

# Osmar Damian Prestes

## List of Publications by Year in descending order

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93  
papers

2,549  
citations

186265  
28  
h-index

223800  
46  
g-index

95  
all docs

95  
docs citations

95  
times ranked

2651  
citing authors

#	ARTICLE	IF	CITATIONS
1	Critical Evaluation of Analytical Methods for the Determination of Anthropogenic Organic Contaminants in Edible Oils: An Overview of the Last Five Years.. Critical Reviews in Analytical Chemistry, 2022, , 1-15.	3.5	0
2	Removal of High Concentrations of Veterinary Antibiotics Through Co-composting of Swine Waste. Waste and Biomass Valorization, 2021, 12, 407-416.	3.4	6
3	Behavioral impairment and neurotoxic responses of silver catfish <i>Rhamdia quelen</i> exposed to organophosphate pesticide trichlorfon: Protective effects of diet containing rutin. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2021, 239, 108871.	2.6	15
4	Occurrence and fate of pharmaceuticals in effluent and sludge from a wastewater treatment plant in Brazil. Environmental Technology (United Kingdom), 2021, 42, 2292-2303.	2.2	41
5	Environmentally relevant pesticides induce biochemical changes in Nile tilapia ( <i>Oreochromis</i> ) Tj ETQq1 1 0.784314,rgBT /Overlock 10	2.4	6
6	Dilution of QuEChERS Extracts Without Cleanup Improves Results in the UHPLC-MS/MS Multiresidue Analysis of Pesticides in Tomato. Food Analytical Methods, 2021, 14, 1511-1523.	2.6	9
7	Mobilization and transport of pesticides with runoff and suspended sediment during flooding events in an agricultural catchment of Southern Brazil. Environmental Science and Pollution Research, 2021, 28, 39370-39386.	5.3	23
8	Biochemical and Behavioral Responses in Zebrafish Exposed to Imidacloprid Oxidative Damage and Antioxidant Responses. Archives of Environmental Contamination and Toxicology, 2021, 81, 255-264.	4.1	21
9	Water quality variables and emerging environmental contaminant in water for human consumption in Rio Grande do Sul, Brazil. Environmental Challenges, 2021, 5, 100266.	4.2	5
10	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. Separations, 2021, 8, 214.	2.4	0
11	Design of experiments and method development. , 2020, , 589-608.		10
12	Balls-in-tube matrix solid phase dispersion (BiT-MSPD): An innovative and simplified technique for multiresidue determination of pesticides in fruit samples. Journal of Chromatography A, 2020, 1612, 460640.	3.7	17
13	Ecological risk of pesticide contamination in a Brazilian river located near a rural area: A study of biomarkers using zebrafish embryos. Ecotoxicology and Environmental Safety, 2020, 190, 110071.	6.0	49
14	Modified QuEChERS Method for Multiresidue Determination of Pesticides in Pecan Nuts by Liquid Chromatography Tandem Mass Spectrometry. Food Analytical Methods, 2020, 13, 793-801.	2.6	13
15	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> . Ecotoxicology and Environmental Safety, 2020, 205, 111127.	6.0	8
16	Preserved riparian forest protects endangered forest-specialists amphibian species against the genotoxic impact of sunlight and agrochemicals. Biological Conservation, 2020, 249, 108746.	4.1	12
17	Organic and conventional agriculture: Conventional rice farming causes biochemical changes in <i>Astyanax lacustris</i> . Science of the Total Environment, 2020, 744, 140820.	8.0	8
18	Potential environmental toxicity of sewage effluent with pharmaceuticals. Ecotoxicology, 2020, 29, 1315-1326.	2.4	12

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19	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.	6.0	21
20	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.	2.7	17
21	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	18
22	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.	7.5	9
23	“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.	5.3	65
24	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.	2.7	2
25	Polymer coating in soybean seed treatment and their relation to leaching of chemicals. <i>Revista Ambiente &amp; Água</i> , 2020, 15, 1.	0.3	4
26	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.	3.7	4
27	Experimental reproduction of congenital anomalies in the progeny of cows fed apple pomace during pregnancy. <i>Pesquisa Veterinaria Brasileira</i> , 2019, 39, 371-375.	0.5	1
28	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.	2.6	16
29	Compostagem de efluente suíno no tratamento de resíduos de fármacos veterinários. <i>Semina: Ciências Agrárias</i> , 2019, 40, 2813.	0.3	4
30	Development and validation of a method for the analysis of pyrethroid residues in fish using GC-MS. <i>Food Chemistry</i> , 2019, 297, 124944.	8.2	40
31	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.	2.7	19
32	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.	2.6	21
33	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 tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2019, 1592, 101-111.	3.7	37
34	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.	4.0	21
35	Indiscriminate use of glyphosate impregnates river epilithic biofilms in southern Brazil. <i>Science of the Total Environment</i> , 2019, 651, 1377-1387.	8.0	71
36	Bar adsorptive microextraction (BA <sub>ME</sub> ) 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.	2.7	9

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37	Protective effect of quercetin against oxidative stress induced by oxytetracycline in muscle of silver catfish. <i>Aquaculture</i> , 2018, 484, 120-125.	3.5	31
38	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.	2.6	13
39	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.	8.2	30
40	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.	5.6	95
41	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.	3.3	17
42	Quality of Meliponinae honey: Pesticides residues, pollen identity, and microbiological profiles. <i>Environmental Quality Management</i> , 2018, 27, 39-45.	1.9	6
43	Determination of Pesticide Residues in Soy-Based Beverages Using a QuEChERS Method (with Clean-Up) Tj ETQq1 1 0.784314 rgBT /Ov Mass Spectrometry. <i>Food Analytical Methods</i> , 2017, 10, 369-378.	2.6	23
44	Advanced Sample Preparation Techniques for Pesticide Residues Determination by HRMS Analysis. , 2017, , 131-164.		3
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.	3.2	6
46	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.	3.7	28
47	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.	3.7	36
48	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.	3.7	32
49	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.	2.6	10
50	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.	2.6	23
51	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, , .	0.6	10
52	&lt;b&gt;Fungicide and insecticide residues in rice grains. <i>Acta Scientiarum - Agronomy</i> , 2017, 39, 9.	0.6	10
53	RICE SEED TREATMENT AND RECOATING WITH POLYMERS: PHYSIOLOGICAL QUALITY AND RETENTION OF CHEMICAL PRODUCTS. <i>Revista Caatinga</i> , 2017, 30, 920-927.	0.7	5
54	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, , .	0.6	3

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55	Fast Sample Preparation Method Using Ultra-High Performance Liquid Chromatography Coupled to Tandem Mass Spectrometry for Natamycin Determination in Wine Samples. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	1
56	Building Block Lactic Acid from Rice Husks and Agave Bagasse. <i>Waste and Biomass Valorization</i> , 2016, 7, 1495-1507.	3.4	14
57	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.	5.5	52
58	Dilution standard addition calibration: A practical calibration strategy for multiresidue organic compounds determination. <i>Journal of Chromatography A</i> , 2016, 1460, 84-91.	3.7	23
59	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.	8.2	80
60	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, 1945-1954.	2.5	88
61	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.	2.6	7
62	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.	2.6	57
63	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.	8.2	130
64	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, , .	0.6	17
65	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.	2.7	16
66	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, 82-89.	3.7	44
67	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.	2.7	20
68	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.	2.6	44
69	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.	0.6	17
70	Pesticide Multiresidue Determination in Rice Paddy Water by Gas Chromatography Coupled with Triple Quadrupole Mass Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2014, 97, 987-994.	1.5	4
71	Simultaneous LC-MS/MS Determination of Imidazolinone Herbicides Together with Other Multiclass Pesticide Residues in Soil. <i>Clean - Soil, Air, Water</i> , 2014, 42, 1441-1449.	1.1	32
72	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.	2.7	15

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73	Efeito do processamento industrial e doméstico de alimentos nos níveis de resíduos de agrotóxicos. <i>Vigilância Sanitária Em Debate: Sociedade, Ciência &amp; Tecnologia</i> , 2014, 2, .	0.1	1
74	DETERMINATION OF PESTICIDE RESIDUES IN BOVINE MILK USING A MODIFIED QuEChERS METHOD AND GC-MS/MS. <i>Quimica Nova</i> , 2014, , .	0.3	0
75	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, 7697-7709.	3.7	28
76	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, , .	0.6	4
77	O estado da arte na determinação de resíduos de medicamentos veterinários em alimentos de origem animal empregando técnicas cromatográficas acopladas à espectrometria de massas. <i>Quimica Nova</i> , 2013, 36, 697-710.	0.3	8
78	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, 861-868.	2.5	23
79	Extração em Fase Sólida Dispersiva na determinação de resíduos e contaminantes em alimentos. <i>Scientia Chromatographica</i> , 2012, 4, 227-240.	0.2	21
80	Principais técnicas de preparo de amostra para a determinação de resíduos de agrotóxicos em água por cromatografia líquida com detecção por arranjo de diodos e por espectrometria de massas. <i>Quimica Nova</i> , 2011, 34, 1604-1617.	0.3	35
81	Development of a fast multiresidue method for the determination of pesticides in dry samples (wheat) <i>Tj ETQq1 1 0,784314 rgBT /Ov</i>	8.2	151
82	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, 1477-1485.	3.7	148
83	QuEChERS: possibilidades e tendências no preparo de amostra para determinação multirresíduo de pesticidas em alimentos. <i>Scientia Chromatographica</i> , 2011, 3, 51-64.	0.2	36
84	Aumento da resposta analítica por meio da otimização do sistema de injeção sem divisão de fluxo em cromatografia gasosa empregando a lei dos gases ideais. <i>Quimica Nova</i> , 2011, 34, 414-418.	0.3	0
85	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.	0.6	7
86	QuEChERS: um método moderno de preparo de amostra para determinação multirresíduo de pesticidas em alimentos por métodos cromatográficos acoplados à espectrometria de massas. <i>Quimica Nova</i> , 2009, 32, 1620-1634.	0.3	139
87	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, 4539-4552.	3.7	99
88	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.	0.6	34
89	Desenvolvimento e validação de um método analítico para a determinação de histamina em vinhos utilizando cromatografia líquida de alta eficiência com detecção por fluorescência. <i>Quimica Nova</i> , 2007, 30, 18-21.	0.3	3
90	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, 123-136.	3.7	131

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91	Evaluation of QuEChERS Sample Preparation for Determination of Avermectins Residues in Ovine Muscle by HPLC-FD and UHPLC-MS/MS. Journal of the Brazilian Chemical Society, 0, , .	0.6	2
92	Residual effects and foliar persistence of pesticides used in irrigated rice on the parasitoid Telenomus podisi (Hymenoptera: Platygasteridae). Journal of Pest Science, 0, , 1.	3.7	0
93	Multiresidue Determination of Fungicides in Wine by Solvent Demulsification-Dispersive Liquid-Liquid Microextraction and Ultra-High Performance Liquid Chromatography-Tandem Mass Spectrometry. Food Analytical Methods, 0, , 1.	2.6	2