

A M Abd El-Aty

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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	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, 241-6	4.3	118
407	Effect of food waste compost on microbial population, soil enzyme activity and lettuce growth. <i>Bioresource Technology</i> , 2004 , 93, 21-8	11	110
406	Characterization of a stem cell population in lung cancer A549 cells. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 371, 163-7	3.4	96
405	St John's wort induces both cytochrome P450 3A4-catalyzed sulfoxidation and 2C19-dependent hydroxylation of omeprazole. <i>Clinical Pharmacology and Therapeutics</i> , 2004 , 75, 191-7	6.1	96
404	Inverse correlation between jasmonic acid and salicylic acid during early wound response in rice. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 318, 734-8	3.4	76
403	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, 1794-804	3.2	72
402	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, 4366-77	4.5	72
401	Gene expression profiling of cancer stem cell in human lung adenocarcinoma A549 cells. <i>Molecular Cancer</i> , 2007 , 6, 75	42.1	69
400	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, 259-64	4.5	67
399	Determination of polyphenols in three <i>Capsicum annum</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, 2967-74	3.4	63
398	Simultaneous multiresidue analysis of 41 pesticide residues in cooked foodstuff using QuEChERS: Comparison with classical method. <i>Food Chemistry</i> , 2011 , 128, 241-53	8.5	61
397	Matrix enhancement effect: a blessing or a curse for gas chromatography?--A review. <i>Analytica Chimica Acta</i> , 2013 , 801, 14-21	6.6	60
396	Comparative gene expression profiles of intestinal transporters in mice, rats and humans. <i>Pharmacological Research</i> , 2007 , 56, 224-36	10.2	58
395	The influence of St John's Wort on CYP2C19 activity with respect to genotype. <i>Journal of Clinical Pharmacology</i> , 2004 , 44, 577-81	2.9	58
394	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, 1203-13	4.6	57
393	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	10.2	56
392	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, 402-9	8.5	54

391	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	3.8	53
390	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, 1154-8	3.5	51
389	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, 2309-14	5.7	48
388	An overview on common aspects influencing the dissipation pattern of pesticides: a review. <i>Environmental Monitoring and Assessment</i> , 2016 , 188, 693	3.1	46
387	METRN1 attenuates lipid-induced inflammation and insulin resistance via AMPK or PPAR α -dependent pathways in skeletal muscle of mice. <i>Experimental and Molecular Medicine</i> , 2018 , 50, 1-11	12.8	46
386	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, 1750-60	3.4	45
385	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, 248-55	8.5	44
384	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	3.2	44
383	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, 369-72	2.7	44
382	Residual determination of clothianidin and its metabolites in three minor crops via tandem mass spectrometry. <i>Food Chemistry</i> , 2012 , 131, 1546-1551	8.5	42
381	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
380	Simultaneous multi-determination and transfer of eight pesticide residues from green tea leaves to infusion using gas chromatography. <i>Food Chemistry</i> , 2014 , 165, 532-9	8.5	41
379	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, 1414-20	8.5	41
378	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, 445-53	8.5	40
377	Simultaneous determination of pyrethroids from pesticide residues in porcine muscle and pasteurized milk using GC. <i>Journal of Separation Science</i> , 2009 , 32, 244-51	3.4	40
376	Development and validation of a multiresidue method for determination of 82 pesticides in water using GC. <i>Journal of Separation Science</i> , 2009 , 32, 559-74	3.4	40
375	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
374	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

373	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	3.4	38
372	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, 1267-73	1.7	36
371	Environmental fate of the triazole fungicide propiconazole in a rice-paddy-soil lysimeter. <i>Plant and Soil</i> , 2002 , 239, 321-331	4.2	36
370	Metabolite analysis in <i>Curcuma domestica</i> using various GC-MS and LC-MS separation and detection techniques. <i>Biomedical Chromatography</i> , 2009 , 23, 951-65	1.7	35
369	Pharmacokinetics and bioavailability of florfenicol following intravenous, intramuscular and oral administrations in rabbits. <i>Veterinary Research Communications</i> , 2004 , 28, 515-24	2.9	35
368	Characterization and kinetics of 45 kDa chitosanase from <i>Bacillus</i> sp. P16. <i>Bioscience, Biotechnology and Biochemistry</i> , 2003 , 67, 1875-82	2.1	35
367	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
366	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	5.6	31
365	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
364	A modified QuEChERS method for simultaneous determination of flonicamid and its metabolites in paprika using tandem mass spectrometry. <i>Food Chemistry</i> , 2014 , 157, 413-20	8.5	30
363	A survey of ectoparasite infestations in stray dogs of Gwang-ju City, Republic of Korea. <i>Korean Journal of Parasitology</i> , 2008 , 46, 23-7	1.7	30
362	Laboratory studies on formation of bound residues and degradation of propiconazole in soils. <i>Pest Management Science</i> , 2003 , 59, 324-30	4.6	30
361	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
360	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, 66-73	3.2	30
359	Simultaneous determination of three acidic herbicide residues in food crops using HPLC and confirmation via LC-MS/MS. <i>Biomedical Chromatography</i> , 2011 , 25, 124-35	1.7	29
358	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, 434-42	1.7	29
357	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, 1192-7	3.4	29
356	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, 1342-8	2.1	29

355	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, 7528-32	5.7	29
354	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, 442-50	8.5	29
353	Contents of chlorogenic acids and caffeine in various coffee-related products. <i>Journal of Advanced Research</i> , 2019 , 17, 85-94	13	28
352	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	3.4	28
351	Monitoring of fluoroquinolone residual levels in chicken eggs by microbiological assay and confirmation by liquid chromatography. <i>Biomedical Chromatography</i> , 2008 , 22, 92-9	1.7	28
350	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, 553-7	1.4	28
349	Feasibility and application of an HPLC/UVD to determine dinotefuran and its shorter wavelength metabolites residues in melon with tandem mass confirmation. <i>Food Chemistry</i> , 2013 , 136, 1038-46	8.5	27
348	Pharmacokinetic properties and antitumor efficacy of the 5-fluorouracil loaded PEG-hydrogel. <i>BMC Cancer</i> , 2010 , 10, 211	4.8	27
347	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
346	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
345	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. <i>Biomedical Chromatography</i> , 2012 , 26, 464-70	1.7	26
344	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	3.4	26
343	Disposition kinetics of florfenicol in goats by using two analytical methods. <i>Transboundary and Emerging Diseases</i> , 2001 , 48, 129-36		26
342	The polyphenolic profiles and antioxidant effects of <i>Agastache rugosa</i> Kuntze (Banga) flower, leaf, stem and root. <i>Biomedical Chromatography</i> , 2016 , 30, 225-31	1.7	26
341	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
340	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	8.5	25
339	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, 602-9	1.7	25
338	Post-harvest HPLC determination of chlorfluazuron residues in pears treated with different programs. <i>Biomedical Chromatography</i> , 2007 , 21, 695-700	1.7	25

337	Disposition kinetics of difloxacin in rabbit after intravenous and intramuscular injection of Dicural. <i>Veterinary Research Communications</i> , 2005 , 29, 297-304	2.9	25
336	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
335	A matrix sensitive gas chromatography method for the analysis of pymetrozine in red pepper: application to dissipation pattern and PHRL. <i>Food Chemistry</i> , 2014 , 146, 448-54	8.5	24
334	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
333	Hyperlipidemia-induced hepassocin in the liver contributes to insulin resistance in skeletal muscle. <i>Molecular and Cellular Endocrinology</i> , 2018 , 470, 26-33	4.4	24
332	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 , 4469, 45-52	3.2	23
331	The effect of household processing on the decline pattern of dimethomorph in pepper fruits and leaves. <i>Food Control</i> , 2015 , 50, 118-124	6.2	23
330	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
329	Comparative gene expression of intestinal metabolizing enzymes. <i>Biopharmaceutics and Drug Disposition</i> , 2009 , 30, 411-21	1.7	23
328	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, 1034-43	3.4	23
327	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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007 , 45, 487-94	3.5	23
326	Comparison of different extraction methods for the simultaneous determination of pesticide residues in kiwi fruit using gas chromatography-mass spectrometry. <i>Biomedical Chromatography</i> , 2008 , 22, 727-35	1.7	23
325	Supercritical fluid extraction of the fluoroquinolones norfloxacin and ofloxacin from orally treated-chicken breast muscles. <i>Analytica Chimica Acta</i> , 2004 , 513, 451-455	6.6	23
324	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
323	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	4.5	22
322	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
321	Pesticide multiresidue analysis in <i>Panax ginseng</i> (C. A. Meyer) by solid-phase extraction and gas chromatography with electron capture and nitrogen-phosphorus detection. <i>Biomedical Chromatography</i> , 2007 , 21, 29-39	1.7	22
320	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	4.9	21

319	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
318	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, 2552-9	8.5	21
317	Multiresidue analysis of four pesticide residues in water dropwort (<i>Oenanthe javanica</i>) via pressurized liquid extraction, supercritical fluid extraction, and liquid-liquid extraction and gas chromatographic determination. <i>Journal of Separation Science</i> , 2007 , 30, 1953-63	3.4	21
316	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	3.2	20
315	Dietary-flavonoid-rich flowers of <i>Rumex nervosus</i> Vahl: Liquid chromatography with electrospray ionization tandem mass spectrometry profiling and in vitro anti-inflammatory effects. <i>Journal of Separation Science</i> , 2015 , 38, 3345-53	3.4	20
314	Determination of acetamiprid residues in zucchini grown under greenhouse conditions: application to behavioral dynamics. <i>Biomedical Chromatography</i> , 2011 , 25, 136-46	1.7	20
313	Effects of pork meat cut and packaging type on lipid oxidation and oxidative products during refrigerated storage (8 degrees C). <i>Journal of Food Science</i> , 2008 , 73, C127-34	3.4	20
312	Some pharmacokinetic data for danofloxacin in healthy goats. <i>Veterinary Research Communications</i> , 2001 , 25, 367-77	2.9	20
311	"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
310	Liquid chromatography-tandem mass spectrometry quantification of acetamiprid and thiacloprid residues in butterbur grown under regulated conditions. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017 , 1055-1056, 172-177	3.2	19
309	Flavone polyphenols dominate in <i>Thymus schimperi</i> Ronniger: LC-ESI-MS/MS characterization and study of anti-proliferative effects of plant extract on AGS and HepG2 cancer cells. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017 , 1053, 1-8	3.2	19
308	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
307	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	6	19
306	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. <i>International Journal of Cosmetic Science</i> , 2015 , 37, 567-73	2.7	19
305	Inert matrix and Na ₄ EDTA improve the supercritical fluid extraction efficiency of fluoroquinolones for HPLC determination in pig tissues. <i>Talanta</i> , 2009 , 78, 348-57	6.2	19
304	Pharmacokinetics of doxycycline after administration as a single intravenous bolus and intramuscular doses to non-lactating Egyptian goats. <i>Pharmacological Research</i> , 2004 , 49, 487-91	10.2	19
303	A simple extraction method for the simultaneous detection of tetramisole and diethylcarbamazine in milk, eggs, and porcine muscle using gradient liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2016 , 192, 299-305	8.5	18
302	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

301	Bio-barcode detection technology and its research applications: A review. <i>Journal of Advanced Research</i> , 2019 , 20, 23-32	13	18
300	LECT2 promotes inflammation and insulin resistance in adipocytes via P38 pathways. <i>Journal of Molecular Endocrinology</i> , 2018 , 61, 37-45	4.5	18
299	Simultaneous determination of seven multiclass veterinary antibiotics in surface water samples in the Republic of Korea using liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2016 , 39, 4688-4699	3.4	18
298	Polyphenolic profile and antioxidant effects of various parts of <i>Artemisia annua</i> L. <i>Biomedical Chromatography</i> , 2016 , 30, 588-95	1.7	18
297	Single-step multiresidue determination of ten multiclass veterinary drugs in pork, milk, and eggs using liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2015 , 38, 2772-80	3.4	18
296	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	3.2	17
295	Protectin DX suppresses hepatic gluconeogenesis through AMPK-HO-1-mediated inhibition of ER stress. <i>Cellular Signalling</i> , 2017 , 34, 133-140	4.9	17
294	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
293	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
292	Identification of volatile organic compounds generated from healthy and infected powdered chili using solvent-free solid injection coupled with GC/MS: application to adulteration. <i>Food Chemistry</i> , 2014 , 156, 326-32	8.5	17
291	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, 938-45	1.7	17
290	Effect of three anthelmintics on disposition kinetics of florfenicol in goats. <i>Food and Chemical Toxicology</i> , 2010 , 48, 3340-4	4.7	17
289	Protection of rat chromosomes by melatonin against gamma radiation-induced damage. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009 , 677, 14-20	3	17
288	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	10.3	17
287	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
286	Pepper leaf matrix as a promising analyte protectant prior to the analysis of thermolabile terbufos and its metabolites in pepper using GC-FPD. <i>Food Chemistry</i> , 2012 , 133, 604-10	8.5	16
285	Approaches for application of sub and supercritical fluid extraction for quantification of orbifloxacin from plasma and milk: application to disposition kinetics. <i>Analytica Chimica Acta</i> , 2009 , 631, 108-15	6.6	16
284	Residual pattern of fenhexamid on pepper fruits grown under greenhouse conditions using HPLC and confirmation via tandem mass spectrometry. <i>Food Chemistry</i> , 2011 , 126, 1533-8	8.5	16

283	Determination of volatile organic compounds generated from fresh, white and red Panax ginseng (C. A. Meyer) using a direct sample injection technique. <i>Biomedical Chromatography</i> , 2008 , 22, 556-62	1.7	16
282	Some pharmacokinetic parameters of pefloxacin in lactating goats. <i>Veterinary Research Communications</i> , 2002 , 26, 553-61	2.9	16
281	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
280	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	3.1	15
279	Analysis of kresoxim-methyl and its thermolabile metabolites in Korean plum: An application of pepper leaf matrix as a protectant for GC amenable metabolites. <i>Journal of Separation Science</i> , 2013 , 36, 203-11	3.4	15
278	Cruciferous plants: phytochemical toxicity versus cancer chemoprotection. <i>Mini-Reviews in Medicinal Chemistry</i> , 2009 , 9, 1470-8	3.2	15
277	Determination of procymidone residues in ginseng by GC-ECD and GCMS equipped with a solvent-free solid injector. <i>Food Control</i> , 2007 , 18, 364-368	6.2	15
276	Green fluorescent protein-labeled recombinant fluobody for detecting the picloram herbicide. <i>Bioscience, Biotechnology and Biochemistry</i> , 2002 , 66, 1148-51	2.1	15
275	A quick and effective methodology for analyzing dinotefuran and its highly polar metabolites in plum using liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2018 , 239, 1235-1243	8.5	15
274	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
273	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	7	14
272	Analysis of mandipropamid residual levels through systematic method optimization against the matrix complexity of sesame leaves using HPLC/UVD. <i>Biomedical Chromatography</i> , 2016 , 30, 990-995	1.7	14
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