkenes at Room Temperature. <i>Journal of the American Chemical Society</i> , 2012, 134, 878-881.	13.7	459
2	Palladium-Catalyzed Intermolecular Aminofluorination of Styrenes. <i>Journal of the American Chemical Society</i> , 2010, 132, 2856-2857.	13.7	265
3	Stereodivergent Synthesis of Tetrahydrofuroindoles through Pd-Catalyzed Asymmetric Dearomative Formal [3+2] Cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2134-2138.	13.8	172
4	<i>N</i> -Trifluoromethylthio-dibenzenesulfonimide: A Shelf-Stable, Broadly Applicable Electrophilic Trifluoromethylthiolating Reagent. <i>Journal of Organic Chemistry</i> , 2016, 81, 7486-7509.	3.2	160
5	Difluoromethylation of (hetero)aryl chlorides with chlorodifluoromethane catalyzed by nickel. <i>Nature Communications</i> , 2018, 9, 1170.	12.8	139
6	Highly Selective Pd-Catalyzed Intermolecular Fluorosulfonylation of Styrenes. <i>Journal of the American Chemical Society</i> , 2015, 137, 2468-2471.	13.7	137
7	Oxalic Diamides and <i>tert</i> -Butoxide: Two Types of Ligands Enabling Practical Access to Alkyl Aryl Ethers via Cu-Catalyzed Coupling Reaction. <i>Journal of the American Chemical Society</i> , 2019, 141, 3541-3549.	13.7	131
8	Controllable catalytic difluorocarbene transfer enables access to diversified fluoroalkylated arenes. <i>Nature Chemistry</i> , 2019, 11, 948-956.	13.6	125
9	Simultaneous determination of six bioactive flavonoids in <i>Citri Reticulatae Pericarpium</i> by rapid resolution liquid chromatography coupled with triple quadrupole electrospray tandem mass spectrometry. <i>Food Chemistry</i> , 2013, 141, 3977-3983.	8.2	93
10	A highly sensitive isotope-coded derivatization method and its application for the mass spectrometric analysis of analytes containing the carboxyl group. <i>Analytica Chimica Acta</i> , 2013, 758, 114-121.	5.4	87
11	Regioselective Palladium-Catalyzed C-H Bond Trifluoroethylation of Indoles: Exploration and Mechanistic Insight. <i>ACS Catalysis</i> , 2018, 8, 2173-2180.	11.2	87
12	Pd-Catalyzed Dehydrogenative Cross-Coupling of Polyfluoroarenes with Heteroatom-Substituted Enones. <i>Organic Letters</i> , 2012, 14, 1176-1179.	4.6	81
13	Discrimination of <i>Citrus reticulata</i> Blanco and <i>Citrus reticulata</i> "Chachi"™ by gas chromatograph-mass spectrometry based metabolomics approach. <i>Food Chemistry</i> , 2016, 212, 123-127.	8.2	75
14	Tetrasubstituted allenes via the palladium-catalysed kinetic resolution of propargylic alcohols using a supporting ligand. <i>Nature Catalysis</i> , 2019, 2, 997-1005.	34.4	75
15	ESI-MS Studies on the Mechanism of Pd(0)-Catalyzed Three-Component Tandem Double Addition-Cyclization Reaction. <i>Journal of the American Chemical Society</i> , 2005, 127, 13060-13064.	13.7	70
16	Palladium-catalyzed intermolecular fluoroesterification of styrenes: exploration and mechanistic insight. <i>Chemical Science</i> , 2013, 4, 3172.	7.4	67
17	Probing the Mechanism of the Palladium-Catalyzed Addition of Organoboronic Acids to Allenes in the Presence of AcOH by ESI-FTMS. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4771-4774.	13.8	58
18	Carbon nanotubes (2,5-dihydroxybenzoyl hydrazine) derivative as pH adjustable enriching reagent and matrix for MALDI analysis of trace peptides. <i>Journal of the American Society for Mass Spectrometry</i> , 2006, 17, 1023-1027.	2.8	56

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19	Rapid simultaneous screening and identification of multiple pesticide residues in vegetables. <i>Analytica Chimica Acta</i> , 2012, 757, 39-47.	5.4	54
20	Asymmetric Dearomatization of Indole by Palladium/PCa€Phosâ€Catalyzed Dynamic Kinetic Transformation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21991-21996.	13.8	54
21	Derivatization Strategy for Simultaneous Molecular Imaging of Phospholipids and Low-Abundance Free Fatty Acids in Thyroid Cancer Tissue Sections. <i>Analytical Chemistry</i> , 2019, 91, 4070-4076.	6.5	53
22	Investigation of Radical Cation in Electrophilic Fluorination by ESI-MS. <i>Organic Letters</i> , 2005, 7, 3877-3880.	4.6	52
23	Studies on highly regio- and stereoselective selenohydroxylation reaction of 1,2-allenyl phosphine oxides with PhSeCl. <i>Tetrahedron</i> , 2009, 65, 4877-4889.	1.9	50
24	Multifunctional Carbon Fiber Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2016, 88, 9547-9553.	6.5	50
25	Inhibiting deactivation of iridium catalysts with bulky substituents on coordination atoms. <i>Tetrahedron Letters</i> , 2010, 51, 525-528.	1.4	49
26	Solvent-Assisted Electrospray Ionization for Direct Analysis of Various Compounds (Complex) from Low/Nonpolar Solvents and Eluents. <i>Analytical Chemistry</i> , 2014, 86, 8937-8942.	6.5	46
27	Characterizing ion mobility and collision cross section of fatty acids using electrospray ion mobility mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2015, 50, 906-913.	1.6	42
28	Direct copolymerization of ethylene with protic comonomers enabled by multinuclear Ni catalysts. <i>Nature Communications</i> , 2021, 12, 6283.	12.8	41
29	Improving detection sensitivity of amino acids in thyroid tissues by using phthalic acid as a mobile phase additive in hydrophilic interaction chromatography-electrospray ionization-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2015, 870, 75-82.	5.4	36
30	Processing 2-Methyl- <i>l</i> -Tryptophan through Tandem Transamination and Selective Oxygenation Initiates Indole Ring Expansion in the Biosynthesis of Thiostrepton. <i>Journal of the American Chemical Society</i> , 2017, 139, 12105-12108.	13.7	36
31	Using tandem mass spectrometry to predict chemical transformations of 2-pyrimidinyl-N-arylbenzyl amine derivatives in solution. <i>Journal of the American Society for Mass Spectrometry</i> , 2006, 17, 253-263.	2.8	35
32	Tandem cross-cyclization reactions of activated alkenes to give densely functionalized 3,4-dihydropyrans. <i>Tetrahedron</i> , 2011, 67, 1768-1773.	1.9	34
33	Suspected-target pesticide screening using gas chromatography-quadropole time-of-flight mass spectrometry with high resolution deconvolution and retention index/mass spectrum library. <i>Talanta</i> , 2014, 128, 156-163.	5.5	34
34	Cobalt-Catalyzed Regio- and Stereoselective Hydroboration of Allenes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6278-6283.	13.8	34
35	Simultaneous Analysis of Fatty Alcohols, Fatty Aldehydes, and Sterols in Thyroid Tissues by Electrospray Ionization-Ion Mobility-Mass Spectrometry Based on Charge Derivatization. <i>Analytical Chemistry</i> , 2020, 92, 8644-8648.	6.5	34
36	The <i>N</i> -Aryl Aminocarbonyl <i>ortho</i> -Substituent Effect in Cu-Catalyzed Aryl Amination and Its Application in the Synthesis of 5-Substituted 11-Oxo-dibenzodiazepines. <i>Organic Letters</i> , 2011, 13, 6422-6425.	4.6	33

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37	Pyrinap ligands for enantioselective syntheses of amines. <i>Nature Communications</i> , 2021, 12, 19.	12.8	33
38	Sulfonamide bond cleavage in benzenesulfonamides and rearrangement of the resulting <i>p</i> -aminophenylsulfonfyl cations: application to a 2-pyrimidinyloxybenzylaminobenzenesulfonamide herbicide. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 1696-1702.	1.5	32
39	Phosphine-Catalyzed Difunctionalization of $\alpha$ -Fluoroalkyl $\alpha,\beta$ -Enones: A Direct Approach to $\alpha$ -Amino $\beta$ -keto Carbonyl Compounds. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15787-15791.	13.8	32
40	Thiolation Protein-Based Transfer of Indolyl to a Ribosomally Synthesized Polythiazolyl Peptide Intermediate during the Biosynthesis of the Side-Ring System of Nosiheptide. <i>Journal of the American Chemical Society</i> , 2017, 139, 18186-18189.	13.7	26
41	Pulsed Electrospray for Mass Spectrometry. <i>Analytical Chemistry</i> , 2001, 73, 4748-4753.	6.5	25
42	Selective hydroboration of unsaturated bonds by an easily accessible heterotopic cobalt catalyst. <i>Nature Communications</i> , 2021, 12, 3813.	12.8	25
43	Studies of rearrangement reactions of protonated and lithium cationized 2-pyrimidinyloxy- <i>N</i> -arylbenzylamine derivatives by MALDI-FT-ICR mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2004, 15, 1820-1832.	2.8	24
44	Mass spectrometric studies of the gas phase retro-Michael type fragmentation reactions of 2-hydroxybenzyl- <i>N</i> -pyrimidinylamine derivatives. <i>Journal of the American Society for Mass Spectrometry</i> , 2005, 16, 1561-1573.	2.8	23
45	Direct infusion electrospray ionization "ion mobility" mass spectrometry for comparative profiling of fatty acids based on stable isotope labeling. <i>Analytica Chimica Acta</i> , 2015, 887, 148-154.	5.4	22
46	Single-Cell On-Probe Derivatization "Noncontact Nanocarbon Fiber Ionization: Unraveling Cellular Heterogeneity of Fatty Alcohol and Sterol Metabolites. <i>Analytical Chemistry</i> , 2020, 92, 8378-8385.	6.5	22
47	<i>N</i> -alkylpyridinium quaternization combined with liquid chromatography "electrospray ionization-tandem mass spectrometry: A highly sensitive method to quantify fatty alcohols in thyroid tissues. <i>Analytica Chimica Acta</i> , 2014, 849, 19-26.	5.4	21
48	Combination of Solid-Phase Micro-Extraction and Direct Analysis in Real Time "Fourier Transform Ion Cyclotron Resonance Mass Spectrometry for Sensitive and Rapid Analysis of 15 Phthalate Plasticizers in Beverages. <i>Chinese Journal of Chemistry</i> , 2015, 33, 213-219.	4.9	21
49	Copper-Catalyzed <i>ortho</i> -Selective Dearomative C-N Coupling of Simple Phenols with <i>o</i> -Benzoylhydroxylamines. <i>ACS Catalysis</i> , 2019, 9, 7343-7349.	11.2	21
50	Asymmetric Construction of Six-Membered Rings by Cyclization of Allenes with Dinuclear Gold Catalysis. <i>Chemistry - A European Journal</i> , 2015, 21, 15939-15943.	3.3	20
51	Low-temperature headspace-trap gas chromatography with mass spectrometry for the determination of trace volatile compounds from the fruit of <i>Lycium barbarum</i> L.. <i>Journal of Separation Science</i> , 2015, 38, 670-676.	2.5	19
52	Dinuclear Cobalt Complex-Catalyzed Stereodivergent Semireduction of Alkynes: Switchable Selectivities Controlled by $H_{2/O}$ . <i>ACS Catalysis</i> , 2021, 11, 13696-13705.	11.2	19
53	Analysis of Volatile Organic Compounds from <i>Dendranthema indicum</i> var. <i>aromaticum</i> by Headspace Gas Chromatography-Mass Spectrometry and Accurate Mass Measurement. <i>Analytical Letters</i> , 2010, 43, 2297-2310.	1.8	18
54	Rapid quantitative analysis with low matrix effects of capsaicin in various samples by thermal desorption carbon fiber ionization mass spectrometry. <i>Analytica Chimica Acta</i> , 2019, 1048, 115-122.	5.4	18

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55	Increased hemoglobin and heme in MALDI-TOF MS analysis induce ferroptosis and promote degeneration of herniated human nucleus pulposus. <i>Molecular Medicine</i> , 2021, 27, 103.	4.4	18
56	Gas-phase sulfonyl-sulfinate rearrangement of protonated 4,6-dimethoxy-2-(methylsulfonyl)pyrimidine. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 2773-2776.	1.5	17
57	Direct and Convenient Mass Spectrometry Sampling with Ambient Flame Ionization. <i>Scientific Reports</i> , 2015, 5, 16893.	3.3	17
58	Abnormal Mesoionic Carbene Silver Complex: Synthesis, Reactivity, and Mechanistic Insight on Oxidative Fluorination. <i>ACS Catalysis</i> , 2015, 5, 6732-6737.	11.2	17
59	Ion mobility derived collision cross section as an additional measure to support the rapid analysis of abused drugs and toxic compounds using electrospray ion mobility time-of-flight mass spectrometry. <i>Analytical Methods</i> , 2018, 10, 749-756.	2.7	17
60	Mass spectrometric analysis of free fatty acids in infant milk powders by frozen pretreatment coupled with isotope labeling derivatization. <i>Journal of Separation Science</i> , 2016, 39, 873-879.	2.5	16
61	Benzylic rearrangement stable isotope labeling for quantitation of guanidino and ureido compounds in thyroid tissues by liquid chromatography-electrospray ionization mass spectrometry. <i>Analytica Chimica Acta</i> , 2016, 908, 132-140.	5.4	16
62	High-throughput screening and quantitation of guanidino and ureido compounds using liquid chromatography-drift tube ion mobility spectrometry-mass spectrometry. <i>Analytica Chimica Acta</i> , 2017, 961, 82-90.	5.4	16
63	High-throughput quantification of sodium saccharin in foods by ambient flame ionization mass spectrometry. <i>Talanta</i> , 2018, 182, 241-246.	5.5	16
64	Gold(I)-Catalyzed Ring Expansion of Alkynylcyclopropyl Allyl Ethers to Construct Tetrasubstituted Methylenecyclobutanones: A Mechanistic Investigation about the Character of Catalytic Amount of Water. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 2321-2328.	4.3	16
65	Radical <i>S</i> -Adenosylmethionine Protein NosN Forms the Side Ring System of Nosiheptide by Functionalizing the Polythiazolyl Peptide <i>S</i> -Conjugated Indolic Moiety. <i>Organic Letters</i> , 2019, 21, 1502-1505.	4.6	16
66	Quantitative Analysis of Metabolites at the Single-Cell Level by Hydrogen Flame Desorption Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2019, 91, 2752-2758.	6.5	16
67	Powerful Steroid-Based Chiral Selector for High-Throughput Enantiomeric Separation of $\pm$ -Amino Acids Utilizing Ion Mobility Mass Spectrometry. <i>Analytical Chemistry</i> , 2021, 93, 13589-13596.	6.5	16
68	Charged tag founded in <i>N</i> -(1-chloroalkyl)pyridinium quaternization for quantification of fatty aldehydes. <i>Analytica Chimica Acta</i> , 2016, 937, 80-86.	5.4	15
69	Analysis of Volatile Components of Fresh <i>Perilla frutescens</i> (L.) Britt. var. <i>acuta</i> (Thunb.) Kudoby Headspace GC/MS. <i>Journal of Essential Oil Research</i> , 2004, 16, 435-436.	2.7	14
70	Study on the reactive transient $\hat{\text{I}}^{\text{+}}\text{O}^{\text{-}}\text{I}^{\text{+}}$ iodanylacetophenone complex in the iodine(III)/PhI(I) catalytic cycle of iodobenzene-catalyzed $\pm$ -acetoxylation reaction of acetophenone by electrospray ionization tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 616-620.	1.5	14
71	<i>N</i> -alkylpyridinium quaternization for assisting electrospray ionization of sterols in oil by quadrupole time of flight mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2013, 48, 1101-1108.	1.6	14
72	Analyzing multiple pesticides in tobacco leaf using gas chromatography with quadrupole time-of-flight mass spectrometry. <i>Journal of Separation Science</i> , 2018, 41, 1983-1989.	2.5	14

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73	Intramolecular methyl migration in the protonated N,N <sup>ε</sup> -dimethylpropane-1,3-diamine and N,N <sup>ε</sup> -dimethylethane-1,2-diamine. <i>International Journal of Mass Spectrometry</i> , 2008, 270, 31-38.	1.5	13
74	Analysis of Trace <sup>ε</sup> -Level Volatile Compounds in Fresh Turf Crop ( <i>Lolium perenne</i> L.) by Gas Chromatography Quadrupole Time <sup>ε</sup> -of <sup>ε</sup> -Flight Mass Spectrometry. <i>Chinese Journal of Chemistry</i> , 2013, 31, 1329-1335.	4.9	13
75	Study of the Transient Reactive Pd(IV) Intermediate in the Pd(OAc) <sub>2</sub> -Catalyzed Oxidative Coupling Reaction System by Electrospray Ionization Tandem Mass Spectrometry. <i>Chinese Journal of Chemistry</i> , 2013, 31, 371-376.	4.9	13
76	Study of short-lived and early reaction intermediates in organocatalytic asymmetric amination reactions by ion-mobility mass spectrometry. <i>Catalysis Science and Technology</i> , 2016, 6, 6637-6643.	4.1	13
77	Quantification ethyl carbamate in wines using reaction-assisted-extraction with 9-xanthinol and detection by heart-cutting multidimensional gas chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 2018, 1001, 86-92.	5.4	13
78	From Isocyanides to Iminonitriles via Silver-mediated Sequential Insertion of C(sp <sup>3</sup> ) <sup>ε</sup> -H Bond. <i>IScience</i> , 2019, 21, 650-663.	4.1	13
79	Analysis of Volatile Compounds in Radix Bupleuri Injection by GC <sup>ε</sup> -MS <sup>ε</sup> -MS. <i>Chromatographia</i> , 2011, 74, 497-502.	1.3	12
80	Gas Phase Decarbonylation and Cyclization Reactions of Protonated N-Methyl-N-Phenylmethacrylamide and Its Derivatives Via an Amide Claisen Rearrangement. <i>Journal of the American Society for Mass Spectrometry</i> , 2012, 23, 2149-2157.	2.8	12
81	Reliable screening of pesticide residues in maternal and umbilical cord sera by gas chromatography-quadrupole time of flight mass spectrometry. <i>Science China Chemistry</i> , 2014, 57, 669-677.	8.2	12
82	Negishi Coupling for Highly Selective Syntheses of Allenes via Ligand Effect and Mechanistic Study via SAESI <sup>ε</sup> -MS/MS. <i>Chinese Journal of Chemistry</i> , 2019, 37, 1003-1008.	4.9	12
83	Arc Plasma-Based Dissociation Device: Fingerprinting Mass Spectrometric Analysis Realized at Atmospheric Condition. <i>Analytical Chemistry</i> , 2020, 92, 14633-14639.	6.5	12
84	Online Quaternized Derivatization Mapping and Glycerides Profiling of Cancer Tissues by Laser Ablation Carbon Fiber Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2022, 94, 3756-3761.	6.5	12
85	Chloramine-T-Enabled Mass Spectrometric Analysis of C <sup>ε</sup> -C Isomers of Unsaturated Fatty Acids and Phosphatidylcholines in Human Thyroids. <i>Analytical Chemistry</i> , 2022, 94, 6216-6224.	6.5	12
86	Porous anodic alumina membrane as a sample support for MALDI-TOF MS analysis of salt-containing proteins. <i>Journal of the American Society for Mass Spectrometry</i> , 2005, 16, 1488-1492.	2.8	11
87	Validating an ion mobility spectrometry-quadrupole time of flight mass spectrometry method for high-throughput pesticide screening. <i>Analyst</i> , 2019, 144, 4835-4840.	3.5	11
88	Recent Advances in Atmospheric Ionization Mass Spectrometry: Developments and Applications. <i>Chinese Journal of Chemistry</i> , 2020, 38, 25-38.	4.9	11
89	Ultrasonic extraction and nebulization in real-time coupled with carbon fiber ionization mass spectrometry for rapid screening of the synthetic drugs adulterated into herbal products. <i>Analytica Chimica Acta</i> , 2020, 1136, 62-71.	5.4	11
90	Electrospray ionization mass spectrometric study on the <sup>ε</sup> -fluorination of aldehydes. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 3477-3480.	1.5	10

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91	Gas-phase synthesis of hydrodiphenylcyclopropenylum via nonclassical Favorskii rearrangement from alkali-cationized 1,1-dibromodibenzyl ketone. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 2665-2672.	1.5	10
92	The remarkable role of solvent in reaction mechanism studies by electrospray mass spectrometry. <i>Organic Chemistry Frontiers</i> , 2015, 2, 990-994.	4.5	10
93	Chiral Analysis of Lactate during Direct Contact Coculture by Single-Cell On-Probe Enzymatic Dehydrogenation Derivatization: Unraveling Metabolic Changes Caused by D-Lactate. <i>Analytical Chemistry</i> , 2021, 93, 4576-4583.	6.5	10
94	Comparison of Hair Fatty Alcohols by N-Alkylpyridinium Isotope Quaternization and Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry for Drug Abuse Monitoring. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2376-2382.	4.9	9
95	Analysis of the Volatile Compounds in Senecio Scandens Buch-Ham by Gas Chromatography-Tandem Mass Spectrometry Based on Diversified Scan Technologies. <i>European Journal of Mass Spectrometry</i> , 2011, 17, 353-363.	1.0	8
96	Studies of gas-phase reactions of cationic iron complexes of 2-pyrimidinyl-oxyl-N-arylamines by electrospray ionization tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 169-178.	1.5	8
97	Rapid Detection of Irreversible Acetylcholinesterase Inhibitor by Mass Spectrometry Assay. <i>Chinese Journal of Chemistry</i> , 2012, 30, 1788-1792.	4.9	8
98	Study on the accelerated Gutknecht self-cyclocondensation of amino-sugars under atmospheric pressure chemical ionization conditions. <i>RSC Advances</i> , 2015, 5, 105079-105083.	3.6	8
99	Analysis of Volatile Compounds from <i>Siraitia grosvenorii</i> by Headspace Solid-Phase Microextraction and Gas Chromatography-Quadrupole Time-of-Flight Mass Spectrometry. <i>Journal of Chromatographic Science</i> , 2015, 53, 1-7.	1.4	8
100	Determination of highly volatile compounds in fresh onion ( <i>Allium cepa</i> L.) by room-temperature enrichment headspace-trap coupled to cryotrapping GC-MS. <i>Separation Science Plus</i> , 2018, 1, 530-538.	0.6	8
101	Synthesis of 1,2-Disubstituted Ferrocene Containing a Heteroaryl Group. <i>Synthetic Communications</i> , 2000, 30, 4405-4410.	2.1	7
102	Facile and fast enrichment of phosphopeptides prior to matrix-assisted laser desorption/ionization time-of-flight mass spectrometric analysis using natural nanoparticle-bentonite. <i>International Journal of Mass Spectrometry</i> , 2013, 343-344, 23-27.	1.5	7
103	Enhanced detection and desalting free protocol for phosphopeptides eluted from immobilized Fe (III) affinity chromatography in direct MALDI TOF analysis. <i>Journal of Proteomics</i> , 2014, 96, 360-365.	2.4	7
104	Rapid characterization of nonpolar or low-polarity solvent extracts from herbal medicines by solvent-assisted electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 221-229.	1.5	7
105	Using MALDI-TOF MS coupled with a high-mass detector to directly analyze intact proteins in thyroid tissues. <i>Science China Chemistry</i> , 2018, 61, 871-878.	8.2	7
106	Mechanistic Insights into the Palladium(II)-catalyzed Intramolecular Cyclization of <i>o</i> -alkynylphenylphosphonamide and <i>N</i> -( <i>o</i> -alkynylphenyl)acetamide by Electrospray Ionization Mass Spectrometry. <i>Chinese Journal of Chemistry</i> , 2009, 27, 1733-1740.	4.9	6
107	Behaviors of Leucine and Isoleucine in Ion Mobility-Quadrupole Time of Flight Mass Spectrometry. <i>Chinese Journal of Chemistry</i> , 2015, 33, 1359-1364.	4.9	6
108	An unexpected acid-catalyzed decomposition reaction of cilnidipine and pranidipine to the decarboxylative bridged tricyclic products via cascade rearrangements. <i>Organic Chemistry Frontiers</i> , 2017, 4, 2163-2166.	4.5	6

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109	GC/MS-based urine metabolomics analysis of renal allograft recipients with acute rejection. <i>Journal of Translational Medicine</i> , 2018, 16, 202.	4.4	6
110	The Determination of Non-covalent Complexes of Diclofenac Sodium and Cyclodextrins by Electrospray Ionization/Time-of-Flight Mass Spectrometry. <i>Analytical Letters</i> , 2003, 36, 493-510.	1.8	5
111	Investigation of Coordination of Mg(II) Cations to 2-Pyrimidinyl-oxy-N-Arylbenzylamines by Electrospray Mass Spectrometry: Insights for Mg(II) Catalyzed Smiles Rearrangement Reactions. <i>European Journal of Mass Spectrometry</i> , 2011, 17, 145-157.	1.0	5
112	Potential of monitoring isotopologues by quantitative gas chromatography with time-of-flight mass spectrometry for metabolomic assay. <i>Journal of Separation Science</i> , 2016, 39, 1137-1143.	2.5	5
113	Fast Eruption Desorption Ionization for Mass Spectrometric Analysis. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 1319-1322.	2.8	5
114	Study on mass spectrometric behavior of samarium di-iodide in tetrahydrofuran solution. <i>International Journal of Mass Spectrometry</i> , 2008, 270, 62-67.	1.5	4
115	Electrospray ionization fourier transform ion cyclotron resonance mass spectrometric study on sodium azide cluster ions. <i>Chinese Journal of Chemistry</i> , 2004, 22, 1164-1169.	4.9	4
116	Discrimination of the microbial subspecies using the ribosomal protein spectra coupled with the metabolite high resolution mass spectra. <i>Talanta</i> , 2020, 208, 120361.	5.5	4
117	Mass Spectrometry-Based Discovery of New Chemical Scaffold Rearrangement Ions: Aza-biphenylene as a Novel Potent Biradical Agent in Cancer Chemotherapy. <i>Analytical Chemistry</i> , 2020, 92, 14517-14527.	6.5	4
118	Rapid Characterization of Polymer Materials Using Arc Plasma-Based Dissociation-Mass Spectrometry. <i>Analytical Chemistry</i> , 2021, 93, 12480-12486.	6.5	4
119	Rapid Discrimination of <i>Citrus reticulata</i> "Chachi"™ by Electrospray Ionization "Ion Mobility" High-Resolution Mass Spectrometry. <i>Molecules</i> , 2021, 26, 7015.	3.8	4
120	Detection of Radical Adducts with Small Molecular Weights by Matrix-Assisted Laser Desorption/Ionization with Fourier Transform Mass Spectrometry. <i>Chinese Journal of Chemistry</i> , 2007, 25, 1139-1144.	4.9	3
121	ESI-MS Studies on Alcoholysis Mechanism of Electron-deficient Cyclopropane Derivatives. <i>Chinese Journal of Chemistry</i> , 2008, 26, 923-928.	4.9	3
122	ESI-FTICRMS Characterization of the Intermediates in Cycloisomerization of Trifluoromethyl-substituted Enynols through Changing the Protecting Group of Substrate. <i>Chinese Journal of Chemistry</i> , 2009, 27, 123-129.	4.9	3
123	Study of 2-(3-(phenylsulfinyl)prop-1-en-1-yl) and its Analogues by Self-chemical Ionization Mass Spectrometry. <i>Chinese Journal of Chemistry</i> , 2001, 19, 851-855.	4.9	3
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