

Annibal Duarte Pereira Netto

List of Publications by Year in descending order

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84
papers

1,710
citations

361296

20
h-index

330025

37
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86
all docs

86
docs citations

86
times ranked

2434
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of synthetic dyes in selected foodstuffs by high performance liquid chromatography with UV-DAD detection. <i>Food Chemistry</i> , 2008, 107, 489-496.	4.2	204
2	Optimization and application of methods of triacylglycerol evaluation for characterization of olive oil adulteration by soybean oil with HPLC-APCI-MS-MS. <i>Talanta</i> , 2010, 81, 1116-1125.	2.9	107
3	Avaliação da contaminação humana por hidrocarbonetos policíclicos aromáticos (HPAs) e seus derivados nitrados (NHPAs): uma revisão metodológica. <i>Química Nova</i> , 2000, 23, 765-773.	0.3	96
4	Polycyclic aromatic hydrocarbons (PAHs) in street dust of Rio de Janeiro and Niterói, Brazil: Particle size distribution, sources and cancer risk assessment. <i>Science of the Total Environment</i> , 2017, 599-600, 305-313.	3.9	88
5	Is it possible to screen for milk or whey protein adulteration with melamine, urea and ammonium sulphate, combining Kjeldahl and classical spectrophotometric methods?. <i>Food Chemistry</i> , 2013, 141, 3649-3655.	4.2	86
6	Multivariate optimization of a liquid-liquid extraction of the EPA-PAHs from natural contaminated waters prior to determination by liquid chromatography with fluorescence detection. <i>Talanta</i> , 2008, 74, 1392-1399.	2.9	58
7	PAHs in SD: Polycyclic aromatic hydrocarbons levels in street dust in the central area of Niterói City, RJ, Brazil. <i>Water, Air, and Soil Pollution</i> , 2006, 176, 57-67.	1.1	50
8	Determination of formaldehyde in bovine milk using a high sensitivity HPLC-UV method. <i>Microchemical Journal</i> , 2017, 134, 383-389.	2.3	42
9	The harmful chemistry behind krokodil (desomorphine) synthesis and mechanisms of toxicity. <i>Forensic Science International</i> , 2015, 249, 207-213.	1.3	41
10	Determination of Cu, Fe, Mn and Zn by flame atomic absorption spectrometry in multivitamin/multimineral dosage forms or tablets after an acidic extraction. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 43, 304-310.	1.4	37
11	Polycyclic aromatic hydrocarbons in biochar amended soils: Long-term experiments in Brazilian tropical areas. <i>Chemosphere</i> , 2018, 200, 641-648.	4.2	36
12	Validation of a method of high performance liquid chromatography with fluorescence detection for melamine determination in UHT whole bovine milk. <i>Food Control</i> , 2015, 51, 402-407.	2.8	30
13	The harmful chemistry behind "krokodil": Street-like synthesis and product analysis. <i>Forensic Science International</i> , 2015, 257, 76-82.	1.3	29
14	Multivariate optimization of a spectrophotometric method for copper determination in Brazilian sugar-cane spirits using the Doehlert design. <i>Microchemical Journal</i> , 2011, 99, 118-124.	2.3	28
15	Determination of ascorbic acid in the retina during chicken embryo development using high performance liquid chromatography and UV detection. <i>Analytical Methods</i> , 2016, 8, 5441-5447.	1.3	27
16	Characterization of newfound natural luminescent properties of melamine, and development and validation of a method of high performance liquid chromatography with fluorescence detection for its determination in kitchen plastic ware. <i>Talanta</i> , 2014, 123, 128-134.	2.9	26
17	Evaluation of C1-C13 carbonyl compounds by RRLC-UV in the atmosphere of Niterói City, Brazil. <i>Atmospheric Environment</i> , 2011, 45, 5183-5190.	1.9	24
18	PAHs and BTEX in Groundwater of Gasoline Stations from Rio de Janeiro City, Brazil. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2007, 79, 660-664.	1.3	23

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19	Optimization and comparison of HPLC and RRLC conditions for the analysis of carbonyl-DNPH derivatives. <i>Talanta</i> , 2010, 81, 521-529.	2.9	23
20	Occupational exposure to formaldehyde in an institute of morphology in Brazil: a comparison of area and personal sampling. <i>Environmental Science and Pollution Research</i> , 2012, 19, 2813-2819.	2.7	21
21	Characterization of solid-phase extraction of Fe(III) by unloaded polyurethane foam as thiocyanate complex. <i>Journal of Colloid and Interface Science</i> , 2007, 315, 63-69.	5.0	20
22	Early changes in system α -crystallin and glutathione in the retina of diabetic rats. <i>Experimental Eye Research</i> , 2016, 146, 35-42.	1.2	20
23	Spatial distribution of polycyclic aromatic hydrocarbons in <i>Terminalia catappa</i> L. (Combretaceae) bark from a selected heavy road traffic area of Rio de Janeiro City, Brazil. <i>Journal of Hazardous Materials</i> , 2007, 142, 389-396.	6.5	19
24	Geomicrobiology of cores from Suruã-Mangrove "Guanabara Bay" Brazil. <i>Marine Pollution Bulletin</i> , 2010, 60, 1674-1681.	2.3	19
25	Development and validation of a method for the determination of low-ppb levels of macrocyclic lactones in butter, using HPLC-fluorescence. <i>Food Chemistry</i> , 2015, 179, 239-245.	4.2	19
26	Multivariate optimization of a microwave-assisted leaching procedure using dilute acid solutions, for FAAS determination of Cu, Fe, Mn, and Zn in multivitamin/multimineral supplements. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 1113-1120.	1.9	18
27	The validation of a new high throughput method for determination of chloramphenicol in milk using liquid-liquid extraction with low temperature partitioning (LLE-LTP) and isotope-dilution liquid chromatography tandem mass spectrometry (ID-LC-MS/MS). <i>Analytical Methods</i> , 2015, 7, 4699-4707.	1.3	18
28	GC-MS Method for the Analysis of Thirteen Opioids, Cocaine and Cocaethylene in Whole Blood Based on a Modified Quechers Extraction. <i>Current Pharmaceutical Analysis</i> , 2017, 13, 215-223.	0.3	18
29	Short-term and spatial variation of selected metals in the atmosphere of Niterói City, Brazil. <i>Microchemical Journal</i> , 2004, 78, 85-90.	2.3	17
30	Analysis of 31 Hydrazones of Carbonyl Compounds by RRLC-UV and RRLC-MS(/MS): A Comparison of Methods. <i>Journal of Spectroscopy</i> , 2015, 2015, 1-11.	0.6	17
31	Combination Therapy with Sulfasalazine and Valproic Acid Promotes Human Glioblastoma Cell Death Through Imbalance of the Intracellular Oxidative Response. <i>Molecular Neurobiology</i> , 2018, 55, 6816-6833.	1.9	17
32	Identification of Polycyclic Aromatic Hydrocarbons in Street Dust of Niterói City, RJ, Brazil. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2002, 68, 831-838.	1.3	16
33	Optimization of an improved analytical method for the determination of 1-nitropyrene in milligram diesel soot samples by high-performance liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2007, 1163, 219-227.	1.8	16
34	Street-Like Synthesis of Krokodil Results in the Formation of an Enlarged Cluster of Known and New Morphinans. <i>Chemical Research in Toxicology</i> , 2017, 30, 1609-1621.	1.7	16
35	Simultaneous determination of strontium ranelate and aspartame in pharmaceutical formulation for the treatment of postmenopausal osteoporosis by capillary zone electrophoresis. <i>Microchemical Journal</i> , 2014, 117, 214-219.	2.3	15
36	Polycyclic Aromatic Hydrocarbons in Total Suspended Particulate of Niterói, RJ, Brazil: A Comparison of Summer and Winter Samples. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2002, 69, 173-180.	1.3	14

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37	Persistence of Polycyclic Aromatic Hydrocarbons in the Soil of a Burned Area for Agricultural Purposes in Brazil. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2004, 73, 1072-1077.	1.3	14
38	Polycyclic aromatic hydrocarbons in Tripuã-River, Ouro Preto, MG, Brazil. <i>Journal of Hazardous Materials</i> , 2009, 165, 447-453.	6.5	13
39	Seasonal variation of polycyclic aromatic hydrocarbons concentrations in urban streams at Niterã³i City, RJ, Brazil. <i>Marine Pollution Bulletin</i> , 2012, 64, 2834-2838.	2.3	13
40	Determination of polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/Fs) in Brazilian cow milk. <i>Science of the Total Environment</i> , 2016, 572, 177-184.	3.9	13
41	Removal of Malachite Green from Aqueous Medium Employing Polyurethane Foam as Adsorbent and Sodium Dodecylsulfate as Carrier. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 1303-1313.	1.1	12
42	Short communication: Macrocyclic lactone residues in butter from Brazilian markets. <i>Journal of Dairy Science</i> , 2015, 98, 3695-3700.	1.4	12
43	Development and validation of a method for simultaneous determination of trace levels of five macrocyclic lactones in cheese by HPLC-fluorescence after solid-liquid extraction with low temperature partitioning. <i>Food Chemistry</i> , 2019, 272, 148-156.	4.2	12
44	Development and validation of a multipurpose and multicomponent method for the simultaneous determination of six synthetic dyes in different foodstuffs by HPLC-UV-DAD. <i>Food Chemistry</i> , 2020, 323, 126811.	4.2	12
45	Configuration interaction simulation of the NEXAFS photoabsorption spectrum of naphthalene. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, .	0.6	12
46	Preliminary Comparison of PAH in Total Suspended Particulate Samples Taken at Niterã³i and Rio de Janeiro Cities, Brazil. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2001, 66, 36-43.	1.3	11
47	Characterization and Distribution of Polycyclic Aromatic Hydrocarbons in Sediments from Suruã-Mangrove, Guanabara Bay, Rio de Janeiro, Brazil. <i>Journal of Coastal Research</i> , 2012, 278, 156-162.	0.1	11
48	Capillary zone electrophoresis method for the direct determination of amino acids in recombinant human erythropoietin preparations used for the treatment of anemia. <i>Electrophoresis</i> , 2015, 36, 1179-1185.	1.3	11
49	Simultaneous evaluation of polycyclic aromatic hydrocarbons and carbonyl compounds in the atmosphere of Niterã³i City, RJ, Brazil. <i>Atmospheric Environment</i> , 2015, 106, 24-33.	1.9	11
50	Superficial distribution of aromatic compounds and geomicrobiology of sediments from Suruã-Mangrove, Guanabara Bay, RJ, Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2010, 82, 1013-1030.	0.3	10
51	Characterization of the variation of carbonyl compounds concentrations before, during, and after the renovation of an apartment at Niterã³i, Brazil. <i>Environmental Science and Pollution Research</i> , 2016, 23, 15605-15615.	2.7	10
52	Direct determination of amino acids in brewery worts produced by different processes by capillary zone electrophoresis. <i>Electrophoresis</i> , 2018, 39, 1613-1620.	1.3	10
53	Effect of pH on the Complex Coacervation and on the Formation of Layers of Sodium Alginate and PDADMAC. <i>Langmuir</i> , 2020, 36, 2510-2523.	1.6	10
54	Evaluation of the concentrations and distribution of carbonyl compounds in selected areas of a Brazilian bus terminal. <i>Environmental Science and Pollution Research</i> , 2015, 22, 9413-9423.	2.7	9

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55	Development, validation, and application of a method for selected avermectin determination in rural waters using high performance liquid chromatography and fluorescence detection. <i>Ecotoxicology and Environmental Safety</i> , 2016, 133, 424-432.	2.9	9
56	Repeated subcutaneous administrations of krokodil causes skin necrosis and internal organs toxicity in Wistar rats: putative human implications. <i>Human Psychopharmacology</i> , 2017, 32, e2572.	0.7	9
57	Antioxidant activity of polyphenols from green and toasted mate tea. <i>Natural Product Communications</i> , 2011, 6, 651-6.	0.2	9
58	Fatty acids of <i>Trypanosoma cruzi</i> . <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1982, 71, 397-402.	0.2	8
59	Data analysis of "krokodil" samples obtained by street-like synthesis. <i>Data in Brief</i> , 2016, 6, 83-88.	0.5	8
60	Feasibility study for development of candidate reference material for food analysis: Chloramphenicol in milk powder. <i>Measurement: Journal of the International Measurement Confederation</i> , 2017, 98, 300-304.	2.5	8
61	Caffeine exposure ameliorates acute ischemic cell death in avian developing retina. <i>Purinergic Signalling</i> , 2020, 16, 41-59.	1.1	7
62	Intralaboratory validation, comparison and application of HPLC-UV-DAD methods for simultaneous determination of benzalkonium chloride, chlorexidine digluconate and triclosan. <i>Journal of the Brazilian Chemical Society</i> , 2011, 22, 1913-1920.	0.6	7
63	PAHs in Diurnal and Nocturnal Samples of Total Suspended Particulate in a Highly Trafficked Area of Rio de Janeiro City, Brazil. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2005, 75, 1004-1011.	1.3	6
64	High throughput pyrogenic carbon (biochar) characterisation and quantification by liquid chromatography. <i>Analytical Methods</i> , 2015, 7, 8190-8196.	1.3	6
65	Determination of formaldehyde in bovine milk by micellar electrokinetic chromatography with diode array detection. <i>LWT - Food Science and Technology</i> , 2022, 163, 113473.	2.5	6
66	Antioxidant Activity of Polyphenols from Green and Toasted Mate Tea. <i>Natural Product Communications</i> , 2011, 6, 1934578X1100600.	0.2	5
67	Desenvolvimento e aplica�o de m�todos para a determina�o de ivermectina em medicamentos de uso veterin�rio. <i>Quimica Nova</i> , 2012, 35, 616-622.	0.3	5
68	An alternative derivatization reaction to the determination of doramectin in bovine milk using spectrofluorimetry. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 100, 127-130.	2.0	5
69	Chemical similarity between <i>Dictyota caribaea</i> and <i>Dictyota menstrualis</i> (Dictyotaceae, Phaeophyceae) from the coast of Rio de Janeiro, Brazil. <i>Biochemical Systematics and Ecology</i> , 2015, 58, 97-101.	0.6	5
70	Simultaneous determination of alpha-, beta- and gamma-hydroxybutyric acids in micro-pulverized human hair by GC-MS: Method development, validation and application. <i>Talanta</i> , 2019, 194, 576-584.	2.9	5
71	Commercial raw materials from algaculture and natural stocks of <i>Ulva</i> spp.. <i>Journal of Applied Phycology</i> , 2021, 33, 1805-1818.	1.5	5
72	RELATIVE IMPORTANCE AND INTERACTION OF ROASTING VARIABLES IN COFFEE ROASTING PROCESS. <i>Coffee Science</i> , 2018, 13, 379.	0.5	5

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73	Photochemical derivatization of amitriptyline using a green chemistry approach: fluorimetric determination and photochemical reaction mechanism. <i>Analytical Methods</i> , 2014, 6, 4022.	1.3	4
74	Trace Metals in the Atmosphere of Niterói City, RJ, Brazil. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2001, 67, 271-275.	1.3	3
75	Evaluation of sampling inhalable PM10 particulate matter ($\approx 10 \mu\text{m}$) using co-located high volume samplers. <i>Journal of Physics: Conference Series</i> , 2015, 575, 012034.	0.3	3
76	Diterpenes from the brown alga <i>Dictyota mertensii</i> . <i>Biochemical Systematics and Ecology</i> , 2019, 86, 103926.	0.6	3
77	Isolation of mitraphylline from <i>Uncaria tomentosa</i> (Willd. ex Schult.) DC. barks and development of spectrophotometric method for total alkaloids determination in Cat's Claw samples. <i>Phytochemical Analysis</i> , 2020, 31, 262-272.	1.2	3
78	Ochratoxin a levels in fermented specialty coffees from Caparaó, Brazil: Is it a cause of concern for coffee drinkers?. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2021, 38, 1948-1957.	1.1	3
79	Decontamination of <i>Mikania glomerata</i> Leaves by Gamma Irradiation: Coumarin Determination by HPLC-DAD, Microbiological Control and Genotoxicological Studies. <i>Planta Medica</i> , 2018, 84, 65-72.	0.7	1
80	Application of ultraviolet radiation as a contribution to green chemistry and construction of an alternative and low-cost photochemical reactor for pre-treatment of samples. <i>Quimica Nova</i> , 2014, 37, .	0.3	1
81	Metabolomics Based on ^1H NMR and Partial Least Squares-Discriminant Analysis. <i>Revista Virtual De Quimica</i> , 2014, 6, .	0.1	1
82	Conjugated Linoleic Acids (CLA) - The Benefits they Have on Human Health and the Main Analytical Methodologies Applied to its Determination in Milk. <i>Revista Virtual De Quimica</i> , 2012, 4, .	0.1	1
83	Permanganometry for the Determination of Strontium and Strontium Ranelate in Pharmaceutical Formulation for the Treatment of Postmenopausal Osteoporosis. <i>Revista Virtual De Quimica</i> , 2015, 7, 2124-2138.	0.1	0
84	Development and Validation of Sensitive HPLC-UV-DAD Method for Determination of Diosgenin in Plants of Species of <i>Dioscorea</i> Genus. <i>Revista Virtual De Quimica</i> , 2019, 11, 1302-1317.	0.1	0