

A M Abd El-Aty

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

408
papers

6,095
citations

37
h-index

52
g-index

438
ext. papers

7,517
ext. citations

4.6
avg, IF

5.85
L-index

#	Paper	IF	Citations
408	Acetylcholinesterase Immobilized on Magnetic Mesoporous Silica Nanoparticles Coupled with Fluorescence Analysis for Rapid Detection of Carbamate Pesticides. <i>ACS Applied Nano Materials</i> , 2022 , 5, 1327-1338	5.6	2
407	Impact of high moisture contents on the structure and functional properties of pea protein isolate during extrusion. <i>Food Hydrocolloids</i> , 2022 , 127, 107508	10.6	0
406	A Competitive Assay Based on Dual-Mode Au@Pt-DNA Biosensors for On-Site Sensitive Determination of Carbendazim Fungicide in Agricultural Products.. <i>Frontiers in Nutrition</i> , 2022 , 9, 820150	6.2	2
405	Synthesis and application of molecularly imprinted polymers for preferential removal of emodin and physcion from Polygonum multiflorum stem extract. <i>Industrial Crops and Products</i> , 2022 , 178, 114659	5.9	0
404	The formation of starch-lipid complexes by microwave heating.. <i>Food Chemistry</i> , 2022 , 382, 132319	8.5	1
403	Enhanced stability of stilbene-glycoside-loaded nanoparticles coated with carboxymethyl chitosan and chitosan hydrochloride. <i>Food Chemistry</i> , 2022 , 372, 131343	8.5	1
402	Enzyme inhibition methods based on Au nanomaterials for rapid detection of organophosphorus pesticides in agricultural and environmental samples: A review.. <i>Journal of Advanced Research</i> , 2022 , 37, 61-74	13	5
401	The impact of gliadin and glutenin on the formation and structure of starch-lipid complexes. <i>Food Chemistry</i> , 2022 , 371, 131095	8.5	1
400	Effects of different moisture contents on the structure and properties of corn starch during extrusion. <i>Food Chemistry</i> , 2022 , 368, 130804	8.5	5
399	Oligosaccharides derived from ameliorate glycolipid metabolism and modulate the gut microbiota community and the faecal metabolites in a type 2 diabetes mouse model: metabolomic bioinformatic analysis.. <i>Food and Function</i> , 2022 ,	6.1	1
398	Residue, Dissipation Pattern, and Dietary Risk Assessment of Imidacloprid in Chinese Chives.. <i>Frontiers in Nutrition</i> , 2022 , 9, 846333	6.2	0
397	A competitive immunoassay for detecting triazophos based on fluorescent catalytic hairpin self-assembly.. <i>Mikrochimica Acta</i> , 2022 , 189, 114	5.8	0
396	Feasibility of Ultrasound-Assisted Extraction for Accelerated Cold Brew Coffee Processing: Characterization and Comparison With Conventional Brewing Methods.. <i>Frontiers in Nutrition</i> , 2022 , 9, 849811	6.2	2
395	β-ketoisocaproic acid promotes ER stress through impairment of autophagy, thereby provoking lipid accumulation and insulin resistance in murine preadipocytes.. <i>Biochemical and Biophysical Research Communications</i> , 2022 , 603, 109-115	3.4	1
394	Valdecoxib attenuates lipid-induced hepatic steatosis through autophagy-mediated suppression of endoplasmic reticulum stress.. <i>Biochemical Pharmacology</i> , 2022 , 115022	6	0
393	Abietic acid alleviates endoplasmic reticulum stress and lipid accumulation in human primary hepatocytes through the AMPK/ORP150 signaling.. <i>Biochemical and Biophysical Research Communications</i> , 2022 , 608, 142-148	3.4	1
392	High internal phase Pickering emulsion stabilized by sea bass protein microgel particles: Food 3D printing application. <i>Food Hydrocolloids</i> , 2022 , 107744	10.6	2

391	Effects of xanthan gum and sodium alginate on gelatinization and gels structure of debranched pea starch by pullulanase. <i>Food Hydrocolloids</i> , 2022 , 130, 107733	10.6	0
390	Effect of Different Ratios of Glycerol and Erythritol on Properties of Corn Starch-Based Films.. <i>Frontiers in Nutrition</i> , 2022 , 9, 882682	6.2	1
389	Chitosan oligosaccharide improves the mucosal immunity of small intestine through activating SigA production in mice: Proteomic analysis.. <i>International Immunopharmacology</i> , 2022 , 109, 108826	5.8	0
388	Co-delivery of hydrophobic astaxanthin and hydrophilic phycocyanin by a pH-sensitive water-in-oil-in-water double emulsion-filled gellan gum hydrogel. <i>Food Hydrocolloids</i> , 2022 , 131, 107810	10.6	6
387	Tea Tree Oil Terpinen-4-ol Protects Gut Barrier Integrity by Upregulation of Tight Junction Proteins the ERK1/2-Signaling Pathway.. <i>Frontiers in Nutrition</i> , 2021 , 8, 805612	6.2	0
386	Simultaneous Quantification of Chloramphenicol, Thiamphenicol, Florfenicol, and Florfenicol Amine in Animal and Aquaculture Products Using Liquid Chromatography-Tandem Mass Spectrometry.. <i>Frontiers in Nutrition</i> , 2021 , 8, 812803	6.2	2
385	Translocation of Phthalates From Food Packaging Materials Into Minced Beef.. <i>Frontiers in Nutrition</i> , 2021 , 8, 813553	6.2	0
384	Bioactivities, Applications, Safety, and Health Benefits of Bioactive Peptides From Food and By-Products: A Review.. <i>Frontiers in Nutrition</i> , 2021 , 8, 815640	6.2	12
383	Simultaneous determination of pinoxaden, cloquintocet-mexyl, clodinafop-propargyl ester and its major metabolite in barley products and soil using QuEChERS modified with multi-walled carbon nanotubes coupled with LC-MS/MS.. <i>Biomedical Chromatography</i> , 2021 , e5303	1.7	
382	Dimethyl itaconate attenuates palmitate-induced insulin resistance in skeletal muscle cells through the AMPK/FGF21/PPAR β mediated suppression of inflammation. <i>Life Sciences</i> , 2021 , 287, 120129	6.8	0
381	In vitro transcriptome response to propolis in differentiated SH-SY5Y neurons. <i>Journal of Food Biochemistry</i> , 2021 , 45, e13990	3.3	0
380	Recognition elements based on the molecular biological techniques for detecting pesticides in food: A review. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-24	11.5	2
379	Improved stability and aqueous solubility of β -carotene via encapsulation in self-assembled bioactive oleonic acid nanoparticles. <i>Food Chemistry</i> , 2021 , 373, 131498	8.5	2
378	Synthetic mechanism of octenyl succinic anhydride modified corn starch based on shells separation pretreatment. <i>International Journal of Biological Macromolecules</i> , 2021 , 172, 483-489	7.9	5
377	Meteorin-like protein (METRNL)/IL-41 improves LPS-induced inflammatory responses via AMPK or PPAR β mediated signaling pathways. <i>Advances in Medical Sciences</i> , 2021 , 66, 155-161	2.8	7
376	An overview on molecular imprinted polymers combined with surface-enhanced Raman spectroscopy chemical sensors toward analytical applications. <i>Talanta</i> , 2021 , 225, 122031	6.2	12
375	Onsite/on-field analysis of pesticide and veterinary drug residues by a state-of-art technology: A review. <i>Journal of Separation Science</i> , 2021 , 44, 2310-2327	3.4	6
374	Capmatinib attenuates lipogenesis in 3T3-L1 adipocytes through an adenosine monophosphate-activated protein kinase-dependent pathway. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 553, 30-36	3.4	1

373	Is Ultra-High Temperature Processed Milk Safe in Terms of Heterocyclic Aromatic Amines?. <i>Foods</i> , 2021 , 10,	4.9	3
372	A visual bio-barcode immunoassay for sensitive detection of triazophos based on biochip silver staining signal amplification. <i>Food Chemistry</i> , 2021 , 347, 129024	8.5	3
371	Simultaneous quantification of 12 veterinary drug residues in fishery products using liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2021 , 348, 129105	8.5	3
370	Valdecoxib improves lipid-induced skeletal muscle insulin resistance via simultaneous suppression of inflammation and endoplasmic reticulum stress. <i>Biochemical Pharmacology</i> , 2021 , 188, 114557	6	7
369	Effects of wheat protein on the formation and structural properties of starch-lipid complexes in real noodles incorporated with fatty acids of varying chain lengths. <i>LWT - Food Science and Technology</i> , 2021 , 144, 111271	5.4	3
368	Preparation of molecularly imprinted polymer with class-specific recognition for determination of 29 sulfonyleurea herbicides in agro-products. <i>Journal of Chromatography A</i> , 2021 , 1647, 462143	4.5	3
367	Effects of proteins on the structure, physicochemical properties, and in vitro digestibility of wheat starch-lauric acid complexes under various cooking methods. <i>International Journal of Biological Macromolecules</i> , 2021 , 182, 1112-1119	7.9	3
366	Patchouli alcohol improves wound healing in high fat diet-fed mice through AMPK-mediated suppression of inflammation and TGF β 1 signaling. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 561, 136-142	3.4	3
365	Development of an analytical method for multi-residue quantification of 18 anthelmintics in various animal-based food products using liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical Analysis</i> , 2021 , 11, 68-76	14	3
364	Generation of functional single-chain fragment variable from hybridoma and development of chemiluminescence enzyme immunoassay for determination of total malachite green in tilapia fish. <i>Food Chemistry</i> , 2021 , 337, 127780	8.5	10
363	Sensitive SERS assay for glyphosate based on the prevention of L-cysteine inhibition of a Au-Pt nanozyme. <i>Analyst, The</i> , 2021 , 146, 956-963	5	9
362	The formation and in vitro enzymatic digestibility of starch-lipid complexes in steamed bread free from and supplemented with different fatty acids: Effect on textural and retrogradation properties during storage. <i>International Journal of Biological Macromolecules</i> , 2021 , 166, 1210-1219	7.9	13
361	Endogenous metabolite, kynurenic acid, attenuates nonalcoholic fatty liver disease via AMPK/autophagy- and AMPK/ORP150-mediated signaling. <i>Journal of Cellular Physiology</i> , 2021 , 236, 4907-4912 ⁹	7	9
360	Physicochemical properties and antibacterial activity of corn starch-based films incorporated with <i>Zanthoxylum bungeanum</i> essential oil. <i>Carbohydrate Polymers</i> , 2021 , 254, 117314	10.3	23
359	Quantification of spinosyn A and spinosyn D in animal-derived products using multiwalled carbon nanotubes coupled with LC-MS/MS for analysis. <i>Biomedical Chromatography</i> , 2021 , 35, e5007	1.7	1
358	An overview on plasticized biodegradable corn starch-based films: the physicochemical properties and gelatinization process. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-11	11.5	4
357	Establishment of import tolerance for the insecticide thiacloprid in strawberry. <i>Biomedical Chromatography</i> , 2021 , 35, e5057	1.7	1
356	Triterpenoid and Saponin Rich L'Herit (Endod): A Review on Its Phytochemistry and Pharmacological Properties. <i>Mini-Reviews in Medicinal Chemistry</i> , 2021 , 21, 23-34	3.2	0

355	Preparation and evaluation of starch-based extrusion-blown nanocomposite films incorporated with nano-ZnO and nano-SiO. <i>International Journal of Biological Macromolecules</i> , 2021 , 183, 1371-1378	7.9	9
354	Effect of moist and dry-heat treatment processes on the structure, physicochemical properties, and in vitro digestibility of wheat starch-lauric acid complexes. <i>Food Chemistry</i> , 2021 , 351, 129303	8.5	5
353	Differential effects of inhibitors of PTZ-induced kindling on glutamate transporters and enzyme expression. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021 , 48, 1662-1673	3	0
352	Capmatinib improves insulin sensitivity and inflammation in palmitate-treated C2C12 myocytes through the PPAR α /p38-dependent pathway. <i>Molecular and Cellular Endocrinology</i> , 2021 , 534, 111364	4.4	0
351	The impact of chitooligosaccharides and their derivatives on the in vitro and in vivo antitumor activity: A comprehensive review. <i>Carbohydrate Polymers</i> , 2021 , 266, 118132	10.3	17
350	Development and characterization of starch films prepared by extrusion blowing: The synergistic plasticizing effect of water and glycerol. <i>LWT - Food Science and Technology</i> , 2021 , 148, 111820	5.4	12
349	Preparation and characterization of octenyl succinylated starch microgels via a water-in-oil (W/O) inverse microemulsion process for loading and releasing epigallocatechin gallate. <i>Food Chemistry</i> , 2021 , 355, 129661	8.5	1
348	A Review on Extraction, Characterization, and Applications of Bioactive Peptides From Pressed Black Cumin Seed Cake. <i>Frontiers in Nutrition</i> , 2021 , 8, 743909	6.2	4
347	Antibacterial activity, optical, and functional properties of corn starch-based films impregnated with bamboo leaf volatile oil. <i>Food Chemistry</i> , 2021 , 357, 129743	8.5	5
346	Structural changes in corn starch granules treated at different temperatures. <i>Food Hydrocolloids</i> , 2021 , 118, 106760	10.6	10
345	Enhanced Bio-Barcode Immunoassay Using Droplet Digital PCR for Multiplex Detection of Organophosphate Pesticides. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 11131-11141	5.7	1
344	Patchouli alcohol ameliorates skeletal muscle insulin resistance and NAFLD via AMPK/SIRT1-mediated suppression of inflammation. <i>Molecular and Cellular Endocrinology</i> , 2021 , 538, 111464	4.4	3
343	Coral-Derived Endophytic Fungal Product, Butyrolactone-I, Alleviates Lps Induced Intestinal Epithelial Cell Inflammatory Response Through TLR4/NF- κ B and MAPK Signaling Pathways: An and Studies. <i>Frontiers in Nutrition</i> , 2021 , 8, 748118	6.2	4
342	ERK1/2 mitogen-activated protein kinase mediates downregulation of intestinal tight junction proteins in heat stress-induced IBD model in pig. <i>Journal of Thermal Biology</i> , 2021 , 101, 103103	2.9	2
341	A sensitive bio-barcode immunoassay based on bimetallic Au@Pt nanozyme for detection of organophosphate pesticides in various agro-products. <i>Food Chemistry</i> , 2021 , 362, 130118	8.5	7
340	3-hydroxymorphinan enhances mitochondrial biogenesis and adipocyte browning through AMPK-dependent pathway. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 577, 17-23	3.4	1
339	Synthesis, physicochemical and emulsifying properties of C-3 octenyl succinic anhydride-modified corn starch. <i>Food Hydrocolloids</i> , 2021 , 120, 106961	10.6	0
338	Dual-mode detection of organophosphate pesticides in pear and Chinese cabbage based on fluorescence and AuNPs colorimetric assays. <i>Food Chemistry</i> , 2021 , 364, 130326	8.5	5

337	Novel FeO@metal-organic framework@polymer core-shell-shell nanospheres for fast extraction and specific preconcentration of nine organophosphorus pesticides from complex matrices. <i>Food Chemistry</i> , 2021 , 365, 130485	8.5	10
336	Purification and Characterization of Plantaricin YKX and Assessment of Its Inhibitory Activity Against spp.. <i>Frontiers in Microbiology</i> , 2021 , 12, 783266	5.7	2
335	An overview on antioxidant peptides from rice bran proteins: extraction, identification, and applications. <i>Critical Reviews in Food Science and Nutrition</i> , 2020 , 1-13	11.5	15
334	Ginsenoside Rb2 Ameliorates LPS-Induced Inflammation and ER Stress in HUVECs and THP-1 Cells via the AMPK-Mediated Pathway. <i>The American Journal of Chinese Medicine</i> , 2020 , 48, 967-985	6	14
333	An Overview on the Mechanisms and Applications of Enzyme Inhibition-Based Methods for Determination of Organophosphate and Carbamate Pesticides. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 7298-7315	5.7	41
332	Development of fluorescent lateral flow test strips based on an electrospun molecularly imprinted membrane for detection of triazophos residues in tap water. <i>New Journal of Chemistry</i> , 2020 , 44, 6026-6036	3.6	17
331	Preparation of three-dimensional graphene free-standing electrochemical sensor and its potential application in glucose determination. <i>Journal of the Iranian Chemical Society</i> , 2020 , 17, 2845-2853	2	3
330	A sensitive fluorometric bio-barcode immunoassay for detection of triazophos residue in agricultural products and water samples by iterative cycles of DNA-RNA hybridization and dissociation of fluorophores by Ribonuclease H. <i>Science of the Total Environment</i> , 2020 , 717, 137268	10.2	8
329	Upgrading analytical methodology through comparative study for screening of 267 pesticides/metabolites in five representative matrices using UPLC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020 , 1141, 122021	3.2	2
328	Magnetic molecularly imprinted specific solid-phase extraction for determination of dihydroquercetin from <i>Larix griffithiana</i> using HPLC. <i>Journal of Separation Science</i> , 2020 , 43, 2301-2310	3.4	2
327	Simultaneous determination of the metabolites of the herbicide metazachlor in agricultural crops by LCMS/MS. <i>Applied Biological Chemistry</i> , 2020 , 63,	2.9	2
326	Alternative Green Antimicrobial Agents Obtained by Selective Sorption from <i>Lactobacillus plantarum</i> Culture. <i>Environmental and Climate Technologies</i> , 2020 , 24, 740-754	1.5	
325	Serum metabolite profiling of ST-segment elevation myocardial infarction using liquid chromatography quadrupole time-of-flight mass spectrometry. <i>Biomedical Chromatography</i> , 2020 , 34, e4738	1.7	5
324	Isolation, purification, and structural identification of a new bacteriocin made by <i>Lactobacillus plantarum</i> found in conventional kombucha. <i>Food Control</i> , 2020 , 110, 106923	6.2	30
323	Development of Water-Compatible Molecularly Imprinted Polymers Based on Functionalized Cyclodextrin for Controlled Release of Atropine. <i>Polymers</i> , 2020 , 12,	4.5	10
322	Dissipation pattern and residual levels of boscalid in cucumber and soil using liquid chromatography-tandem mass spectrometry. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2020 , 55, 388-395	2.2	4
321	Oligochitosan-modified three-dimensional graphene free-standing electrode for electrochemical detection of imidacloprid insecticide. <i>Journal of the Chinese Chemical Society</i> , 2020 , 67, 1078-1088	1.5	1
320	Competitive Bio-Barcode Immunoassay for Highly Sensitive Detection of Parathion Based on Bimetallic Nanozyme Catalysis. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 660-668	5.7	24

319	Preparation of core-shell magnetic molecularly imprinted polymers for extraction of patulin from juice samples. <i>Journal of Chromatography A</i> , 2020 , 1615, 460751	4.5	11
318	Administration of kynurenic acid reduces hyperlipidemia-induced inflammation and insulin resistance in skeletal muscle and adipocytes. <i>Molecular and Cellular Endocrinology</i> , 2020 , 518, 110928	4.4	14
317	The Suppressive Effect of Leucine-Rich Glioma Inactivated 3 (LGI3) Peptide on Impaired Skin Barrier Function in a Murine Model Atopic Dermatitis. <i>Pharmaceutics</i> , 2020 , 12,	6.4	1
316	Clinically confirmed DEL-1 as a myokine attenuates lipid-induced inflammation and insulin resistance in 3T3-L1 adipocytes via AMPK/HO-1- pathway. <i>Adipocyte</i> , 2020 , 9, 576-586	3.2	6
315	COVID-19 Disease and Vitamin D: A Mini-Review. <i>Frontiers in Pharmacology</i> , 2020 , 11, 604579	5.6	8
314	A "half" core-shell magnetic nanohybrid composed of zeolitic imidazolate framework and graphitic carbon nitride for magnetic solid-phase extraction of sulfonylurea herbicides from water samples followed by LC-MS/MS detection. <i>Mikrochimica Acta</i> , 2020 , 187, 279	5.8	10
313	Fluorescence immunoassay for multiplex detection of organophosphate pesticides in agro-products based on signal amplification of gold nanoparticles and oligonucleotides. <i>Food Chemistry</i> , 2020 , 326, 126813	8.5	31
312	Chitosan Oligosaccharides Induce Apoptosis in Human Renal Carcinoma via Reactive-Oxygen-Species-Dependent Endoplasmic Reticulum Stress. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 1691-1701	5.7	18
311	A dummy molecularly imprinted solid-phase extraction coupled with liquid chromatography-tandem mass spectrometry for selective determination of four pyridine carboxylic acid herbicides in milk. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019 , 1108, 65-72	3.2	23
310	Development and validation of a solid-phase extraction method coupled with LC-MS/MS for the simultaneous determination of 16 antibiotic residues in duck meat. <i>Biomedical Chromatography</i> , 2019 , 33, e4501	1.7	4
309	Simultaneous determination of spinosad, temephos, and piperonyl butoxide in animal-derived foods using LC-MS/MS. <i>Biomedical Chromatography</i> , 2019 , 33, e4493	1.7	6
308	Contents of chlorogenic acids and caffeine in various coffee-related products. <i>Journal of Advanced Research</i> , 2019 , 17, 85-94	13	28
307	Rapid colorimetric determination of the pesticides carbofuran and dichlorvos by exploiting their inhibitory effect on the aggregation of peroxidase-mimicking platinum nanoparticles. <i>Mikrochimica Acta</i> , 2019 , 186, 390	5.8	16
306	Colorimetric bio-barcode immunoassay for parathion based on amplification by using platinum nanoparticles acting as a nanozyme. <i>Mikrochimica Acta</i> , 2019 , 186, 339	5.8	19
305	Simple and sensitive detection of triazophos pesticide by using quantum dots nanobeads based on immunoassay. <i>Food and Agricultural Immunology</i> , 2019 , 30, 522-532	2.9	17
304	Bio-barcode detection technology and its research applications: A review. <i>Journal of Advanced Research</i> , 2019 , 20, 23-32	13	18
303	Preparation of molecularly imprinted polymers coupled with high-performance liquid chromatography for the selective extraction of salidroside from <i>Rhodiola crenulata</i> . <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019 , 1118-1119, 180-186	3.2	12
302	Magnetic molecularly imprinted polymers doped with graphene oxide for the selective recognition and extraction of four flavonoids from <i>Rhododendron</i> species. <i>Journal of Chromatography A</i> , 2019 , 1598, 39-48	4.5	25

301	A Novel CdSe/ZnS Quantum Dots Fluorescence Assay Based on Molecularly Imprinted Sensitive Membranes for Determination of Triazophos Residues in Cabbage and Apple. <i>Frontiers in Chemistry</i> , 2019 , 7, 130	5	11
300	Phosphatidylcholine causes adipocyte-specific lipolysis and apoptosis in adipose and muscle tissues. <i>PLoS ONE</i> , 2019 , 14, e0214760	3.7	5
299	A molecularly imprinted polymer with integrated gold nanoparticles for surface enhanced Raman scattering based detection of the triazine herbicides, prometryn and simetryn. <i>Mikrochimica Acta</i> , 2019 , 186, 143	5.8	24
298	Sensitive and Simple Competitive Biomimetic Nanozyme-Linked Immunosorbent Assay For Colorimetric and Surface-Enhanced Raman Scattering Sensing of Triazophos. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 9658-9666	5.7	26
297	The determination of patulin from food samples using dual-dummy molecularly imprinted solid-phase extraction coupled with LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019 , 1125, 121714	3.2	21
296	Protectin DX ameliorates palmitate-induced hepatic insulin resistance through AMPK/SIRT1-mediated modulation of fetuin-A and SeP expression. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2019 , 46, 898-909	3	10
295	A disposable electrochemical sensor based on electrospinning of molecularly imprinted nanohybrid films for highly sensitive determination of the organotin acaricide cyhexatin. <i>Mikrochimica Acta</i> , 2019 , 186, 504	5.8	4
294	Assessment of magnetic core-shell mesoporous molecularly imprinted polymers for selective recognition of triazoles residual levels in cucumber. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019 , 1132, 121811	3.2	8
293	Enhancing the Sensitivity of the Bio-barcode Immunoassay for Triazophos Detection Based on Nanoparticles and Droplet Digital Polymerase Chain Reaction. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 12936-12944	5.7	9
292	Humulus japonicus stimulates thermogenesis and ameliorates oxidative stress in mouse adipocytes. <i>Journal of Molecular Endocrinology</i> , 2019 , 63, 1-9	4.5	5
291	Excretion of Toxoplasma gondii oocysts from Feral Cats in Korea. <i>Korean Journal of Parasitology</i> , 2019 , 57, 665-670	1.7	6
290	Residue analysis of tebufenozide and indoxacarb in chicken muscle, milk, egg and aquatic animal products using liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2019 , 33, e4522	1.7	2
289	A Magnetic Zeolitic Imidazolate Framework Nanohybrid for Fast and Efficient Extraction of Clothianidin, Imidacloprid, Acetamiprid, and Thiacloprid in Water. <i>Journal of Nanoscience and Nanotechnology</i> , 2019 , 19, 3310-3318	1.3	6
288	Magnetic molecularly imprinted polymers for the detection of aminopyralid in milk using dispersive solid-phase extraction.. <i>RSC Advances</i> , 2019 , 9, 29998-30006	3.7	13
287	"Off-On" non-enzymatic sensor for malathion detection based on fluorescence resonance energy transfer between β -cyclodextrin@Ag and fluorescent probe. <i>Talanta</i> , 2019 , 192, 295-300	6.2	20
286	Identification of Six Phytochemical Compounds from L. Root Cultivars from New Zealand and China Using UAE-SPE-UPLC-MS/MS: Effects of Extracts on H ₂ O ₂ Induced Oxidative Stress. <i>Nutrients</i> , 2019 , 11,	6.7	11
285	Quantitative determination of carbasalate calcium derived metabolites, acetylsalicylic acid and salicylic acid, in six animal foods using liquid-liquid extraction method coupled with liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2019 , 278, 744-750	8.5	9
284	Residual detection of naproxen, methyltestosterone and 17 β -hydroxyprogesterone caproate in aquatic products by simple liquid-liquid extraction method coupled with liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2019 , 33, e4396	1.7	3

283	A modified QuEChERS method coupled with liquid chromatography-tandem mass spectrometry for the simultaneous detection and quantification of scopolamine, L-hyoscyamine, and sparteine residues in animal-derived food products. <i>Journal of Advanced Research</i> , 2019 , 15, 95-102	13	12
282	Method development, matrix effect, and risk assessment of 49 multiclass pesticides in kiwifruit using liquid chromatography coupled to tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018 , 1076, 130-138	3.2	22
281	Determination of metoserpate, buquinolate, and diclofenac in pork, eggs, and milk using liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2018 , 32, e4215	1.7	5
280	Protectin DX Ameliorates Hepatic Steatosis by Suppression of Endoplasmic Reticulum Stress via AMPK-Induced ORP150 Expression. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018 , 365, 485-493	4.7	23
279	Growth-inhibition of S180 residual-tumor by combination of cyclophosphamide and chitosan oligosaccharides in vivo. <i>Life Sciences</i> , 2018 , 202, 21-27	6.8	9
278	LECT2 promotes inflammation and insulin resistance in adipocytes via P38 pathways. <i>Journal of Molecular Endocrinology</i> , 2018 , 61, 37-45	4.5	18
277	LC-MS/MS profiling of polyphenol-enriched leaf, stem and root extracts of Korean <i>Humulus japonicus</i> Siebold & Zucc and determination of their antioxidant effects. <i>Biomedical Chromatography</i> , 2018 , 32, e4171	1.7	5
276	Simultaneous determination of clanobutin, dichlorvos, and naftazone in pork, beef, chicken, milk, and egg using liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2018 , 252, 40-48	8.5	6
275	Maresin 1 attenuates NAFLD by suppression of endoplasmic reticulum stress via AMPK-SERCA2b pathway. <i>Journal of Biological Chemistry</i> , 2018 , 293, 3981-3988	5.4	39
274	Protective Effect of Chitosan Oligosaccharides Against Cyclophosphamide-Induced Immunosuppression and Irradiation Injury in Mice. <i>Journal of Food Science</i> , 2018 , 83, 535-542	3.4	13
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272	Residual dynamic and risk assessment of dimethomorph in Swiss chard grown at two different sites. <i>Biomedical Chromatography</i> , 2018 , 32, e4053	1.7	7
271	A simple and sensitive competitive bio-barcode immunoassay for triazophos based on multi-modified gold nanoparticles and fluorescent signal amplification. <i>Analytica Chimica Acta</i> , 2018 , 999, 123-131	6.6	33
270	Chromatographic determination, decline dynamic and risk assessment of sulfoxaflor in Asian pear and oriental melon. <i>Biomedical Chromatography</i> , 2018 , 32, e4101	1.7	4
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267	Quantification of artesunate and its metabolite, dihydroartemisinin, in animal products using liquid chromatography-tandem mass spectrometry. <i>Journal of Separation Science</i> , 2018 , 41, 3538-3546	3.4	5
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256	Development and validation of modified QuEChERS method coupled with LC-MS/MS for simultaneous determination of cymiazole, fipronil, coumaphos, fluvalinate, amitraz, and its metabolite in various types of honey and royal jelly. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018 , 1072, 60-69	3.2	30
255	Analytical approach, dissipation pattern and risk assessment of pesticide residue in green leafy vegetables: A comprehensive review. <i>Biomedical Chromatography</i> , 2018 , 32, e4134	1.7	13
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251	Determination of endrin and β keto endrin in five food products of animal origin using GC-ECD: A modified QuEChERS approach to traditional detection. <i>Food Chemistry</i> , 2018 , 263, 59-66	8.5	9
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181	Overview of Detectors in Gas Chromatography 2015 , 835-848		1
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169	Determination of anxiolytic veterinary drugs from biological fertilizer blood meal using liquid chromatography high-resolution mass spectrometry. <i>Biomedical Chromatography</i> , 2014 , 28, 751-9	1.7	3
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141	Determination of chlorfenapyr in leek grown under greenhouse conditions with GC-ECD and confirmation by mass spectrometry. <i>Biomedical Chromatography</i> , 2012 , 26, 172-7	1.7	14
140	Separation of multi-class pesticide residues from fatty food matrices prior to analysis using gas chromatography 2012 , 55, 541-549		

139	Residual pattern of acequinocyl and hydroxyacequinocyl in perilla leaf grown under greenhouse conditions using ultra performance liquid chromatography-photo diode array detector with tandem mass confirmation 2012 , 55, 657-662		8
138	Determination of dinotefuran in pepper using liquid chromatography: Contribution to safety evaluation 2012 , 55, 765-768		11
137	Determination of sedatives and adrenergic blockers in blood meal using accelerated solvent extraction and Orbitrap mass spectrometry. <i>Journal of Chromatography A</i> , 2012 , 1260, 111-9	4.5	26
136	Synergistic effect of washing and cooking on the removal of multi-classes of pesticides from various food samples. <i>Food Control</i> , 2012 , 28, 99-105	6.2	39
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