Rodrigo Hoff

List of Publications by Year
in descending order

62 papers	1,543 citations	236925 25 h-index	330143 37 g-index
62 all docs	62 docs citations	62 times ranked	1766 citing authors

#	Article	IF	Citations
1	Determination of Polycyclic Aromatic Hydrocarbons in Seafood by PLE-LC-APCI-MS/MS and Preliminary Risk Assessment of the Northeast Brazil Oil Spill. Food Analytical Methods, 2022, 15, 1826-1842.	2.6	14
2	Cassava-based materials for matrix solid phase dispersion: an alternative for sample preparation in food analysis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2022, , 123263.	2.3	1
3	Disasters with oil spills in the oceans: Impacts on food safety and analytical control methods. Food Research International, 2022, 157, 111366.	6.2	6
4	Alternative pressurized liquid extraction using a hard cap espresso machine for determination of polycyclic aromatic hydrocarbons in smoked bacon. Food Control, 2021, 120, 107565.	5.5	8
5	Residues of antibiotics in yeasts from ethanol production: a possible contamination route for feedingstuffs. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2021, 56, 307-312.	1.5	3
6	The addition of yerba mate leaves on bread dough has influences on fermentation time and the availability of phenolic compounds?. LWT - Food Science and Technology, 2021, 146, 111442.	5.2	11
7	Reacqua: A low-cost solar still system for the removal of antibiotics from contaminated effluents. Journal of Environmental Chemical Engineering, 2021, 9, 106488.	6.7	4
8	Analysis of nitrofurans residues in foods of animal origin. , 2021, , 379-419.		2
9	Assessing the mutagens ethylnitrolic acid and 2-methyl-1,4-dinitro-pyrrole in meat products: Sample preparation and simultaneous analysis by LCâ€“MS/MS. Journal of Chromatography A, 2020, 1609, 460512.	3.7	4
10	Analysis of sulfonamide residues in bovine liver by liquid chromatography- tandem mass spectrometry without chemical extraction or clean-up procedures. Analytical Biochemistry, 2020, 611, 114011.	2.4	7
11	Presence of antibiotic resistance genes and its association with antibiotic occurrence in DilÃºvio River in southern Brazil. Science of the Total Environment, 2020, 738, 139781.	8.0	55
12	Determination of 62 veterinary drugs in feedingstuffs by novel pressurized liquid extraction methods and LC-MS/MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1152, 122232.	2.3	29
13	FT-NIR combined with chemometrics versus classic chemical methods as accredited analytical support for decision-making: Application to chemical compositional compliance of feedingstuffs. Microchemical Journal, 2020, 158, 105126.	4.5	1
14	Efficiency of a low-cost pyramid-shaped solar still for pesticide removal from highly contaminated water. Chemosphere, 2019, 234, 427-437.	8.2	14
15	Cost-Effective and High-Reliability Analytical Approach for Multitoxin Screening in Bivalve Mollusks by Liquid Chromatography Coupled to Tandem Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2019, 67, 2691-2699.	5.2	11
16	Removal of epoxiconazole and pyraclostrobin from highly contaminated effluent (grams per liter) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1 Science of the Total Environment, 2019, 653, 597-604.	8.0	15
17	Clean-up Procedure Development and Method Validation for Pesticide Residues Analysis in Carrots. Food Analytical Methods, 2019, 12, 282-292.	2.6	11
18	Liquid Chromatography-Tandem Mass Spectrometry Determination and Depletion Profile of Chlortetracycline, Doxycycline, and Oxytetracycline in Broiler Chicken Muscle After Oral Administration. Food Analytical Methods, 2018, 11, 2181-2194.	2.6	16

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19	Wide-Scope Determination of Pharmaceuticals and Pesticides in Water Samples: Qualitative and Confirmatory Screening Method Using LC-qTOF-MS. Water, Air, and Soil Pollution, 2018, 229, 1.	2.4	27
20	Combining extraction and purification steps in sample preparation for environmental matrices: A review of matrix solid phase dispersion (MSPD) and pressurized liquid extraction (PLE) applications. TrAC - Trends in Analytical Chemistry, 2018, 109, 83-96.	11.4	57
21	Outbreaks, toxicology, and analytical methods of marine toxins in seafood. Current Opinion in Food Science, 2018, 24, 43-55.	8.0	46
22	Transformation products of amoxicillin and ampicillin after photolysis in aqueous matrices: Identification and kinetics. Science of the Total Environment, 2018, 642, 954-967.	8.0	43
23	An LCâ€“ESIâ€“MS/MS method for residues of fluoroquinolones, sulfonamides, tetracyclines and trimethoprim in feedingstuffs: validation and surveillance. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2018, 35, 1975-1989.	2.3	13
24	MONITORAMENTO DE RESÃDUOS DE MEDICAMENTOS VETERINÃRIOS EM ALIMENTOS E NO AMBIENTE: MODELO PARA AVALIAÃ‡ÃƒO. Science and Animal Health, 2018, 5, 195.	0.0	0
25	Liquid Chromatographyâ€“Tandem Mass Spectrometry Multiclass Method for 46 Antibiotics Residues in Milk and Meat: Development and Validation. Food Analytical Methods, 2017, 10, 2152-2164.	2.6	47
26	A simple and high-throughput method for determination and confirmation of 14 coccidiostats in poultry muscle and eggs using liquid chromatography â€“ quadrupole linear ion trap - tandem mass spectrometry (HPLCâ€“QqLIT-MS/MS): Validation according to European Union 2002/657/EC. Talanta, 2017, 168, 43-51.	5.5	48
27	Determination of Caseinomacropeptide in Brazilian Bovine Milk by High-performance Liquid Chromatographyâ€“Mass Spectrometry. Analytical Letters, 2017, 50, 2068-2077.	1.8	1
28	Development and validation of a high-throughput method for determination of nine fluoroquinolones residues in muscle of different animal species by liquid chromatography coupled to tandem mass spectrometry with low temperature clean up. Journal of Chromatography A, 2017, 1521, 131-139.	3.7	22
29	Removal of Imazethapyr and Imazapic from the Effluent of Aero-Agricultural Operations: Efficiency of a Treatment System Using Ozone. Water, Air, and Soil Pollution, 2017, 228, 1.	2.4	6
30	Validation of a method for sedatives and Î²-blockers determination in swine, bovine and equine kidney using liquid chromatography coupled with tandem mass spectrometry. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2017, 34, 32-39.	2.3	7
31	Survey of pyrethroid, macrocyclic lactone and antibacterial residues in bulk milk tank from Minas Gerais State, Brazil. Pesquisa Veterinaria Brasileira, 2017, 37, 97-104.	0.5	3
32	Milk quality parameters associated with the occurrence of veterinary drug residues in bulk tank milk. Scientia Agricola, 2017, 74, 195-202.	1.2	5
33	Climate conditions associated with the occurrence of antimicrobial and macrocyclic lactone residues in bulk tank milk. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2017, 69, 474-482.	0.4	0
34	TRATAMENTO DE EFLUENTE CONTENDO FLUFENOXURON GERADO PELA LAVAGEM E DESCARTE DAS APLICAÃ‡Ã•ES AÃ‰REAS. Revista Brasileira De Engenharia E Sustentabilidade, 2017, 4, 1.	0.1	1
35	Determination of aminoglycoside residues in milk and muscle based on a simple and fast extraction procedure followed by liquid chromatography coupled to tandem mass spectrometry and time of flight mass spectrometry. Talanta, 2016, 154, 38-45.	5.5	98
36	Multiclass and multi-residue determination of antibiotics in bovine milk by liquid chromatographyâ€“tandem mass spectrometry: Combining efficiency of milk control and simplicity of routine analysis. International Dairy Journal, 2016, 59, 44-51.	3.0	24

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37	Determination of chloramphenicol, thiamphenicol, florfenicol and florfenicol amine in poultry, swine, bovine and fish by liquid chromatography-tandem mass spectrometry. Journal of Chromatography A, 2016, 1449, 48-53.	3.7	65
38	Trends in sulfonamides and their by-products analysis in environmental samples using mass spectrometry techniques. Trends in Environmental Analytical Chemistry, 2016, 9, 24-36.	10.3	28
39	High-throughput method for the determination of residues of Î²-lactam antibiotics in bovine milk by LC-MS/MS. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2015, 32, 1-10.	2.3	17
40	High-throughput method for macrolides and lincosamides antibiotics residues analysis in milk and muscle using a simple liquidâ€“liquid extraction technique and liquid chromatographyâ€“electrosprayâ€“tandem mass spectrometry analysis (LCâ€“MS/MS). Talanta, 2015, 144, 686-695.	5.5	84
41	Determination of quinolones and fluoroquinolones, tetracyclines and sulfonamides in bovine, swine and poultry liver using LC-MS/MS. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2015, 32, 1-9.	2.3	14
42	Determination of sulfonamide antibiotics and metabolites in liver, muscle and kidney samples by pressurized liquid extraction or ultrasound-assisted extraction followed by liquid chromatographyâ€“quadrupole linear ion trap-tandem mass spectrometry (HPLCâ€“QqLIT-MS/MS). Talanta, 2015, 134, 768-778.	5.5	62
43	Analytical quality assurance in veterinary drug residue analysis methods: Matrix effects determination and monitoring for sulfonamides analysis. Talanta, 2015, 132, 443-450.	5.5	69
44	Scope extension validation protocol: inclusion of analytes and matrices in an LC-MS/MS sulfonamide residues method. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2014, 31, 39-47.	2.3	17
45	Structural Elucidation of Sulfaquinoxaline Metabolism Products and Their Occurrence in Biological Samples Using High-Resolution Orbitrap Mass Spectrometry. Analytical Chemistry, 2014, 86, 5579-5586.	6.5	25
46	Simultaneous determination of eight antibiotics from distinct classes in surface and wastewater samples by solid-phase extraction and high-performance liquid chromatographyâ€“electrospray ionisation mass spectrometry. International Journal of Environmental Analytical Chemistry, 2014, 94, 1013-1037.	3.3	48
47	Detection and confirmation of milk adulteration with cheese whey using proteomic-like sample preparation and liquid chromatographyâ€“electrosprayâ€“tandem mass spectrometry analysis. Talanta, 2014, 120, 498-505.	5.5	54
48	A simple, fast and cheap non-SPE screening method for antibacterial residue analysis in milk and liver using liquid chromatographyâ€“tandem mass spectrometry. Talanta, 2014, 129, 374-383.	5.5	39
49	DEVELOPMENT OF EXTRACTION PROCEDURE FOR ANALYSIS OF SEDATIVES AND Î²-BLOCKERS IN SWINE KIDNEY. Quimica Nova, 2014, , .	0.3	0
50	Determination of avermectin and milbemycin residues in bovine muscle by liquid chromatography-tandem mass spectrometry and fluorescence detection using solvent extraction and low temperature cleanup. Food Control, 2013, 29, 55-60.	5.5	56
51	Characterization and estimation of sulfaquinoxaline metabolites in animal tissues using liquid chromatography coupled to tandem mass spectrometry. Analytical Methods, 2012, 4, 2822.	2.7	13
52	Î²-lactam antibiotics residues analysis in bovine milk by LC-ESI-MS/MS: a simple and fast liquidâ€“liquid extraction method. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2012, 29, 497-507.	2.3	38
53	Multiclass analysis of antibacterial residues in milk using RP-liquid chromatography with photodiode array and fluorescence detection and tandem mass spectrometer confirmation. Talanta, 2012, 99, 616-624.	5.5	20
54	High-throughput multiclass screening method for antibiotic residue analysis in meat using liquid chromatography-tandem mass spectrometry: a novel minimum sample preparation procedure. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2012, 29, 508-516.	2.3	29

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55	Determination and confirmation of chloramphenicol in honey, fish and prawns by liquid chromatographyâ€“tandem mass spectrometry with minimum sample preparation: validation according to 2002/657/EC Directive. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2012, 29, 550-558.	2.3	30
56	Bioactivity-based screening methods for antibiotics residues: a comparative study of commercial and in-house developed kits. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2012, 29, 577-586.	2.3	13
57	Evaluation of lipid removal from animal fats for the determination of organochlorine, pesticides, and polychlorinated biphenyl indicators by gas chromatography with electron capture detector. Journal of Separation Science, 2012, 35, 2233-2240.	2.5	4
58	A liquidâ€“liquid extraction procedure followed by a low temperature purification step for the analysis of macrocyclic lactones in milk by liquid chromatographyâ€“tandem mass spectrometry and fluorescence detection. Analytica Chimica Acta, 2011, 705, 24-29.	5.4	55
59	Sample stacking in CZE using dynamic thermal junctions I. Analytes with low dpK_a/dT crossing a single thermally induced pH junction in a BGE with high dpH/dT. Electrophoresis, 2009, 30, 1501-1509.	2.4	15
60	Sample stacking in CZE using dynamic thermal junctions II: Analytes with high dpKa/dTcrossing a single thermal junction in a BGE with low dpH/dT. Electrophoresis, 2009, 30, 1510-1515.	2.4	10
61	Analysis of sulfonamides by capillary electrophoresis. Journal of Separation Science, 2009, 32, 854-866.	2.5	39
62	Use of capillary electrophoresis with laser-induced fluorescence detection to screen and liquid chromatographyâ€“tandem mass spectrometry to confirm sulfonamide residues: Validation according to European Union 2002/657/EC. Journal of Chromatography A, 2009, 1216, 8254-8261.	3.7	39