

Renato Zanella

List of Publications by Year in Descending Order

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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.

178
papers

3,287
citations

30
h-index

45
g-index

200
ext. papers

3,874
ext. citations

3.4
avg, IF

5.35
L-index

#	Paper	IF	Citations
178	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	
177	Environmentally relevant pesticides induce biochemical changes in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Ecotoxicology</i> , 2021 , 30, 585-598	2.9	0
176	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
175	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
174	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
173	Acute Silver Catfish (<i>Rhamdia quelen</i>) Exposure to Chlorantraniliprole Insecticide. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021 , 107, 883-888	2.7	0
172	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
171	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
170	A mixture of pesticides at environmental concentrations induces oxidative stress and cholinergic effects in the neotropical fish <i>Rhamdia quelen</i> . <i>Ecotoxicology</i> , 2021 , 30, 164-174	2.9	6
169	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
168	On the search of a suitable indicator of pharmaceutical pollution in marine environments 2021 , 403-417		
167	Bioassays to screen the toxicity in drinking water samples collected in Brazilian rural area. <i>Toxicology Research</i> , 2021 , 10, 856-867	2.6	2
166	Multi-criteria decision-making techniques associated with (Q)SAR risk assessment for ranking surface water microcontaminants identified using LC-QTOF MS. <i>Science of the Total Environment</i> , 2021 , 797, 149002	10.2	0
165	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
164	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
163	Toxicological response of silver catfish (<i>Rhamdia quelen</i>) after acute exposure to a commercial insecticide containing thiamethoxam. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2020 , 55, 749-755	2.2	3
162	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

161	Translocation of chlorantraniliprole and cyantraniliprole applied to corn as seed treatment and foliar spraying to control <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae). <i>PLoS ONE</i> , 2020 , 15, e0229151	3.7	19
160	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
159	Phytostimulation of lowland soil contaminated with imidazolinone herbicides. <i>International Journal of Phytoremediation</i> , 2020 , 22, 774-780	3.9	4
158	"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
157	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
156	Análise ambiental macroscópica e a qualidade da água de nascentes na bacia do Rio São Domingos/SC, Brasil. <i>Revista Ibero-americana De Ciências Ambientais</i> , 2020 , 11, 165-176	1.8	2
155	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
154	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
153	Modified QuEChERS Method for Multiresidue Determination of Pesticides in Pecan Nuts by Liquid Chromatography Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , 2020 , 13, 793-801	3.4	10
152	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
151	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
150	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
149	Influence of pesticides and abiotic conditions on biochemical biomarkers in <i>Aegla aff. longirostri</i> (crustacea, anomura): Implications for conservation. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 203, 110982	7	4
148	Potential environmental toxicity of sewage effluent with pharmaceuticals. <i>Ecotoxicology</i> , 2020 , 29, 131521326	5.1	6
147	Effects of chlorantraniliprole insecticide on innate immune response of silver catfish (<i>Rhamdia quelen</i>) naturally infected with <i>Aeromonas hydrophila</i> . <i>Microbial Pathogenesis</i> , 2020 , 149, 104584	3.8	0
146	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
145	Design of experiments and method development 2020 , 589-608		8
144	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

143	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
142	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
141	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
140	Fish exposed to water contaminated with eprinomectin show inhibition of the activities of AChE and Na/K-ATPase in the brain, and changes in natural behavior. <i>Chemosphere</i> , 2019 , 223, 124-130	8.4	24
139	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
138	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	4.5	21
137	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
136	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
135	Biochemical Responses in Freshwater Fish Exposed to Insecticide Propoxur. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2018 , 100, 524-528	2.7	9
134	Bioaccumulation and oxidative stress caused by pesticides in <i>Cyprinus carpio</i> reared in a rice-fish system. <i>Science of the Total Environment</i> , 2018 , 626, 737-743	10.2	81
133	Thiamethoxam induced hepatic energy changes in silver catfish via impairment of the phosphoryl transfer network pathway: Toxicological effects on energetics homeostasis. <i>Environmental Toxicology and Pharmacology</i> , 2018 , 60, 1-4	5.8	8
132	Integrated biomarkers response confirm the antioxidant role of diphenyl diselenide against atrazine. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 151, 191-198	7	23
131	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
130	Presence of Anthropogenic Markers in Water: A Case Study of the Guaporé River Watershed, Brazil. <i>Clean - Soil, Air, Water</i> , 2018 , 46, 1700019	1.6	10
129	Gill bioenergetics dysfunction and oxidative damage induced by thiamethoxam exposure as relevant toxicological mechanisms in freshwater silver catfish <i>Rhamdia quelen</i> . <i>Science of the Total Environment</i> , 2018 , 636, 420-426	10.2	18
128	Purinergic signaling as potential target of thiamethoxam-induced neurotoxicity using silver catfish (<i>Rhamdia quelen</i>) as experimental model. <i>Molecular and Cellular Biochemistry</i> , 2018 , 449, 39-45	4.2	7
127	Seasonal implications on toxicity biomarkers of <i>Loricariichthys anus</i> (Valenciennes, 1835) from a subtropical reservoir. <i>Chemosphere</i> , 2018 , 191, 876-885	8.4	14
126	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

125	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
124	Purinergic signalling as a potential pathway for trichlorfon induced-inflammation and impairment of the immune response using freshwater silver catfish. <i>Aquaculture</i> , 2018 , 497, 91-96	4.4	8
123	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
122	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
121	Prenatal Androgenization of Ewes as a Model of Hirsutism in Polycystic Ovary Syndrome. <i>Endocrinology</i> , 2018 , 159, 4056-4064	4.8	4
120	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
119	Quality of Meliponinae honey: Pesticides residues, pollen identity, and microbiological profiles. <i>Environmental Quality Management</i> , 2018 , 27, 39-45	0.8	3
118	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
117	Dissipation of Clomazone, Imazapyr, and Imazapic Herbicides in Paddy Water under Two Rice Flood Management Regimes. <i>Weed Technology</i> , 2017 , 31, 330-340	1.4	6
116	Advanced Sample Preparation Techniques for Pesticide Residues Determination by HRMS Analysis 2017 , 131-164		0
115	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
114	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 , 1514, 36-43	4.5	19
113	Richness and density of aquatic benthic macroinvertebrates after exposure to fungicides and insecticides in rice paddy fields. <i>Anais Da Academia Brasileira De Ciencias</i> , 2017 , 89, 355-369	1.4	5
112	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
111	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
110	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
109	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
108	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

107	Fungicide and insecticide residues in rice grains. <i>Acta Scientiarum - Agronomy</i> , 2017 , 39, 9	0.6	6
106	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
105	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
104	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
103	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
102	Quantitative Multiclass Pesticide Residue Analysis in Apple, Pear, and Grape by Modified QuEChERS and Liquid Chromatography Coupled to High-Resolution Mass Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2016 , 99, 1426-1435	1.7	8
101	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
100	Liquid chromatography with high resolution mass spectrometry for identification of organic contaminants in fish fillet: screening and quantification assessment using two scan modes for data acquisition. <i>Journal of Chromatography A</i> , 2016 , 1456, 205-16	4.5	20
99	Acute exposure to the biopesticide azadirachtin affects parameters in the gills of common carp (<i>Cyprinus carpio</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2016 , 180, 49-55	3.2	4
98	Imazapyr+imazapic herbicide determines acute toxicity in silver catfish <i>Rhamdia quelen</i> . <i>Ecotoxicology and Environmental Safety</i> , 2016 , 128, 91-9	7	16
97	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
96	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
95	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
94	Effect of diphenyl diselenide diet supplementation on oxidative stress biomarkers in two species of freshwater fish exposed to the insecticide fipronil. <i>Fish Physiology and Biochemistry</i> , 2016 , 42, 1357-68	2.7	27
93	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
92	Steroidogenic enzymes mRNA expression profile and steroids production in bovine theca cells cultured in vitro and stimulated with angiotensin II. <i>Ciencia Rural</i> , 2015 , 45, 704-710	1.3	2
91	Clinicopathological and toxicological aspects of poisoning by the clomazone herbicide in sheep. <i>Small Ruminant Research</i> , 2015 , 124, 120-126	1.7	4
90	Integrated assessment of biomarker response in carp (<i>Cyprinus carpio</i>) and silver catfish (<i>Rhamdia quelen</i>) exposed to clomazone. <i>Archives of Environmental Contamination and Toxicology</i> , 2015 , 68, 646-54	3.2	16

89	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
88	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
87	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
86	Spatial and temporal biomarkers responses of <i>Astyanax jacuhiensis</i> (Cope, 1894)(Characiformes: Characidae) from the middle rio Uruguai, Brazil. <i>Neotropical Ichthyology</i> , 2015 , 13, 569-578	1.3	23
85	Residues of Fungicides and Insecticides in Rice Field. <i>Agronomy Journal</i> , 2015 , 107, 851-863	2.2	13
84	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
83	Imazethapyr and imazapic, bispyribac-sodium and penoxsulam: zooplankton and dissipation in subtropical rice paddy water. <i>Science of the Total Environment</i> , 2015 , 514, 68-76	10.2	19
82	Quantitative Analysis and Method Validation. <i>Chromatographic Science</i> , 2015 , 303-324		1
81	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
80	Carbofuran promotes biochemical changes in carp exposed to rice field and laboratory conditions. <i>Ecotoxicology and Environmental Safety</i> , 2014 , 101, 77-82	7	26
79	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	1.6	24
78	Evaluation of the QuEChERS method for the extraction of pharmaceuticals and personal care products from drinking-water treatment sludge with determination by UPLC-ESI-MS/MS. <i>Chemosphere</i> , 2014 , 107, 74-82	8.4	63
77	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
76	Multiresidue Determination of Pesticide Residues in Honey by Modified QuEChERS Method and Gas Chromatography with Electron Capture Detection. <i>Journal of the Brazilian Chemical Society</i> , 2014 ,	1.5	2
75	Zooplankton community responses to the mixture of imazethapyr with imazapic and bispyribac-sodium herbicides under rice paddy water conditions. <i>Ciencia Rural</i> , 2014 , 44, 1392-1397	1.3	3
74	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
73	Development of a multiresidue method for the determination of endocrine disrupters in fish fillet using gas chromatography-triple quadrupole tandem mass spectrometry. <i>Talanta</i> , 2013 , 116, 827-34	6.2	44
72	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

71	Oxidative stress in carp exposed to quinclorac herbicide under rice field condition. <i>Ecotoxicology and Environmental Safety</i> , 2013 , 92, 27-31	7	17
70	Imazethapyr and imazapic runoff under continuous and intermittent irrigation of paddy rice. <i>Agricultural Water Management</i> , 2013 , 125, 26-34	5.9	25
69	Biodegradaç�o dos herbicidas imazetapir e imazapique em solo rizosf�rico de seis esp�cies vegetais. <i>Ciencia Rural</i> , 2013 , 43, 1790-1796	1.3	10
68	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
67	O estado da arte na determina�o de res�duos de medicamentos veterin�rios em alimentos de origem animal empregando t�cnicas cromatogr�ficas acopladas � espectrometria de massas. <i>Quimica Nova</i> , 2013 , 36, 697-710	1.6	7
66	Determina�o de res�duos de herbicidas em �guas de lavoura de � arroz irrigado empregando Extra� em Fase S�lida e � Cromatografia L�quida de Alta Efici�ncia com detec�o por Arranjo de Diodos. <i>Scientia Chromatographica</i> , 2013 , 5, 89-100	1	6
65	Tissue biochemical alterations of <i>Cyprinus carpio</i> exposed to commercial herbicide containing clomazone under rice-field conditions. <i>Archives of Environmental Contamination and Toxicology</i> , 2012 , 62, 97-106	3.2	28
64	Effects of the commercial formulation containing fipronil on the non-target organism <i>Cyprinus carpio</i> : implications for rice-fish cultivation. <i>Ecotoxicology and Environmental Safety</i> , 2012 , 77, 45-51	7	59
63	The effects of diphenyl diselenide on oxidative stress biomarkers in <i>Cyprinus carpio</i> exposed to herbicide quinclorac (Facet�). <i>Ecotoxicology and Environmental Safety</i> , 2012 , 81, 91-7	7	24
62	Biodegradation of Herbicide Propanil and Its Subproduct 3,4-Dichloroaniline in Water. <i>Clean - Soil, Air, Water</i> , 2012 , 40, 958-964	1.6	12
61	Comparison of matrix solid-phase dispersion and modified QuEChERS methods for extraction of pesticide residues from onion. <i>Analytical Methods</i> , 2012 , 4, 1820	3.2	15
60	Transporte de agrot�xicos em lavoura de arroz irrigado sob tr�s manejos de irriga�o. <i>Planta Daninha</i> , 2012 , 30, 799-808	0.7	4
59	Extra� em Fase S�lida Dispersiva na determina�o de res�duos e contaminantes em alimentos. <i>Scientia Chromatographica</i> , 2012 , 4, 227-240	1	19
58	Toxicological responses of <i>Cyprinus carpio</i> after exposure to a commercial herbicide containing imazethapyr and imazapic. <i>Ecotoxicology and Environmental Safety</i> , 2011 , 74, 328-35	7	48
57	Commercial formulation containing quinclorac and metsulfuron-methyl herbicides inhibit acetylcholinesterase and induce biochemical alterations in tissues of <i>Leporinus obtusidens</i> . <i>Ecotoxicology and Environmental Safety</i> , 2011 , 74, 336-41	7	35
56	Oxidative stress and anxiety-like symptoms related to withdrawal of passive cigarette smoke in mice: beneficial effects of pecan nut shells extract, a by-product of the nut industry. <i>Ecotoxicology and Environmental Safety</i> , 2011 , 74, 1770-8	7	26
55	Repeated malathion exposure induces behavioral impairment and AChE activity inhibition in brains of rat pups. <i>Ecotoxicology and Environmental Safety</i> , 2011 , 74, 2310-5	7	17
54	Herbicides Persistence in Rice Paddy Water in Southern Brazil 2011 ,		3

53	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>Química Nova</i> , 2011 , 34, 1604-1617	1.6	27
52	Toxicological responses of <i>Cyprinus carpio</i> exposed to the herbicide penoxsulam in rice field conditions. <i>Journal of Applied Toxicology</i> , 2011 , 31, 626-32	4.1	18
51	Development of a fast multiresidue method for the determination of pesticides in dry samples (wheat grains, flour and bran) using QuEChERS based method and GC-MS. <i>Food Chemistry</i> , 2011 , 125, 1436-1442	8.5	130
50	Exposure to tebuconazol in rice field and laboratory conditions induces oxidative stress in carp (<i>Cyprinus carpio</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2011 , 153, 128-32	3.2	15
49	QuEChERS: possibilidades e tendências no preparo de amostra para determinação multirresíduo de pesticidas em alimentos. <i>Scientia Chromatographica</i> , 2011 , 3, 51-64	1	24
48	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
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42	Design of a compressed air modulator to be used in comprehensive multidimensional gas chromatography and its application in the determination of pesticide residues in grapes. <i>Journal of Chromatography A</i> , 2009 , 1216, 3305-11	4.5	20
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33	Acetylcholinesterase enzyme activity in carp brain and muscle after acute exposure to diafuran. <i>Scientia Agricola</i> , 2008 , 65, 340-345	2.5	23
32	Monitoramento de agrotóxicos em dois mananciais hídricos no sul do Brasil. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2008 , 12, 632-637	0.9	32
31	Persistência dos herbicidas imazethapyr e clomazone em lâmina de água do arroz irrigado. <i>Planta Daninha</i> , 2008 , 26, 875-881	0.7	14
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