

Haixing Wang

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

631
citations

566801

15
h-index

610482

24
g-index

40
all docs

40
docs citations

40
times ranked

716
citing authors

#	ARTICLE	IF	CITATIONS
1	In Situ Method for Real-Time Discriminating Salmon and Rainbow Trout without Sample Preparation Using iKnife and Rapid Evaporative Ionization Mass Spectrometry-Based Lipidomics. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 4679-4688.	2.4	70
2	Rapid detection and quantitation of ketamine and norketamine in urine and oral fluid by wooden-tip electrospray ionization mass spectrometry. <i>Analyst</i> , The, 2013, 138, 2239.	1.7	62
3	Electric Soldering Iron Ionization Mass Spectrometry Based Lipidomics for in Situ Monitoring Fish Oil Oxidation Characteristics during Storage. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 2240-2248.	2.4	36
4	Direct analysis of herbal powders by pipette-tip electrospray ionization mass spectrometry. <i>Analytica Chimica Acta</i> , 2014, 809, 109-116.	2.6	34
5	Fascaplysin Derivatives Are Potent Multitarget Agents against Alzheimer's Disease: <i>in Vitro</i> and <i>in Vivo</i> Evidence. <i>ACS Chemical Neuroscience</i> , 2019, 10, 4741-4756.	1.7	34
6	Resveratrol Protects against Titanium Particle-Induced Aseptic Loosening Through Reduction of Oxidative Stress and Inactivation of NF- κ B. <i>Inflammation</i> , 2016, 39, 775-785.	1.7	31
7	In situ and real-time authentication of <i>Thunnus</i> species by iKnife rapid evaporative ionization mass spectrometry based lipidomics without sample pretreatment. <i>Food Chemistry</i> , 2020, 318, 126504.	4.2	29
8	Rapid Evaporative Ionization Mass Spectrometry-Based Lipidomics Tracking of Grass Carp (<i>Ctenopharyngodon idellus</i>) during <i>In Vitro</i> Multiple-Stage Digestion. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 6246-6253.	2.4	28
9	Real-time assessing the lipid oxidation of prawn (<i>Litopenaeus vannamei</i>) during air-frying by iKnife coupling rapid evaporative ionization mass spectrometry. <i>Food Control</i> , 2020, 111, 107066.	2.8	28
10	Structural characteristics of dietary fiber (<i>Vigna radiata</i> L. hull) and its inhibitory effect on phospholipid digestion as an additive in fish floss. <i>Food Control</i> , 2019, 98, 74-81.	2.8	27
11	Real-Time Monitoring of the Oxidation Characteristics of Antarctic Krill Oil (<i>Euphausia</i>) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50</i> <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 1457-1467.	2.4	27
12	Identification and Characterization of Kukoamine Metabolites by Multiple Ion Monitoring Triggered Enhanced Product Ion Scan Method with a Triple-Quadruple Linear Ion Trap Mass Spectrometer. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 10785-10790.	2.4	18
13	Analysis of volatile compound change in tuna oil during storage using a laser irradiation based HS-SPME-GC/MS. <i>LWT - Food Science and Technology</i> , 2020, 120, 108922.	2.5	18
14	Development of an intelligent surgical knife rapid evaporative ionization mass spectrometry based method for real-time differentiation of cod from oilfish. <i>Journal of Food Composition and Analysis</i> , 2020, 86, 103355.	1.9	18
15	Rapid analysis of raw solution samples by C18 pipette-tip electrospray ionization mass spectrometry. <i>Analytica Chimica Acta</i> , 2014, 844, 1-7.	2.6	17
16	In situ rapid evaporative ionization mass spectrometry method for real-time discrimination of <i>Pelodiscus sinensis</i> in different culturing modes without sample preparation. <i>Food Analytical Methods</i> , 2019, 12, 2699-2708.	1.3	15
17	Isolation and lipidomics characterization of fatty acids and phospholipids in shrimp waste through GC/FID and HILIC-QTrap/MS. <i>Journal of Food Composition and Analysis</i> , 2021, 95, 103668.	1.9	13
18	Low-salted salmon: Effects of salt reduction on physicochemical, lipidomic, and sensory characteristics. <i>LWT - Food Science and Technology</i> , 2021, 152, 112311.	2.5	10

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19	Chemical Profiling of <i>Lobelia chinensis</i> with High-Performance Liquid Chromatography/Quadrupole Time-of-Flight Mass Spectrometry (HPLC/Q-TOF MS) Reveals Absence of Lobeline in the Herb. <i>Molecules</i> , 2018, 23, 3258.	1.7	9
20	Detection of lipidomics characterization of tuna meat during different wet-aging stages using iKnife rapid evaporative ionization mass spectrometry. <i>Food Research International</i> , 2022, 156, 111307.	2.9	9
21	Determination of propofol in human plasma with C18 pipette-tip based solid-phase extraction followed by liquid chromatography atmospheric-pressure chemical ionization tandem mass spectrometry analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 193, 113714.	1.4	8
22	Compositional study of plasmalogens in clam (<i>Corbicula fluminea</i>) by TiO ₂ /KCC-1 extraction, enzymatic purification, and lipidomics analysis. <i>Journal of Food Composition and Analysis</i> , 2021, 101, 103966.	1.9	8
23	Lipidomics Screening of Polyunsaturated Phospholipid Molecular Species in Crab (<i>Portunus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Science and Technology, 2022, 124, 2100097.	1.0	7
24	PRiME pass-through purification of lignans in <i>Silybum marianum</i> and UPLC-MS/MS analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1093-1094, 128-133.	1.2	6
25	Determination of kaurenoic acid in rat plasma using UPLC-MS/MS and its application to a pharmacokinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 164, 27-31.	1.4	6
26	Untargeted Screening of EPA/DHA Structured Phospholipids in Krill Oil by Chain-Lock-Driven Hydrophilic Interaction Liquid Chromatography Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 14652-14659.	2.4	6
27	Lipidomic analysis and diagnosis of glioblastoma multiforme with rapid evaporative ionization mass spectrometry. <i>Electrophoresis</i> , 2021, 42, 1965-1973.	1.3	6
28	Phospholipidomics quality evaluation of swimming crabs (<i>Portunus trituberculatus</i>) cultured with formulated feed, frozen trash fish, and mixed feed, a non-target approach by HILIC-MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1179, 122845.	1.2	6
29	Rapid determination of antiviral drugs in yellow catfish (<i>Pelteobagrus fulvidraco</i>) using graphene/silica nanospheres (G/KCC-1) based pipette tip solid-phase extraction with ultra-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1189, 123097.	1.2	6
30	Pharmacokinetic study of rosavin in rat plasma with ultra performance LC-MS/MS after intravenous and gavage administration. <i>Bioanalysis</i> , 2019, 11, 837-845.	0.6	5
31	Determination of fascaplysin in rat plasma with ultra-performance liquid chromatography-tandem mass spectrometry (UPLC-MS/MS): application to a pharmacokinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 171, 126-131.	1.4	5
32	Development of a mesoporous silica based solid-phase extraction and ultra-performance liquid chromatography-MS/MS method for quantifying lignans in <i>Justicia procumbens</i> . <i>Electrophoresis</i> , 2020, 41, 379-385.	1.3	5
33	Laser irradiation desorption of microcystins from protein complex in fish tissue and liquid chromatography-tandem mass spectrometry analysis. <i>Electrophoresis</i> , 2019, 40, 1805-1811.	1.3	4
34	Triazole Hydrophilic Interaction Chromatography Mass Spectrometry-Based Method for Studying the Lipidomic Composition of Largemouth Bass (<i>Micropterus salmoides</i>) with Different Feeds. <i>Food Analytical Methods</i> , 2020, 13, 1371-1380.	1.3	4
35	Monodisperse microsphere-based immobilized metal affinity chromatography approach for preparing Antarctic krill phospholipids followed by HILIC-MS analysis. <i>Food Chemistry</i> , 2021, 344, 128585.	4.2	4
36	Detection of fish frauds (basa catfish and sole fish) via iKnife rapid evaporative ionization mass spectrometry: An in situ and real-time analytical method. <i>Food Control</i> , 2022, 142, 109248.	2.8	4

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37	Development of a PRiME cartridge purification method for rapid determination of malachite green and leucomalachite green in Chinese softshell turtle. <i>Electrophoresis</i> , 2019, 40, 1615-1621.	1.3	3
38	Screening of Phospholipids in Plasma of Large-Artery Atherosclerotic and Cardioembolic Stroke Patients With Hydrophilic Interaction Chromatography-Mass Spectrometry. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 794057.	1.6	2
39	Fabrication and characterization of tea polyphenol W/O microemulsion-based bioactive edible film for sustained release in fish floss preservation. <i>Food Science and Nutrition</i> , 2022, 10, 2370-2380.	1.5	2
40	Rapid quantification of bioactive compounds in <i>Salvia miltiorrhiza</i> Bunge derived decoction pieces, dripping pill, injection, and tablets by polarity-switching UPLC-MS/MS. <i>Frontiers in Chemistry</i> , 0, 10, .	1.8	1