

A M Abd El-Aty

List of Publications by Year in descending order

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420
papers

9,150
citations

57631

44
h-index

118652

62
g-index

438
all docs

438
docs citations

438
times ranked

8999
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of dietary supplementation of inulin and vitamin C on the growth, hematology, innate immunity, and resistance of Nile tilapia (<i>Oreochromis niloticus</i>). <i>Fish and Shellfish Immunology</i> , 2010, 29, 241-246.	1.6	158
2	Effect of food waste compost on microbial population, soil enzyme activity and lettuce growth. <i>Bioresource Technology</i> , 2004, 93, 21-28.	4.8	141
3	St John's wort induces both cytochrome P450 3A4-catalyzed sulfoxidation and CYP2C19-dependent hydroxylation of omeprazole. <i>Clinical Pharmacology and Therapeutics</i> , 2004, 75, 191-197.	2.3	123
4	Characterization of a stem cell population in lung cancer A549 cells. <i>Biochemical and Biophysical Research Communications</i> , 2008, 371, 163-167.	1.0	115
5	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.	2.4	102
6	Residues and contaminants in tea and tea infusions: a review. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2014, 31, 1794-1804.	1.1	99
7	High internal phase Pickering emulsion stabilized by sea bass protein microgel particles: Food 3D printing application. <i>Food Hydrocolloids</i> , 2022, 131, 107744.	5.6	99
8	METRN1 attenuates lipid-induced inflammation and insulin resistance via AMPK or PPAR γ -dependent pathways in skeletal muscle of mice. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-11.	3.2	97
9	Bioactivities, Applications, Safety, and Health Benefits of Bioactive Peptides From Food and By-Products: A Review. <i>Frontiers in Nutrition</i> , 2021, 8, 815640.	1.6	90
10	Determination of polyphenols in three <i>Capsicum annuum</i> L. (bell pepper) varieties using high-performance liquid chromatography-tandem mass spectrometry: Their contribution to overall antioxidant and anticancer activity. <i>Journal of Separation Science</i> , 2011, 34, 2967-2974.	1.3	83
11	Development of a new QuEChERS method based on dry ice for the determination of 168 pesticides in paprika using tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 4366-4377.	1.8	83
12	Inverse correlation between jasmonic acid and salicylic acid during early wound response in rice. <i>Biochemical and Biophysical Research Communications</i> , 2004, 318, 734-738.	1.0	82
13	Gene expression profiling of cancer stem cell in human lung adenocarcinoma A549 cells. <i>Molecular Cancer</i> , 2007, 6, 75.	7.9	81
14	Matrix enhancement effect: A blessing or a curse for gas chromatography?—A review. <i>Analytica Chimica Acta</i> , 2013, 801, 14-21.	2.6	78
15	An overview on common aspects influencing the dissipation pattern of pesticides: a review. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 693.	1.3	77
16	Uptake of the veterinary antibiotics chlortetracycline, enrofloxacin, and sulphathiazole from soil by radish. <i>Science of the Total Environment</i> , 2017, 605-606, 322-331.	3.9	77
17	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.	5.1	73
18	Determination of volatile flavor components in danggui cultivars by solvent free injection and hydrodistillation followed by gas chromatographic-mass spectrometric analysis. <i>Journal of Chromatography A</i> , 2006, 1116, 259-264.	1.8	72

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19	The Influence of St. John's Wort on CYP2C19 Activity with Respect to Genotype. <i>Journal of Clinical Pharmacology</i> , 2004, 44, 577-581.	1.0	70
20	Comparative gene expression profiles of intestinal transporters in mice, rats and humans. <i>Pharmacological Research</i> , 2007, 56, 224-236.	3.1	69
21	Maresin 1 attenuates NAFLD by suppression of endoplasmic reticulum stress via AMPK/SERCA2b pathway. <i>Journal of Biological Chemistry</i> , 2018, 293, 3981-3988.	1.6	68
22	Simultaneous multiresidue analysis of 41 pesticide residues in cooked foodstuff using QuEChERS: Comparison with classical method. <i>Food Chemistry</i> , 2011, 128, 241-253.	4.2	67
23	Physicochemical characteristics, textural properties and volatile compounds in comminuted sausages as affected by various fat levels and fat replacers. <i>International Journal of Food Science and Technology</i> , 2007, 42, 1114-1122.	1.3	66
24	Determination of chlorogenic acids and caffeine in homemade brewed coffee prepared under various conditions. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1064, 115-123.	1.2	66
25	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.	2.8	66
26	Dual positional specificity and expression of non-traditional lipoxygenase induced by wounding and methyl jasmonate in maize seedlings. <i>Plant Molecular Biology</i> , 2003, 52, 1203-1213.	2.0	65
27	Development of a simple extraction and oxidation procedure for the residue analysis of imidacloprid and its metabolites in lettuce using gas chromatography. <i>Food Chemistry</i> , 2014, 148, 402-409.	4.2	65
28	Consequences of the matrix effect on recovery of dinotefuran and its metabolites in green tea during tandem mass spectrometry analysis. <i>Food Chemistry</i> , 2015, 168, 445-453.	4.2	62
29	Dissipation Behavior of Lufenuron, Benzoylphenylurea Insecticide, in/on Chinese Cabbage Applied by Foliar Spraying Under Greenhouse Conditions. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2008, 81, 369-372.	1.3	57
30	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.	2.8	57
31	Sphingomonas sp. Strain SB5 Degrades Carbofuran to a New Metabolite by Hydrolysis at the Furanyl Ring. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 2309-2314.	2.4	56
32	Optimized conditions for the extraction of secondary volatile metabolites in Angelica roots by accelerated solvent extraction. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 44, 1154-1158.	1.4	55
33	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.	4.2	55
34	Effects of different moisture contents on the structure and properties of corn starch during extrusion. <i>Food Chemistry</i> , 2022, 368, 130804.	4.2	55
35	Dynamic behaviour and residual pattern of thiamethoxam and its metabolite clothianidin in Swiss chard using liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2015, 174, 248-255.	4.2	54
36	Simple multiresidue extraction method for the determination of fungicides and plant growth regulator in bean sprouts using low temperature partitioning and tandem mass spectrometry. <i>Food Chemistry</i> , 2013, 136, 1414-1420.	4.2	52

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37	Effectiveness of pressurized liquid extraction and solvent extraction for the simultaneous quantification of 14 pesticide residues in green tea using GC. <i>Journal of Separation Science</i> , 2008, 31, 1750-1760.	1.3	51
38	Simultaneous determination of pyrethroids from pesticide residues in porcine muscle and pasteurized milk using GC. <i>Journal of Separation Science</i> , 2009, 32, 244-251.	1.3	50
39	Simultaneous multi-determination and transfer of eight pesticide residues from green tea leaves to infusion using gas chromatography. <i>Food Chemistry</i> , 2014, 165, 532-539.	4.2	50
40	Quick, easy, cheap, effective, rugged, and safe sample preparation approach for pesticide residue analysis using traditional detectors in chromatography: A review. <i>Journal of Separation Science</i> , 2017, 40, 203-212.	1.3	50
41	Contents of chlorogenic acids and caffeine in various coffee-related products. <i>Journal of Advanced Research</i> , 2019, 17, 85-94.	4.4	49
42	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.	2.4	48
43	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.	1.2	47
44	Development and validation of a multiresidue method for determination of 82 pesticides in water using GC. <i>Journal of Separation Science</i> , 2009, 32, 559-574.	1.3	46
45	Residual determination of clothianidin and its metabolites in three minor crops via tandem mass spectrometry. <i>Food Chemistry</i> , 2012, 131, 1546-1551.	4.2	45
46	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.	2.4	45
47	The impact of chitoooligosaccharides and their derivatives on the in vitro and in vivo antitumor activity: A comprehensive review. <i>Carbohydrate Polymers</i> , 2021, 266, 118132.	5.1	45
48	Identification of volatile components in <i>Angelica</i> species using supercritical-CO ₂ fluid extraction and solid phase microextraction coupled to gas chromatography-mass spectrometry. <i>Biomedical Chromatography</i> , 2006, 20, 1267-1273.	0.8	44
49	Characterization and Kinetics of 45 kDa Chitosanase from <i>Bacillus</i> sp. P16. <i>Bioscience, Biotechnology and Biochemistry</i> , 2003, 67, 1875-1882.	0.6	43
50	Pharmacokinetics and Bioavailability of Florfenicol Following Intravenous, Intramuscular and Oral Administrations in Rabbits. <i>Veterinary Research Communications</i> , 2004, 28, 515-524.	0.6	43
51	Environmental fate of the triazole fungicide propiconazole in a rice-paddy-soil lysimeter. <i>Plant and Soil</i> , 2002, 239, 321-331.	1.8	42
52	Metabolite analysis in <i>Curcuma domestica</i> using various GC-MS and LC-MS separation and detection techniques. <i>Biomedical Chromatography</i> , 2009, 23, 951-965.	0.8	42
53	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.	2.6	42
54	Effect of metformin/irinotecan-loaded poly-lactic-co-glycolic acid nanoparticles on glioblastoma: in vitro and in vivo studies. <i>Nanomedicine</i> , 2018, 13, 1595-1606.	1.7	41

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55	An overview on molecular imprinted polymers combined with surface-enhanced Raman spectroscopy chemical sensors toward analytical applications. <i>Talanta</i> , 2021, 225, 122031.	2.9	41
56	Detection of three herbicide, and one metabolite, residues in brown rice and rice straw using various versions of the QuEChERS method and liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2016, 210, 442-450.	4.2	40
57	Hyperlipidemia-induced hepatic insulin resistance in the liver contributes to insulin resistance in skeletal muscle. <i>Molecular and Cellular Endocrinology</i> , 2018, 470, 26-33.	1.6	40
58	A Survey of Ectoparasite Infestations in Stray Dogs of Gwang-ju City, Republic of Korea. <i>Korean Journal of Parasitology</i> , 2008, 46, 23.	0.5	39
59	A modified QuEChERS method for simultaneous determination of flonicamid and its metabolites in paprika using tandem mass spectrometry. <i>Food Chemistry</i> , 2014, 157, 413-420.	4.2	39
60	The polyphenolic profiles and antioxidant effects of <i>Agastache rugosa</i> Kuntze (Banga) flower, leaf, stem and root. <i>Biomedical Chromatography</i> , 2016, 30, 225-231.	0.8	39
61	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.	1.8	39
62	Laboratory studies on formation of bound residues and degradation of propiconazole in soils. <i>Pest Management Science</i> , 2003, 59, 324-330.	1.7	38
63	An overview on antioxidant peptides from rice bran proteins: extraction, identification, and applications. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 1350-1362.	5.4	38
64	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.	5.6	38
65	Development of a single-run analytical method for the detection of ten multiclass emerging contaminants in agricultural soil using an acetate-buffered QuEChERS method coupled with LC-MS/MS. <i>Journal of Separation Science</i> , 2017, 40, 415-423.	1.3	37
66	LECT2 promotes inflammation and insulin resistance in adipocytes via P38 pathways. <i>Journal of Molecular Endocrinology</i> , 2018, 61, 37-45.	1.1	37
67	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.	3.6	36
68	Impact of high moisture contents on the structure and functional properties of pea protein isolate during extrusion. <i>Food Hydrocolloids</i> , 2022, 127, 107508.	5.6	36
69	Feasibility and application of an HPLC/UV-D to determine dinotefuran and its shorter wavelength metabolites residues in melon with tandem mass confirmation. <i>Food Chemistry</i> , 2013, 136, 1038-1046.	4.2	35
70	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.	2.4	35
71	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.	2.5	35
72	Multiresidue analysis of 47 pesticides in cooked wheat flour and polished rice by liquid chromatography with tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2009, 23, 434-442.	0.8	34

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73	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.	1.3	34
74	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.	2.9	34
75	Structural changes in corn starch granules treated at different temperatures. <i>Food Hydrocolloids</i> , 2021, 118, 106760.	5.6	34
76	Simultaneous Measurement of Fluoroquinolones in Eggs by a Combination of Supercritical Fluid Extraction and High Pressure Liquid Chromatography. <i>Bioscience, Biotechnology and Biochemistry</i> , 2003, 67, 1342-1348.	0.6	33
77	Monitoring of fluoroquinolone residual levels in chicken eggs by microbiological assay and confirmation by liquid chromatography. <i>Biomedical Chromatography</i> , 2008, 22, 92-99.	0.8	33
78	Physicochemical Properties, and Antioxidant and Antimicrobial Effects of Garlic and Onion Powder in Fresh Pork Belly and Loin during Refrigerated Storage. <i>Journal of Food Science</i> , 2008, 73, C577-84.	1.5	33
79	Analysis and tentative structure elucidation of new anthocyanins in fruit peel of <i>Vitis coignetiae</i> Pulliat (meoru) using LC-MS/MS: Contribution to the overall antioxidant activity. <i>Journal of Separation Science</i> , 2010, 33, 1192-1197.	1.3	33
80	Simultaneous determination of three acidic herbicide residues in food crops using HPLC and confirmation via LC-MS/MS. <i>Biomedical Chromatography</i> , 2011, 25, 124-135.	0.8	33
81	Analytical approach, dissipation pattern and risk assessment of pesticide residue in green leafy vegetables: A comprehensive review. <i>Biomedical Chromatography</i> , 2018, 32, e4134.	0.8	33
82	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.	4.2	33
83	Inhibitory effect of several fluoroquinolones on hepatic microsomal cytochrome P-450 1A activities in dogs. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2005, 28, 553-557.	0.6	32
84	A multiresidue method for the analysis of pesticide residues in polished rice (<i>Oryza sativa</i> L.) using accelerated solvent extraction and gas chromatography and confirmation by mass spectrometry. <i>Biomedical Chromatography</i> , 2007, 21, 602-609.	0.8	32
85	An effective methodology for simultaneous quantification of thiophanate-methyl, and its metabolite carbendazim in pear, using LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1095, 1-7.	1.2	32
86	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.	1.2	32
87	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.	1.4	32
88	Preparation and evaluation of starch-based extrusion-blown nanocomposite films incorporated with nano-ZnO and nano-SiO ₂ . <i>International Journal of Biological Macromolecules</i> , 2021, 183, 1371-1378.	3.6	32
89	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.	4.4	32
90	Determination of the Fluoroquinolone Enrofloxacin in Edible Chicken Muscle by Supercritical Fluid Extraction and Liquid Chromatography with Fluorescence Detection. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 7528-7532.	2.4	31

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91	Pharmacokinetic properties and antitumor efficacy of the 5-fluorouracil loaded PEG-hydrogel. BMC Cancer, 2010, 10, 211.	1.1	31
92	Flavonoid profiling in three citrus varieties native to the Republic of Korea using liquid chromatography coupled with tandem mass spectrometry: contribution to overall antioxidant activity. Biomedical Chromatography, 2012, 26, 464-470.	0.8	31
93	A matrix sensitive gas chromatography method for the analysis of pymetrozine in red pepper: Application to dissipation pattern and PHRL. Food Chemistry, 2014, 146, 448-454.	4.2	31
94	Bio-barcode detection technology and its research applications: A review. Journal of Advanced Research, 2019, 20, 23-32.	4.4	31
95	Endogenous metabolite, kynurenic acid, attenuates nonalcoholic fatty liver disease via AMPK/autophagy and AMPK/ORP150 mediated signaling. Journal of Cellular Physiology, 2021, 236, 4902-4912.	2.0	31
96	Determination of acetamiprid residues in zucchini grown under greenhouse conditions: application to behavioral dynamics. Biomedical Chromatography, 2011, 25, 136-146.	0.8	30
97	Liquid chromatography-tandem mass spectrometry quantification of acetamiprid and thiacloprid residues in butterbur grown under regulated conditions. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1055-1056, 172-177.	1.2	30
98	Flavone polyphenols dominate in Thymus schimperi Ronniger : LC-ESI-MS/MS characterization and study of anti-proliferative effects of plant extract on AGS and HepG2 cancer cells. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1053, 1-8.	1.2	30
99	Colorimetric bio-barcode immunoassay for parathion based on amplification by using platinum nanoparticles acting as a nanozyme. Mikrochimica Acta, 2019, 186, 339.	2.5	30
100	The formation of starch-lipid complexes by microwave heating. Food Chemistry, 2022, 382, 132319.	4.2	30
101	The effect of household processing on the decline pattern of dimethomorph in pepper fruits and leaves. Food Control, 2015, 50, 118-124.	2.8	29
102	Polyphenolic profile and antioxidant effects of various parts of <i>Artemisia annua</i> L.. Biomedical Chromatography, 2016, 30, 588-595.	0.8	29
103	Development and characterization of starch films prepared by extrusion blowing: The synergistic plasticizing effect of water and glycerol. LWT - Food Science and Technology, 2021, 148, 111820.	2.5	29
104	Novel Fe ₃ O ₄ @metal-organic framework@polymer core-shell-shell nanospheres for fast extraction and specific preconcentration of nine organophosphorus pesticides from complex matrices. Food Chemistry, 2021, 365, 130485.	4.2	29
105	Disposition Kinetics of Difloxacin in Rabbit after Intravenous and Intramuscular Injection of Dicural. Veterinary Research Communications, 2005, 29, 297-304.	0.6	28
106	Analysis of volatile compounds in fresh healthy and diseased peppers (<i>Capsicum annum</i> L.) using solvent free solid injection coupled with gas chromatography-flame ionization detector and confirmation with mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2007, 45, 487-494.	1.4	28
107	Determination of sedatives and adrenergic blockers in blood meal using accelerated solvent extraction and Orbitrap mass spectrometry. Journal of Chromatography A, 2012, 1260, 111-119.	1.8	28
108	Simultaneous determination of arbutin and its decomposed product hydroquinone in whitening creams using high-performance liquid chromatography with photodiode array detection: Effect of temperature and pH on decomposition. International Journal of Cosmetic Science, 2015, 37, 567-573.	1.2	28

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109	Protectin DX ameliorates palmitate- or high-fat diet-induced insulin resistance and inflammation through an AMPK-PPAR α -dependent pathway in mice. <i>Scientific Reports</i> , 2017, 7, 1397.	1.6	28
110	Fast determination of alkylphenol ethoxylates in leafy vegetables using a modified quick, easy, cheap, effective, rugged, and safe method and ultra-high performance supercritical fluid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2017, 1525, 161-172.	1.8	28
111	Fabrication of a highly sensitive electrochemical sensor based on electropolymerized molecularly imprinted polymer hybrid nanocomposites for the determination of 4-nonylphenol in packaged milk samples. <i>Analytical Biochemistry</i> , 2018, 559, 44-50.	1.1	28
112	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.	1.2	28
113	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.	1.5	28
114	Antibacterial activity, optical, and functional properties of corn starch-based films impregnated with bamboo leaf volatile oil. <i>Food Chemistry</i> , 2021, 357, 129743.	4.2	28
115	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.	4.2	28
116	Disposition Kinetics of Florfenicol in Goats by Using Two Analytical Methods. <i>Transboundary and Emerging Diseases</i> , 2001, 48, 129-136.	0.6	27
117	Comparison of different extraction methods for the simultaneous determination of pesticide residues in kiwi fruit using gas chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2008, 22, 727-735.	0.8	27
118	Single-step extraction followed by LC for determination of (fluoro)quinolone drug residues in muscle, eggs, and milk. <i>Journal of Separation Science</i> , 2010, 33, 1034-1043.	1.3	27
119	Advances in ultrasonography and its applications in domestic ruminants and other farm animals reproduction. <i>Journal of Advanced Research</i> , 2010, 1, 123-128.	4.4	27
120	Development of a single-step precipitation cleanup method for the determination of enrofloxacin, ciprofloxacin, and danofloxacin in porcine plasma. <i>Food Chemistry</i> , 2011, 127, 1878-1883.	4.2	27
121	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.	1.2	27
122	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.	4.2	27
123	Post-harvest HPLC determination of chlorfluazuron residues in pears treated with different programs. <i>Biomedical Chromatography</i> , 2007, 21, 695-700.	0.8	26
124	Determination of volatile organic compounds generated from fresh, white and red <i>Panax ginseng</i> (C. A. Meyer) using a direct sample injection technique. <i>Biomedical Chromatography</i> , 2008, 22, 556-562.	0.8	26
125	Determination of spinetoram and its metabolites in amaranth and parsley using QuEChERS-based extraction and liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2012, 134, 2552-2559.	4.2	26
126	Identification of Six Phytochemical Compounds from <i>Asparagus officinalis</i> 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, 107.	1.7	26

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127	An overview on plasticized biodegradable corn starch-based films: the physicochemical properties and gelatinization process. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 2569-2579.	5.4	26
128	Comparative gene expression of intestinal metabolizing enzymes. <i>Biopharmaceutics and Drug Disposition</i> , 2009, 30, 411-421.	1.1	25
129	The effects of different night-time temperatures and cultivation durations on the polyphenolic contents of lettuce: Application of principal component analysis. <i>Journal of Advanced Research</i> , 2015, 6, 493-499.	4.4	25
130	Determination of fenobucarb residues in animal and aquatic food products using liquid chromatography-tandem mass spectrometry coupled with a QuEChERS extraction method. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1058, 1-7.	1.2	25
131	Supercritical fluid extraction of the fluoroquinolones norfloxacin and ofloxacin from orally treated-chicken breast muscles. <i>Analytica Chimica Acta</i> , 2004, 513, 451-455.	2.6	24
132	Isolation of volatiles from <i>Nigella sativa</i> seeds using microwave-assisted extraction: effect of whole extracts on canine and murine CYP1A. <i>Biomedical Chromatography</i> , 2013, 27, 938-945.	0.8	24
133	Protectin DX suppresses hepatic gluconeogenesis through AMPK-HO-1-mediated inhibition of ER stress. <i>Cellular Signalling</i> , 2017, 34, 133-140.	1.7	24
134	WISP1 promotes non-alcoholic fatty liver disease and skeletal muscle insulin resistance via TLR4/JNK signaling. <i>Journal of Cellular Physiology</i> , 2018, 233, 6077-6087.	2.0	24
135	Protectin DX attenuates LPS-induced inflammation and insulin resistance in adipocytes via AMPK-mediated suppression of the NF- κ B pathway. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E543-E551.	1.8	24
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