

Kaushik Banerjee

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

2,659
citations

172457

29
h-index

182427

51
g-index

61
all docs

61
docs citations

61
times ranked

2974
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenolic composition and antioxidant activity in grapevine parts and berries (<i>Vitis vinifera</i> L.) cv. Kishmish Chorneyi (Sharad Seedless) during maturation. <i>International Journal of Food Science and Technology</i> , 2006, 41, 1-9.	2.7	390
2	Validation and uncertainty analysis of a multi-residue method for pesticides in grapes using ethyl acetate extraction and liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2007, 1173, 98-109.	3.7	191
3	Phenolic compounds, antioxidant activity and insulinotropic effect of extracts prepared from grape (<i>Vitis vinifera</i> L) byproducts. <i>Journal of Food Science and Technology</i> , 2015, 52, 181-190.	2.8	102
4	Multiresidue Pesticide Analysis in Fresh Produce by Capillary Gas Chromatography-Mass Spectrometry/Selective Ion Monitoring (GC-MS/SIM) and Tandem Mass Spectrometry (GC-MS/MS). <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 5868-5883.	5.2	91
5	Multiresidue Pesticide Analysis of Agricultural Commodities Using Acetonitrile Salt-Out Extraction, Dispersive Solid-Phase Sample Clean-Up, and High-Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 7636-7646.	5.2	91
6	A unified approach for high-throughput quantitative analysis of the residues of multi-class veterinary drugs and pesticides in bovine milk using LC-MS/MS and GC-MS/MS. <i>Food Chemistry</i> , 2019, 272, 292-305.	8.2	88
7	Multiresidue Pesticide Analysis of Ginseng Powders Using Acetonitrile- or Acetone-Based Extraction, Solid-Phase Extraction Cleanup, and Gas Chromatography-Mass Spectrometry/Selective Ion Monitoring (GC-MS/SIM) or Tandem Mass Spectrometry (GC-MS/MS). <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 5884-5896.	5.2	85
8	Multiresidue analysis of multiclass pesticides and polyaromatic hydrocarbons in fatty fish by gas chromatography tandem mass spectrometry and evaluation of matrix effect. <i>Food Chemistry</i> , 2016, 196, 1-8.	8.2	78
9	Optimization of separation and detection conditions for the multiresidue analysis of pesticides in grapes by comprehensive two-dimensional gas chromatography-time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1190, 350-357.	3.7	72
10	Development and Interlaboratory Validation of a QuEChERS-Based Liquid Chromatography-Tandem Mass Spectrometry Method for Multiresidue Pesticide Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 5897-5903.	5.2	68
11	Multiresidue determination of 375 organic contaminants including pesticides, polychlorinated biphenyls and polyaromatic hydrocarbons in fruits and vegetables by gas chromatography-triple quadrupole mass spectrometry with introduction of semi-quantification approach. <i>Journal of Chromatography A</i> , 2012, 1270, 283-295.	3.7	68
12	Residue analysis of fipronil and difenoconazole in okra by liquid chromatography tandem mass spectrometry and their food safety evaluation. <i>Food Chemistry</i> , 2015, 176, 145-151.	8.2	63
13	Validation of a GC-MS method for the estimation of dithiocarbamate fungicide residues and safety evaluation of mancozeb in fruits and vegetables. <i>Food Chemistry</i> , 2014, 150, 175-181.	8.2	62
14	Optimization of two-dimensional gas chromatography time-of-flight mass spectrometry for separation and estimation of the residues of 160 pesticides and 25 persistent organic pollutants in grape and wine. <i>Journal of Chromatography A</i> , 2010, 1217, 3881-3889.	3.7	60
15	Multiresidue analysis of 83 pesticides and 12 dioxin-like polychlorinated biphenyls in wine by gas chromatography-time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 2307-2319.	3.7	58
16	Residue dissipation and processing factor for dimethomorph, famoxadone and cymoxanil during raisin preparation. <i>Food Chemistry</i> , 2015, 170, 180-185.	8.2	58
17	Multiresidue Analysis of 50 Pesticides in Grape, Pomegranate, and Mango by Gas Chromatography-Ion Trap Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 1447-1454.	5.2	54
18	Dissipation and Distribution Behavior of Azoxystrobin, Carbendazim, and Difenoconazole in Pomegranate Fruits. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 7866-7873.	5.2	53

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19	Optimization of multi-residue method for targeted screening and quantitation of 243 pesticide residues in cardamom (<i>Elettaria cardamomum</i>) by gas chromatography tandem mass spectrometry (GC-MS/MS) analysis. <i>Chemosphere</i> , 2018, 193, 447-453.	8.2	50
20	Multiresidue Determination and Uncertainty Analysis of 87 Pesticides in Mango by Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 4068-4078.	5.2	49
21	Degradation kinetics and safety evaluation of tetraconazole and difenoconazole residues in grape. <i>Pest Management Science</i> , 2008, 64, 283-289.	3.4	48
22	Quantitative Screening of Agrochemical Residues in Fruits and Vegetables by Buffered Ethyl Acetate Extraction and LC-MS/MS Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 4449-4456.	5.2	47
23	Biodegradation of Profenofos by <i>Bacillus subtilis</i> Isolated from Grapevines (<i>Vitis vinifera</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 7195-7202.	5.2	46
24	Food safety evaluation of buprofezin, dimethoate and imidacloprid residues in pomegranate. <i>Food Chemistry</i> , 2012, 131, 787-795.	8.2	44
25	Extraction of pesticides, dioxin-like PCBs and PAHs in water based commodities using liquid-liquid microextraction and analysis by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 6780-6791.	3.7	40
26	Optimization of gas chromatography-single quadrupole mass spectrometry conditions for multiresidue analysis of pesticides in grapes in compliance to EU-MRLs. <i>Food Chemistry</i> , 2013, 138, 600-607.	8.2	37
27	Analysis of pesticide residues in tuber crops using pressurised liquid extraction and gas chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2018, 241, 250-257.	8.2	32
28	Multiresidue Pesticide Analysis in Ginseng and Spinach by Nontargeted and Targeted Screening Procedures. <i>Journal of AOAC INTERNATIONAL</i> , 2011, 94, 1741-1751.	1.5	31
29	Kinetics of degradation of carbendazim by <i>B. subtilis</i> strains: possibility of in situ detoxification. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 8599-8610.	2.7	30
30	Dissipation kinetics of forchlorfenuron, 6-benzyl aminopurine, gibberellic acid and ethephon residues in table grapes (<i>Vitis vinifera</i>). <i>Food Chemistry</i> , 2013, 141, 4208-4214.	8.2	29
31	Simultaneous analysis of herbicides pendimethalin, oxyfluorfen, imazethapyr and quizalofop-p-ethyl by LC-MS/MS and safety evaluation of their harvest time residues in peanut (<i>Arachis hypogaea</i> L.). <i>Journal of Food Science and Technology</i> , 2015, 52, 4001-4014.	2.8	27
32	Image processing based technique for classification of fish quality after cypermethrine exposure. <i>LWT - Food Science and Technology</i> , 2016, 68, 408-417.	5.2	27
33	Single-Laboratory Validation and Uncertainty Analysis of 82 Pesticides Determined in Pomegranate, Apple, and Orange by Ethyl Acetate Extraction and Liquid Chromatography/Tandem Mass Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2008, 91, 1435-1445.	1.5	25
34	Degradation kinetics and safety evaluation of buprofezin residues in grape (<i>Vitis vinifera</i> L.) and three different soils of India. <i>Pest Management Science</i> , 2009, 65, 183-188.	3.4	25
35	Enhanced Dissipation of Triazole and Multiclass Pesticide Residues on Grapes after Foliar Application of Grapevine-Associated <i>Bacillus</i> Species. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 10736-10746.	5.2	24
36	Optimization and Validation of a Residue Analysis Method for Glyphosate, Glufosinate, and Their Metabolites in Plant Matrixes by Liquid Chromatography with Tandem Mass Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2017, 100, 631-639.	1.5	23

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37	Comprehensive multiresidue determination of pesticides and plant growth regulators in grapevine leaves using liquid- and gas chromatography with tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2018, 1579, 73-82.	3.7	23
38	Dissipation kinetics, safety evaluation, and assessment of pre-harvest interval (PHI) and processing factor for kresoxim methyl residues in grape. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 2369-2374.	2.7	22
39	Dissipation pattern, safety evaluation, and generation of processing factor (PF) for pyraclostrobin and metiram residues in grapes during raisin preparation. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 31.	2.7	21
40	Multiresidue Method for Targeted Screening of Pesticide Residues in Spice Cardamom (<i>Elettaria</i>) <i>TJ ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 INTERNATIONAL</i> , 2017, 100, 603-609.	1.5	20
41	Rate of degradation of flü-cyhalothrin and methomyl in grapes (<i>Vitis vinifera</i> L.). <i>Food Additives and Contaminants</i> , 2006, 23, 994-999.	2.0	19
42	Development and validation of a multiresidue method for pesticides and selected veterinary drugs in animal feed using liquid- and gas chromatography with tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1627, 461416.	3.7	19
43	Optimization of Detection Conditions and Single-Laboratory Validation of a Multiresidue Method for the Determination of 135 Pesticides and 25 Organic Pollutants in Grapes and Wine by Gas Chromatography Time-of-Flight Mass Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2011, 94, 273-285.	1.5	17
44	Improved analysis of captan, tetrahydrophthalimide, captafol, folpet, phthalimide, and iprodione in fruits and vegetables by liquid chromatography tandem mass spectrometry. <i>Food Chemistry</i> , 2019, 301, 125216.	8.2	17
45	Targeted screening and safety evaluation of 276 agrochemical residues in raisins using buffered ethyl acetate extraction and liquid chromatography tandem mass spectrometry analysis. <i>Chemosphere</i> , 2017, 184, 1036-1042.	8.2	16
46	Development and validation of a simple analytical method for the determination of 2,4,6-trichloroanisole in wine by GC-MS. <i>Food Chemistry</i> , 2011, 124, 1734-1740.	8.2	15
47	Development and validation of an analytical method for the multiresidue analysis of pesticides in sesame seeds using liquid- and gas chromatography with tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2021, 1652, 462346.	3.7	15
48	Ensuring selectivity and sensitivity by timed- and ultra-selective reaction monitoring during gas chromatography tandem mass spectrometric determination of pesticides. <i>Journal of Chromatography A</i> , 2013, 1318, 226-233.	3.7	13
49	High throughput residue analysis of paraquat and diquat involving hydrophilic interaction liquid chromatographic separation and mass spectrometric determination. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2019, 36, 120-130.	2.3	12
50	Multiresidue Analysis of Synthetic Pyrethroid Pesticides in Grapes by Gas Chromatography with Programmed Temperature Vaporizing Large Volume Injection Coupled with Ion Trap Mass Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2010, 93, 368-379.	1.5	9
51	Analytical method validation, dissipation and safety evaluation of combination fungicides fenamidone and mancozeb and iprovalicarb and propineb in/on tomato. <i>Journal of Food Science and Technology</i> , 2020, 57, 2061-2069.	2.8	9
52	Introducing a low-cost jute activated carbon as a novel cleanup agent in multiclass pesticide residue analysis using gas chromatography tandem mass spectrometry. <i>Journal of Cleaner Production</i> , 2021, 319, 128696.	9.3	9
53	Determination of Triazines and Triazoles in Grapes Using Atmospheric Pressure Matrix-Assisted Laser Desorption/Ionization High-Resolution Mass Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2017, 100, 640-646.	1.5	8
54	Residue dynamics of carbendazim and mancozeb in grape (<i>Vitis Vinifera</i> L.) berries. <i>Toxicological and Environmental Chemistry</i> , 2005, 87, 77-81.	1.2	6

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55	Multi-residue Analysis of Pesticides in Turmeric (Powder and Rhizome) Using Gas Chromatography Tandem Mass Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2020, 103, 1498-1511.	1.5	6
56	Multi-residue analysis of captan, captafol, folpet, and iprodione in cereals using liquid chromatography with tandem mass spectrometry. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2019, 36, 1688-1695.	2.3	4
57	Multiresidue analysis of pesticides, polyaromatic hydrocarbons and polychlorinated biphenyls in poultry meat and chicken eggs by GC-MS/MS: method development and validation. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2022, 57, 263-283.	1.5	4
58	Application of GC-TOFMS for Pesticide Residue Analysis in Grapes. <i>Comprehensive Analytical Chemistry</i> , 2012, , 367-413.	1.3	3
59	Producing Crops without Mancozeb? Perspectives on Recent Regulatory Dilemmas and Ways Out. <i>ACS Agricultural Science and Technology</i> , 2022, 2, 272-275.	2.3	3
60	A Fast, Inexpensive, and Safe Method for Residue Analysis of Meptyldinocap in Different Fruits by Liquid Chromatography/Tandem Mass Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2010, 93, 1957-1964.	1.5	2