

Osmar Damian Prestes

List of Publications by Year in Descending Order

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Version: 2024-04-27

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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.

89
papers

1,787
citations

23
h-index

39
g-index

95
ext. papers

2,151
ext. citations

3.5
avg, IF

4.98
L-index

#	Paper	IF	Citations
89	Critical Evaluation of Analytical Methods for the Determination of Anthropogenic Organic Contaminants in Edible Oils: An Overview of the Last Five Years.. <i>Critical Reviews in Analytical Chemistry</i> , 2022 , 1-15	5.2	
88	Determination of Avermectins Residues in Soybean, Bean, and Maize Using a QuEChERS-Based Method and Ultra-High-Performance Liquid Chromatography Coupled to Tandem Mass Spectrometry. <i>Separations</i> , 2021 , 8, 214	3.1	
87	Environmentally relevant pesticides induce biochemical changes in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Ecotoxicology</i> , 2021 , 30, 585-598	2.9	0
86	Dilution of QuEChERS Extracts Without Cleanup Improves Results in the UHPLC-MS/MS Multiresidue Analysis of Pesticides in Tomato. <i>Food Analytical Methods</i> , 2021 , 14, 1511-1523	3.4	1
85	Mobilization and transport of pesticides with runoff and suspended sediment during flooding events in an agricultural catchment of Southern Brazil. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 39370-39386	5.1	3
84	Biochemical and Behavioral Responses in Zebrafish Exposed to Imidacloprid Oxidative Damage and Antioxidant Responses. <i>Archives of Environmental Contamination and Toxicology</i> , 2021 , 81, 255-264	3.2	2
83	Removal of High Concentrations of Veterinary Antibiotics Through Co-composting of Swine Waste. <i>Waste and Biomass Valorization</i> , 2021 , 12, 407-416	3.2	2
82	Behavioral impairment and neurotoxic responses of silver catfish <i>Rhamdia quelen</i> exposed to organophosphate pesticide trichlorfon: Protective effects of diet containing rutin. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021 , 239, 108871	3.2	8
81	Occurrence and fate of pharmaceuticals in effluent and sludge from a wastewater treatment plant in Brazil. <i>Environmental Technology (United Kingdom)</i> , 2021 , 42, 2292-2303	2.6	17
80	Water quality variables and emerging environmental contaminant in water for human consumption in Rio Grande do Sul, Brazil. <i>Environmental Challenges</i> , 2021 , 5, 100266	2.6	1
79	Miniaturized QuEChERS method for determination of 97 pesticide residues in wine by ultra-high performance liquid chromatography coupled with tandem mass spectrometry. <i>Analytical Methods</i> , 2020 , 12, 2682-2692	3.2	10
78	Assessment of River Water Quality in an Agricultural Region of Brazil Using Biomarkers in a Native Neotropical Fish, <i>Astyanax</i> spp. (Characidae). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020 , 104, 575-581	2.7	10
77	Seasonal factors driving biochemical biomarkers in two fish species from a subtropical reservoir in southern Brazil: An integrated approach. <i>Environmental Pollution</i> , 2020 , 266, 115168	9.3	3
76	"Modern agriculture" transfers many pesticides to watercourses: a case study of a representative rural catchment of southern Brazil. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 10581-10598	5.1	28
75	Effective methods for the determination of triphenyltin residues in surface water and soil samples by high-performance liquid chromatography with tandem mass spectrometry. <i>Analytical Methods</i> , 2020 , 12, 2323-2330	3.2	1
74	Polymer coating in soybean seed treatment and their relation to leaching of chemicals. <i>Revista Ambiente & Agua</i> , 2020 , 15, 1	0.8	2
73	Balls-in-tube matrix solid phase dispersion (BiT-MSPD): An innovative and simplified technique for multiresidue determination of pesticides in fruit samples. <i>Journal of Chromatography A</i> , 2020 , 1612, 460640	4.5	10

72	Ecological risk of pesticide contamination in a Brazilian river located near a rural area: A study of biomarkers using zebrafish embryos. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 190, 110071	7	23
71	Modified QuEChERS Method for Multi-residue Determination of Pesticides in Pecan Nuts by Liquid Chromatography Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , 2020 , 13, 793-801	3.4	10
70	Protective effects of diet containing rutin against trichlorfon-induced muscle bioenergetics disruption and impairment on fatty acid profile of silver catfish <i>Rhamdia quelen</i> . <i>Ecotoxicology and Environmental Safety</i> , 2020 , 205, 111127	7	3
69	Preserved riparian forest protects endangered forest-specialists amphibian species against the genotoxic impact of sunlight and agrochemicals. <i>Biological Conservation</i> , 2020 , 249, 108746	6.2	3
68	Organic and conventional agriculture: Conventional rice farming causes biochemical changes in <i>Astyanax lacustris</i> . <i>Science of the Total Environment</i> , 2020 , 744, 140820	10.2	1
67	Potential environmental toxicity of sewage effluent with pharmaceuticals. <i>Ecotoxicology</i> , 2020 , 29, 13152-1326	6	6
66	Ecological impacts of pesticides on <i>Astyanax jacuhiensis</i> (Characiformes: Characidae) from the Uruguay river, Brazil. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 205, 111314	7	9
65	Design of experiments and method development 2020 , 589-608		8
64	Experimental reproduction of congenital anomalies in the progeny of cows fed apple pomace during pregnancy. <i>Pesquisa Veterinaria Brasileira</i> , 2019 , 39, 371-375	0.4	1
63	Multiclass Method for the Determination of Pesticide Residues in Oat Using Modified QuEChERS with Alternative Sorbent and Liquid Chromatography with Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , 2019 , 12, 2835-2844	3.4	13
62	Compostagem de efluente suíno no tratamento de resíduos de fármacos veterinários. <i>Semina: Ciências Agrárias</i> , 2019 , 40, 2813	0.6	3
61	Development and validation of a method for the analysis of pyrethroid residues in fish using GC-MS. <i>Food Chemistry</i> , 2019 , 297, 124944	8.5	24
60	A multiclass method for the determination of pharmaceuticals in drinking water by solid phase extraction and ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Analytical Methods</i> , 2019 , 11, 2333-2340	3.2	13
59	Vibrational extraction QuEChERS for analysis of antiparasitic agents in fish by liquid chromatography coupled with tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 6913-6929	4.4	3
58	Organophosphate pesticide trichlorfon induced neurotoxic effects in freshwater silver catfish <i>Rhamdia quelen</i> via disruption of blood-brain barrier: Implications on oxidative status, cell viability and brain neurotransmitters. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019 , 218, 8-13	3.2	9
57	Simultaneous determination of the quaternary ammonium pesticides paraquat, diquat, chlormequat, and mepiquat in barley and wheat using a modified quick polar pesticides method, diluted standard addition calibration and hydrophilic interaction liquid chromatography coupled to electrospray ionization tandem mass spectrometry. <i>Food Chemistry</i> , 2019 , 299, 109-114	4.5	21
56	Disturbance of energetic homeostasis and oxidative damage provoked by trichlorfon as relevant toxicological mechanisms using silver catfish as experimental model. <i>Chemico-Biological Interactions</i> , 2019 , 299, 94-100	5	16
55	Indiscriminate use of glyphosate impregnates river epilithic biofilms in southern Brazil. <i>Science of the Total Environment</i> , 2019 , 651, 1377-1387	10.2	31

54	Bar adsorptive microextraction (BAE) with a polymeric sorbent for the determination of emerging contaminants in water samples by ultra-high performance liquid chromatography with tandem mass spectrometry. <i>Analytical Methods</i> , 2018 , 10, 697-705	3.2	6
53	Protective effect of quercetin against oxidative stress induced by oxytetracycline in muscle of silver catfish. <i>Aquaculture</i> , 2018 , 484, 120-125	4.4	19
52	Comprehensive Method Validation for the Determination of 170 Pesticide Residues in Pear Employing Modified QuEChERS Without Clean-Up and Ultra-High Performance Liquid Chromatography Coupled to Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , 2018 , 11, 556-577	3.4	10
51	Optimization of sample preparation by central composite design for multi-class determination of veterinary drugs in bovine muscle, kidney and liver by ultra-high-performance liquid chromatographic-tandem mass spectrometry. <i>Food Chemistry</i> , 2018 , 246, 404-413	8.5	22
50	Single and binary adsorption of sulfonamide antibiotics onto iron-modified clay: linear and nonlinear isotherms, kinetics, thermodynamics, and mechanistic studies. <i>Applied Water Science</i> , 2018 , 8, 1	5	44
49	Determination of organochlorine pesticides (OCPs) in breast milk from Rio Grande do Sul, Brazil, using a modified QuEChERS method and gas chromatography-negative chemical ionisation-mass spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2018 , 98, 1005-1016	1.8	9
48	Quality of Meliponinae honey: Pesticides residues, pollen identity, and microbiological profiles. <i>Environmental Quality Management</i> , 2018 , 27, 39-45	0.8	3
47	Determination of Pesticide Residues in Soy-Based Beverages Using a QuEChERS Method (with Clean-Up Optimized by Central Composite Design) and Ultra-High-Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , 2017 , 10, 369-378	3.4	19
46	Advanced Sample Preparation Techniques for Pesticide Residues Determination by HRMS Analysis 2017 , 131-164		0
45	The impact of postnatal leuprolide acetate treatment on reproductive characteristics in a rodent model of polycystic ovary syndrome. <i>Molecular and Cellular Endocrinology</i> , 2017 , 442, 125-133	4.4	5
44	Multiresidue determination of pesticides in crop plants by the quick, easy, cheap, effective, rugged, and safe method and ultra-high-performance liquid chromatography tandem mass spectrometry using a calibration based on a single level standard addition in the sample. <i>Journal of Chromatography A</i> , 2017 , 1526, 119-127	4.5	19
43	RICE SEED TREATMENT AND RECOATING WITH POLYMERS: PHYSIOLOGICAL QUALITY AND RETENTION OF CHEMICAL PRODUCTS. <i>Revista Caatinga</i> , 2017 , 30, 920-927	0.6	2
42	Evaluation of an alternative fluorinated sorbent for dispersive solid-phase extraction clean-up of the quick, easy, cheap, effective, rugged, and safe method for pesticide residues analysis. <i>Journal of Chromatography A</i> , 2017 , 1514, 36-43	4.5	26
41	Evaluation of the rotating disk sorptive extraction technique with polymeric sorbent for multiresidue determination of pesticides in water by ultra-high-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2017 , 1516, 54-63	4.5	26
40	A Simple and Fast Method for the Determination of 20 Veterinary Drug Residues in Bovine Kidney and Liver by Ultra-High-Performance Liquid Chromatography Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , 2017 , 10, 854-864	3.4	10
39	Determination of Pesticide Residues in Golden Berry (<i>Physalis peruviana</i> L.) by Modified QuEChERS Method and Ultra-High Performance Liquid Chromatography-Tandem Quadrupole Mass Spectrometry. <i>Food Analytical Methods</i> , 2017 , 10, 320-329	3.4	17
38	Determination of Six Synthetic Dyes in Sports Drinks by Dispersive Solid-Phase Extraction and HPLC-UV-Vis. <i>Journal of the Brazilian Chemical Society</i> , 2017 ,	1.5	7
37	Fungicide and insecticide residues in rice grains. <i>Acta Scientiarum - Agronomy</i> , 2017 , 39, 9	0.6	6

36	Optimization of a QuEChERS based method by means of central composite design for pesticide multiresidue determination in orange juice by UHPLC-MS/MS. <i>Food Chemistry</i> , 2016 , 196, 25-33	8.5	99
35	An effective method for pesticide residues determination in tobacco by GC-MS/MS and UHPLC-MS/MS employing acetonitrile extraction with low-temperature precipitation and d-SPE clean-up. <i>Talanta</i> , 2016 , 161, 40-47	6.2	38
34	Dilution standard addition calibration: A practical calibration strategy for multiresidue organic compounds determination. <i>Journal of Chromatography A</i> , 2016 , 1460, 84-91	4.5	19
33	Determination of pesticides in coconut (<i>Cocos nucifera</i> Linn.) water and pulp using modified QuEChERS and LC-MS/MS. <i>Food Chemistry</i> , 2016 , 213, 616-624	8.5	51
32	Evaluation of alternative sorbents for dispersive solid-phase extraction clean-up in the QuEChERS method for the determination of pesticide residues in rice by liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2016 , 39, 1945-54	3.4	66
31	Use of Factorial Design in the Development of Multiresidue Method for Determination of Pesticide Residues in Wheat by Liquid Chromatography-Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , 2016 , 9, 2541-2551	3.4	5
30	Simultaneous Determination of Multiclass Pesticides and Antibiotics in Honey Samples Based on Ultra-High Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , 2016 , 9, 1638-1653	3.4	46
29	Evaluation of QuEChERS Sample Preparation and Gas Chromatography Coupled to Mass Spectrometry for the Determination of Pesticide Residues in Grapes. <i>Journal of the Brazilian Chemical Society</i> , 2016 ,	1.5	3
28	Building Block Lactic Acid from Rice Husks and Agave Bagasse. <i>Waste and Biomass Valorization</i> , 2016 , 7, 1495-1507	3.2	12
27	Determination of pesticide residues in coconut tree trunks by modified QuEChERS method and ultra-high-performance liquid chromatography coupled to triple quadrupole tandem mass spectrometry. <i>Analytical Methods</i> , 2015 , 7, 4237-4245	3.2	12
26	A simple and efficient method for imidazolinone herbicides determination in soil by ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2015 , 1412, 82-9	4.5	34
25	Optimization and validation of a multiresidue method for pesticide determination in maize using gas chromatography coupled to tandem mass spectrometry. <i>Analytical Methods</i> , 2015 , 7, 359-365	3.2	17
24	Optimization by Central Composite Design of a Modified QuEChERS Method for Extraction of Pesticide Multiresidue in Sweet Pepper and Analysis by Ultra-High-Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , 2015 , 8, 728-739	3.4	38
23	Development of a Multiresidue Method for Pesticide Analysis in Drinking Water by Solid Phase Extraction and Determination by Gas and Liquid Chromatography with Triple Quadrupole Tandem Mass Spectrometry. <i>Journal of the Brazilian Chemical Society</i> , 2015 ,	1.5	11
22	Quantitative Analysis and Method Validation. <i>Chromatographic Science</i> , 2015 , 303-324		1
21	A comparison of adsorption equilibrium, kinetics and thermodynamics of aqueous phase clomazone between faujasite X and a natural zeolite from Kenya. <i>South African Journal of Chemistry</i> , 2015 , 68, 245-252	1.8	11
20	Simultaneous LCMS/MS Determination of Imidazolinone Herbicides Together with Other Multiclass Pesticide Residues in Soil. <i>Clean - Soil, Air, Water</i> , 2014 , 42, 1441-1449	1.6	24
19	Determination of pesticides and related compounds in water by dispersive liquid-liquid microextraction and gas chromatography-triple quadrupole mass spectrometry. <i>Analytical Methods</i> , 2014 , 6, 5020	3.2	13

18	Pesticide multiresidue determination in rice paddy water by gas chromatography coupled with triple quadrupole mass spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2014 , 97, 987-94	1.7	2
17	Determination of pesticide residues and related compounds in water and industrial effluent by solid-phase extraction and gas chromatography coupled to triple quadrupole mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 7697-709	4.4	23
16	Development of a Fast Method for the Determination of the Insecticide Fipronil and its Metabolites in Environmental Waters by SPE and GC-ECD. <i>Journal of the Brazilian Chemical Society</i> , 2013 ,	1.5	3
15	O estado da arte na determina de resuos de medicamentos veterinrios em alimentos de origem animal empregando tnicas cromatogrficas acopladas a espectrometria de massas. <i>Quimica Nova</i> , 2013 , 36, 697-710	1.6	7
14	Comparison of several extraction procedures for the determination of biopesticides in soil samples by ultrahigh pressure LC-MS/MS. <i>Journal of Separation Science</i> , 2012 , 35, 861-8	3.4	18
13	Extra em Fase Slida Dispersiva na determina de resuos e contaminantes em alimentos. <i>Scientia Chromatographica</i> , 2012 , 4, 227-240	1	19
12	Principais tnicas de preparo de amostra para a determina de resuos de agrotxicos em gua por cromatografia lquida com detec por arranjo de diodos e por espectrometria de massas. <i>Quimica Nova</i> , 2011 , 34, 1604-1617	1.6	27
11	Development of a fast multiresidue method for the determination of pesticides in dry samples (wheat grains, flour and bran) using QuEChERS based method and GCMS. <i>Food Chemistry</i> , 2011 , 125, 1436-1442	8.5	130
10	Simultaneous determination of pesticides, biopesticides and mycotoxins in organic products applying a quick, easy, cheap, effective, rugged and safe extraction procedure and ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2011 , 1218, 1477-85	4.5	133
9	QuEChERS: possibilidades e tendcias no preparo de amostra para determina multirresuo de pesticidas em alimentos. <i>Scientia Chromatographica</i> , 2011 , 3, 51-64	1	24
8	A new gas chromatography/mass spectrometry (GC-MS) method for the multiresidue analysis of pesticides in bread. <i>Journal of the Brazilian Chemical Society</i> , 2010 , 21, 1065-1070	1.5	4
7	QuEChERS: um mtodo moderno de preparo de amostra para determina multirresuo de pesticidas em alimentos por mtodos cromatogrficos acoplados a espectrometria de massas. <i>Quimica Nova</i> , 2009 , 32, 1620-1634	1.6	113
6	Method validation and comparison of acetonitrile and acetone extraction for the analysis of 169 pesticides in soya grain by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2009 , 1216, 4539-52	4.5	87
5	Multiresidue determination of pesticides in drinking water by gas chromatography-mass spectrometry after solid-phase extraction. <i>Journal of the Brazilian Chemical Society</i> , 2009 , 20, 918-925	1.5	28
4	Desenvolvimento e valida de um mtodo analtico para a determina de histamina em vinhos utilizando cromatografia lquida de alta eficincia com detec por fluorescncia. <i>Quimica Nova</i> , 2007 , 30, 18-21	1.6	3
3	Method validation for the analysis of 169 pesticides in soya grain, without clean up, by liquid chromatography-tandem mass spectrometry using positive and negative electrospray ionization. <i>Journal of Chromatography A</i> , 2007 , 1142, 123-36	4.5	118
2	Residual effects and foliar persistence of pesticides used in irrigated rice on the parasitoid <i>Telenomus podisi</i> (Hymenoptera: Platygasteridae). <i>Journal of Pest Science</i> , 1	5.5	
1	Multiresidue Determination of Fungicides in Wine by Solvent Demulsification-Dispersive Liquid-Liquid Microextraction and Ultra-High Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , 1	3.4	

