

Kezhi Jiang

List of Publications by Year in descending order

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53
papers

761
citations

516710
16
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all docs

53
docs citations

53
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous determination of zearalenone and its derivatives in edible vegetable oil by gel permeation chromatography and gas chromatography-triple quadrupole mass spectrometry. <i>Food Chemistry</i> , 2015, 166, 23-28.	8.2	74
2	Dissociative Protonation and Proton Transfers: Fragmentation of \hat{I}^{\pm} , \hat{I}^2 -Unsaturated Aromatic Ketones in Mass Spectrometry. <i>Journal of Organic Chemistry</i> , 2008, 73, 3369-3376.	3.2	55
3	Intramolecular Charge Transfer in the Gas Phase: Fragmentation of Protonated Sulfonamides in Mass Spectrometry. <i>Journal of Organic Chemistry</i> , 2010, 75, 4244-4250.	3.2	53
4	Hydride transfer reactions via ion-neutral complex: fragmentation of protonated \hat{N} -benzylpiperidines and protonated \hat{N} -benzylpiperazines in mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2010, 45, 496-503.	1.6	52
5	A colorimetric and ratiometric turn-on BODIPY-based fluorescent probe for double-channel detection of Cu^{2+} and Hg^{2+} . <i>Journal of Luminescence</i> , 2013, 141, 130-136.	3.1	52
6	Gas-Phase Nucleophilic Aromatic Substitution between Piperazine and Halobenzyl Cations: Reactivity of the Methylene Arenium Form of Benzyl Cations. <i>Chemistry - A European Journal</i> , 2011, 17, 10820-10824.	3.3	35
7	Catalytic Synthesis of Functional Silicon-Stereogenic Silanes through <i>Candida antarctica</i> Lipase B Catalyzed Remote Desymmetrization of Silicon-Centered Diols. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5814-5819.	2.4	28
8	Quantification of lactate from various metabolic pathways and quantification issues of lactate isotopologues and isotopmers. <i>Scientific Reports</i> , 2017, 7, 8489.	3.3	27
9	A BODIPY derivative for colorimetric fluorescence sensing of Hg^{2+} , Pb^{2+} and Cu^{2+} ions and its application in logic gates. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 203, 315-323.	3.9	27
10	Thioacetamide as an Ammonium Source for Multicomponent Synthesis of Pyridines from Aldehydes and Electron-Deficient Enamines or Alkynes. <i>Synthesis</i> , 2014, 46, 3256-3262.	2.3	25
11	Gas-phase fragmentation of the protonated benzyl ester of proline: intramolecular electrophilic substitution versus hydride transfer. <i>Journal of Mass Spectrometry</i> , 2013, 48, 423-429.	1.6	24
12	$C^{\sup>1\pm}$ and $C^{\sup>12}$ and $C^{\sup>1\pm}$ -N bond cleavage in the dissociation of protonated N-benzylactams: dissociative proton transfer and intramolecular proton-transport catalysis. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 791-797.	2.8	21
13	Recognizing ortho-, meta- or para-positional isomers of S-methyl methoxylphenylmethylenhydrazine dithiocarboxylates by ESI-MS2: The positional effect of the methoxyl substituent. <i>International Journal of Mass Spectrometry</i> , 2011, 299, 13-19.	1.5	18
14	Construction of diverse C-S/Se bonds via nickel catalyzed reductive coupling employing thiosulfonates and a selenosulfonate under mild conditions. <i>Organic Chemistry Frontiers</i> , 2022, 9, 1375-1382.	4.5	18
15	Neighboring Acetal-Assisted Brønsted-Acid-Catalyzed Si-H Bond Activation: Divergent Synthesis of Functional Siloxanes through Silylation and Hydrolytic Oxidation of Organosilanes. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 1736-1742.	2.4	17
16	Fragmentation reactions of \hat{N} -benzyltetrahydroquinolines in electrospray ionization mass spectrometry: the roles of ion/neutral complex intermediates. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 1381-1386.	1.5	16
17	HPLC/QTOF-MS/MS application to investigate phenolic constituents from <i>Ficus pandurata</i> H. aerial roots. <i>Biomedical Chromatography</i> , 2015, 29, 860-868.	1.7	16
18	Tosyl oxygen transfer and ion-neutral complex mediated electron transfer in the gas-phase fragmentation of the protonated N-phenyl p-toluenesulfonamides. <i>International Journal of Mass Spectrometry</i> , 2015, 376, 6-12.	1.5	16

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19	On the Origin of the Methyl Radical Loss from Deprotonated Ferulic and Isoferulic Acids: Electronic Excitation of a Transient Structure. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 941-948.	2.8	15
20	Rapid differentiation of ortho-, meta-, and para-isomers of halogenated phenylmethylidene hydrazinecarbodithioates by metal complexation and electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 2111-2120.	1.5	13
21	Rapid determination of ginkgolic acids in <i>Ginkgo biloba</i> kernels and leaves by direct analysis in real time mass spectrometry. <i>Journal of Separation Science</i> , 2017, 40, 4857-4864.	2.5	13
22	Simultaneous determination of isomeric substituted anilines by imidization with benzaldehyde and gas chromatography mass spectrometry. <i>Journal of Separation Science</i> , 2018, 41, 440-448.	2.5	13
23	Electrospray mass spectrometric studies of nickel(II)-thiosemicarbazones complexes: Intra-complex proton transfer in the gas phase ligand exchange reactions. <i>International Journal of Mass Spectrometry</i> , 2012, 321-322, 40-48.	1.5	11
24	Gas-Phase Fragmentation of Protonated <i>N</i> ,2-Diphenyl- <i>N'</i> -(<i>p</i> -Toluenesulfonyl)Ethanimidamides: Tosyl Cation Transfer Versus Proton Transfer. <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 1428-1431.	2.8	9
25	Competing benzyl cation transfers in the gas-phase fragmentation of the protonated benzyl phenylalaninates. <i>International Journal of Mass Spectrometry</i> , 2014, 369, 23-29.	1.5	8
26	Investigation on the Gas-Phase Decomposition of Trichlorfon by GC-MS and Theoretical Calculation. <i>PLoS ONE</i> , 2015, 10, e0121389.	2.5	8
27	Dissociation of protonated <i>N</i> -(3-phenyl-2-hydroxychromenylidene)-benzenesulfonamide in the gas phase: cyclization via sulfonyl cation transfer. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 95-100.	1.5	8
28	Differentiation of isomeric haloanilines by tosylation in combination with electrospray ionization mass spectrometry. <i>European Journal of Mass Spectrometry</i> , 2018, 24, 337-343.	1.0	7
29	Determination of trace fluoride in water samples by silylation and gas chromatography/mass spectrometry analysis. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9089.	1.5	7
30	Separation of the Isomers of Oligomethylphenylcyclasiloxanes and Determination of their Structures by Capillary GC-MS. <i>Chromatographia</i> , 2006, 64, 689-694.	1.3	6
31	The Pyrolytic Reaction of Ketonic Hydrazones from <i>S</i> -Methyl Dithiocarbamate: A Combined Online GC-MS Pyrolysis and DFT Study. <i>Journal of Physical Chemistry A</i> , 2009, 113, 697-706.	2.5	6
32	Phytochemical Compositions and Antioxidant and Anti-Inflammatory Activities of Crude Extracts from <i>Ficus pandurata</i> H. (Moraceae). <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-8.	1.2	6
33	Two competing ionization processes in electrospray mass spectrometry of indolyl benzo[<i>b</i>]carbazoles: formation of M^{+} versus $[M+H]^{+}$. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 263-268.		6
34	Observation of the Intermediates of In-Source Aldolization Reactions in Electrospray Ionization Mass Spectrometry Analysis of Heteroaromatic Aldehydes. <i>European Journal of Mass Spectrometry</i> , 2015, 21, 51-57.	1.0	5
35	The competing radical eliminations in the tandem mass spectrometry of the deprotonated benzyl vanillate. <i>Journal of Mass Spectrometry</i> , 2015, 50, 432-436.	1.6	5
36	Two competing ionization processes in ESI-MS analysis of <i>N</i> -(1,3-diphenylallyl)benzenamines: formation of the unusual $[M+H]^{+}$ ion versus the regular $[M+H]^{+}$ ion. <i>European Journal of Mass Spectrometry</i> , 2018, 24, 251-260.	1.0	5

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37	Fragmentation mechanism of product ions from protonated proline-containing tripeptides in electrospray ionization mass spectrometry. <i>Science Bulletin</i> , 2012, 57, 2051-2061.	1.7	4
38	Isomeric Differentiation of Chloroanilines by Gas Chromatography-Mass Spectrometry in Combination with Tosylation. <i>European Journal of Mass Spectrometry</i> , 2016, 22, 127-132.	1.0	4
39	Determination of phytic acid in wheat products by complete methyl esterification and liquid chromatography-mass spectrometry analysis. <i>Journal of Separation Science</i> , 2021, 44, 2856-2861.	2.5	4
40	Differentiation of isomeric methylanilines by imidization and gas chromatography/mass spectrometry analysis. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 342-348.	1.5	3
41	Diastereomer recognition of oxytetracycline and its 4-epimer by electrospray ionization mass spectrometry and mechanistic investigation. <i>Journal of Mass Spectrometry</i> , 2019, 54, 1013-1018.	1.6	3
42	Differentiation of isomeric cresols by silylation in combination with gas chromatography/mass spectrometry analysis. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8576.	1.5	3
43	Iodine/water-mediated deprotective oxidation of allylic ethers to access α,β -unsaturated ketones and aldehydes. <i>RSC Advances</i> , 2020, 10, 14720-14724.	3.6	3
44	Preparative and Biosynthetic Insights Into pdA2E and isopdA2E, Retinal-Derived Fluorophores of Retinal Pigment Epithelial Lipofuscin. <i>Investigative Ophthalmology and Visual Science</i> , 2014, 55, 8241-8250.	3.3	2
45	Decarboxylative Coupling Reaction in ESI(AM)-MS/MS of 4-Nitrobenzyl 4-Hydroxybenzoates: Triplet Ion-Neutral Complex-Mediated 4-Nitrobenzyl Transfer. <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 940-943.	2.8	2
46	Quantification of phytic acid in baby foods by derivatization with (trimethylsilyl)diazomethane and liquid chromatography-mass spectrometry analysis. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9194.	1.5	2
47	Fragmentation of Deprotonated Diacylhydrazine Derivatives in Electrospray Ionization Tandem Mass Spectrometry: Generation of Acid Anions via Intramolecular Rearrangement. <i>PLoS ONE</i> , 2013, 8, e63097.	2.5	1
48	Two competitive INCM-mediated reactions in the gas-phase fragmentation of protonated indolyl benzo[<i>c</i>]carbazoles. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 20-23.	1.5	1
49	Sulfur Transfer Versus Phenyl Ring Transfer in the Gas Phase: Sequential Loss of CH ₃ OH and CH ₃ O-P=O from Protonated Phosphorothioates. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 459-467.	2.8	1
50	Formation of the exceptional [M + H] ⁺ cation in atmospheric pressure ionization mass spectrometry analysis of 2-(diphenylsilyl) cyclopropanecarboxylate esters. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8866.	1.5	1
51	Method for the accurate determination of phytic acid in beverages by liquid chromatography-mass spectrometry after methylation with (trimethylsilyl) diazomethane. <i>LWT - Food Science and Technology</i> , 2021, 151, 112212.	5.2	1
52	Diastereomer recognition of three pairs of tetracyclines by electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2022, 36, e9221.	1.5	1
53	Characterizing Oligomeric Hydroxyl Silicon Oils by MALDI-TOF MS With the Pyridine-Modified Matrix. <i>Frontiers in Chemistry</i> , 2021, 9, 755174.	3.6	0