

V?ronica C Arancibia

List of Publications by Year in descending order

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65
papers

1,182
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394421

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docs citations

65
times ranked

1624
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of chromium in urine samples by complexation–supercritical fluid extraction and liquid or gas chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 785, 303-309.	2.3	78
2	Selective oxidants for organometallic compounds containing a stabilising anion of highly reactive Chemistry, 2000, 601, 126-132.	1.8	76
3	Stoichiometry and conditional stability constants of Cu(II) or Zn(II) clioquinol complexes; implications for Alzheimer's and Huntington's disease therapy. <i>NeuroToxicology</i> , 2007, 28, 445-449.	3.0	75
4	Characterization of copper in uterine fluids of patients who use the copper T-380A intrauterine device. <i>Clinica Chimica Acta</i> , 2003, 332, 69-78.	1.1	50
5	Determination of iron in water samples by adsorptive stripping voltammetry with a bismuth film electrode in the presence of 1-(2-piridylazo)-2-naphthol. <i>Talanta</i> , 2008, 75, 973-977.	5.5	50
6	Studies on quinones. Part 45: Novel 7-aminoisoquinoline-5,8-quinone derivatives with antitumor properties on cancer cell lines. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 2894-2901.	3.0	46
7	Determination of aluminium in water samples by adsorptive cathodic stripping voltammetry in the presence of pyrogallol red and a quaternary ammonium salt. <i>Talanta</i> , 2007, 73, 546-552.	5.5	44
8	Extraction of nitrofurantoin and its toxic metabolite from urine by supercritical fluids. Quantitation by high performance liquid chromatography with UV detection. <i>Talanta</i> , 2003, 61, 377-383.	5.5	38
9	Development of a microcomposite with single-walled carbon nanotubes and Nd ₂ O ₃ for determination of paracetamol in pharmaceutical dosage by adsorptive voltammetry. <i>Journal of Pharmaceutical Analysis</i> , 2019, 9, 62-69.	5.3	35
10	Determination of Sb(III) using an ex-situ bismuth screen-printed carbon electrode by adsorptive stripping voltammetry. <i>Talanta</i> , 2016, 155, 21-27.	5.5	33
11	New fluorescent turn-off probes for highly sensitive and selective detection of SO ₂ derivatives in a micellar media. <i>Sensors and Actuators B: Chemical</i> , 2017, 238, 578-587.	7.8	33
12	Nafion–mercury coated film electrode for the adsorptive stripping voltammetric determination of lead and cadmium in the presence of pyrogallol red. <i>Talanta</i> , 2012, 99, 119-124.	5.5	30
13	Determination of lead in the presence of morin-5–sulfonic acid and sodium dodecyl sulfate by adsorptive stripping voltammetry. <i>Talanta</i> , 2009, 80, 184-188.	5.5	28
14	A electrochemical biosensor for As(III) detection based on the catalytic activity of <i>Alcaligenes faecalis</i> immobilized on a gold nanoparticle–modified screen–printed carbon electrode. <i>Talanta</i> , 2021, 223, 121702.	5.5	25
15	High sensitivity adsorptive stripping voltammetric method for antimony(III) determination in the presence of quercetin-5–sulfonic acid. Substituent effect on sensitivity. <i>Sensors and Actuators B: Chemical</i> , 2013, 185, 560-567.	7.8	24
16	Simultaneous determination of Pb ²⁺ , Cd ²⁺ and Zn ²⁺ by adsorptive stripping voltammetry using Clioquinol as a chelating-adsorbent agent. <i>Journal of Electroanalytical Chemistry</i> , 2014, 729, 9-14.	3.8	24
17	Determination of Sudan I in drinks containing Sunset yellow by adsorptive stripping voltammetry. <i>Food Chemistry</i> , 2016, 212, 807-813.	8.2	24
18	Adsorptive stripping voltammetry of nickel with 1-nitroso-2-naphthol using a bismuth film electrode. <i>Talanta</i> , 2011, 85, 2316-2319.	5.5	23

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19	Adsorptive Stripping Voltammetric Determination of Amaranth and Tartrazine in Drinks and Gelatins Using a Screen-Printed Carbon Electrode. <i>Sensors</i> , 2017, 17, 2665.	3.8	21
20	Ex situ prepared nafion-coated antimony film electrode for adsorptive stripping voltammetry of model metal ions in the presence of pyrogallol red. <i>Sensors and Actuators B: Chemical</i> , 2013, 182, 368-373.	7.8	20
21	Manganese complexes with 2-hydroxy-3(3-methyl-2-butenyl)-1,4-naphthoquinone (Lapachol). Redox chemistry and spectroscopy in dimethylsulphoxide. <i>Polyhedron</i> , 1989, 8, 1407-1412.	2.2	19
22	Levels of copper in sweeteners, sugar, tea, coffee and mate infusions. Determination by adsorptive stripping voltammetry in the presence of lipoic acid. <i>Microchemical Journal</i> , 2015, 119, 11-16.	4.5	19
23	Quantitative extraction of sulfonamides in meats by supercritical methanol-modified carbon dioxide: A foray into real-world sampling. <i>Journal of Separation Science</i> , 2003, 26, 1710-1716.	2.5	17
24	Extraction of arsenic as the diethyl dithiophosphate complex with supercritical fluid and quantitation by cathodic stripping voltammetry. <i>Talanta</i> , 2006, 68, 1567-1573.	5.5	17
25	Determination of a natural (17 β -estradiol) and a synthetic (17 β -ethinylestradiol) hormones in pharmaceutical formulations and urine by adsorptive stripping voltammetry. <i>Sensors and Actuators B: Chemical</i> , 2019, 297, 126728.	7.8	17
26	Redox chemistry of 1,4-dihydroxy-9,10-anthraquinone (quinizarine) and its manganese(II) complexes in dimethylsulphoxide. <i>Polyhedron</i> , 1991, 10, 1929-1937.	2.2	16
27	Determination of Pb(II) and Cd(II) via anodic stripping voltammetry using an in-situ bismuth film electrode. Increasing the sensitivity of the method by the presence of Alizarin Red S. <i>Microchemical Journal</i> , 2020, 159, 105373.	4.5	15
28	Synthesis and electrochemical properties of p-cymene-ruthenium(II) complexes with (EPPH ₂) ₂ CHR (E ⁻ →S, Tj ETQq0.0.0 rgBT /Overlock [(1-6-MeC ₆ H ₄ Pri)Ru{(1-3-(SPPH ₂) ₂ CMe-C,S,Sa ^ε 2)]PF ₆ . <i>Inorganica Chimica Acta</i> , 1997, 255, 221-227.	2.4	14
29	Redox chemistry of 3,4-dihydroxy-2-benzoic acids, its oxidation products and their interaction with manganese(II) and manganese(III). <i>Polyhedron</i> , 1995, 14, 2933-2936.	2.2	13
30	Synthesis, Spectroscopic Characterization, and Crystal Structure of the Bimetallic Complex [Ni ₂ (1/4-CO)(CO) ₂ (1/4-NH(PPh ₂) ₂) ₂]. <i>Inorganic Chemistry</i> , 2000, 39, 1650-1654.	4.0	13
31	Dithioethers as ligands in pentamethylcyclopentadienylrhodium(III) and iridium(III) complexes. Crystal structures of [(1-5-C ₅ Me ₅)Rh] ₂ (1/4-Cl) ₂ {(1/4-(MeS) ₂ CH ₂)}(BF ₄) ₂ ·H ₂ O and [(1-5-C ₅ Me ₅)IrCl ₂ {(1-1-(PhS) ₂ CH ₂)}]. <i>Journal of Organometallic Chemistry</i> , 2001, 620, 256-262.	1.8	13
32	Synthesis, structure and properties of ruthenium(II) complexes with quinolinedione derivatives as chelate ligands: Crystal structure of [Ru(CO) ₂ Cl ₂ (6-methoxybenzo[g]quinoline-5,10-dione)]. <i>Polyhedron</i> , 2007, 26, 5527-5532.	2.2	13
33	Highly sensitive determination of vanadium (V) by catalytic adsorptive stripping voltammetry. Substituent effect on sensitivity III. <i>Sensors and Actuators B: Chemical</i> , 2016, 224, 772-779.	7.8	13
34	Simultaneous Determination of Antimony(III) and Molybdenum(VI) by Adsorptive Stripping Voltammetry Using Quercetin as Complexing Agent. <i>Electroanalysis</i> , 2013, 25, 439-447.	2.9	12
35	Adsorptive Stripping Voltammetric Determination of Morin in Tea Infusions and Chocolate Drinks on a Gold Electrode. Effect of Cetylpyridinium Bromide on the Sensitivity of the Method. <i>International Journal of Electrochemical Science</i> , 2017, , 9408-9417.	1.3	12
36	A new strategy for the modification of a carbon paste electrode with carrageenan hydrogel for a sensitive and selective determination of arsenic in natural waters. <i>Talanta</i> , 2018, 187, 259-264.	5.5	12

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37	Synthesis and characterization of [Cp*Fe-dicyclopenta(a,f)naphthalene-FeCp*] and [Cp*Fe-dicyclopenta(a,f)naphthalene-FeCp*] BF ₄ ⁻ . Journal of Organometallic Chemistry, 2001, 620, 32-38.	1.8	11
38	Synthesis, characterization and structure of diiron organometallic derivatives of 2,9-dimethyl-1,10-dihydro-dicyclopenta[a,h]naphthalene. Journal of Organometallic Chemistry, 2005, 690, 1340-1349.	1.8	11
39	Detection of SO ₂ derivatives using a new chalcone-coumarin derivative in cationic micellar media: application to real samples. RSC Advances, 2018, 8, 31261-31266.	3.6	11
40	Title is missing!. Transition Metal Chemistry, 1997, 22, 150-155.	1.4	10
41	Tris(diphenylthiophosphinoyl)methanide as tripod ligand in rhodium(III), iridium(III) and ruthenium(II) complexes. Crystal structures of [(1-5-C5Me5)Ir{1-3-(SPPH2)3C-S,Sâ€²,Sâ€³}]BF ₄ and [(1-6-MeC6H4Pri)Ru{1-3-(SPPH2)3C-S,Sâ€²,Sâ€³}]BPh ₄ . Journal of Organometallic Chemistry, 1997, 545-546, 507-517.	1.8	10
42	Supercritical fluid extraction of cadmium as Cd ²⁺ oxine complex from human hair. Analytica Chimica Acta, 2004, 502, 189-194.	5.4	10
43	Synthesis, Half-Wave Potentials and Antiproliferative Activity of 1-Aryl-substituted Aminoisoquinolinequinones. Molecules, 2014, 19, 726-739.	3.8	10
44	Development of a fast and sensitive method for the determination of As(III) at trace levels in urine by differential pulse anodic voltammetry using a simple graphene screenâ€™printed electrode. Microchemical Journal, 2020, 159, 105393.	4.5	10
45	A polarographic, voltammetric and spectroscopic study of 2-mercaptosuccinic acid and its chromium (III) complex. Analytica Chimica Acta, 1994, 298, 91-98.	5.4	9
46	Synthesis and in Vitro Antiproliferative Activity of New Phenylaminoisoquinolinequinones against Cancer Cell Lines. Molecules, 2013, 18, 721-734.	3.8	8
47	Determination of arsenic in the presence of copper by adsorptive stripping voltammetry using pyrrolidine dithiocarbamate or diethyl dithiophosphate as chelating-adsorbent agents. Effect of CPB on the sensitivity of the method. Microchemical Journal, 2016, 126, 70-75.	4.5	8
48	Stripping voltammetric determination of cadmium in sea water using a carbon paste electrode modified with alginate from brown algae. Journal of the Brazilian Chemical Society, 2010, 21, 1688-1691.	0.6	7
49	Determination of molybdenum(VI) via adsorptive stripping voltammetry using an exâ€™situ bismuth screenâ€™printed carbon electrode. Microchemical Journal, 2020, 154, 104589.	4.5	7
50	A Comparative Study of 8-Hydroxyquinoline and 8-Hydroxyquinoline-5-sulfonic Acid for Antimony(III) Determination by AdSV. Substituent Effect on Sensitivity II. Electroanalysis, 2015, 27, 1262-1267.	2.9	6
51	ANTIPROLIFERATIVE ACTIVITY OF NEW 6-BROMINE DERIVATIVES OF 7-ANILINO-1-ARYLSOQUINOLINEQUINONES. Journal of the Chilean Chemical Society, 2016, 61, 3191-3194.	1.2	6
52	Determination of Se(IV) concentration via cathodic stripping voltammetry in the presence of Cu(II) ions and ammonium diethyl dithiophosphate. Analytica Chimica Acta, 2019, 1048, 22-30.	5.4	6
53	Redox chemistry of mononuclear manganese(II), binuclear manganese(III) and binuclear mixed manganese(II)-manganese(III) complexes with 3-aminopyrazine-2-carboxylate in dimethylsulphoxide. Transition Metal Chemistry, 1995, 20, 179-184.	1.4	5
54	Fast and highly sensitive method for molybdenum(VI) determination by catalytic adsorptive stripping voltammetry. Sensors and Actuators B: Chemical, 2018, 258, 612-620.	7.8	5

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55	Redox chemistry and spectroscopy of the manganese-quinizarine-thiosalicylic acid mixed-ligand complex in aprotic medium. <i>Polyhedron</i> , 1993, 12, 1733-1738.	2.2	4
56	SYNTHESIS AND ELECTROCHEMICAL PROPERTIES OF CYCLOPENTADIENYLIRON(II) COMPLEXES WITH BIS(DIPHENYLPHOSPHINO)AMINE AS LIGAND. <i>Journal of Coordination Chemistry</i> , 2001, 54, 389-400.	2.2	3
57	Evaluation of Powdered Infant Formula Milk as Chelating Agent for Copper under Simulated Gastric Conditions of a Baby's Stomach. <i>Analytical Sciences</i> , 2006, 22, 1197-1200.	1.6	3
58	Synthesis and structural characterization of new 2-bromo-1,3-bis(triazol-1-ylmethyl)benzene ligands. Study of their behavior as complexing agents for determination of nickel(II) by adsorptive stripping voltammetry. <i>Journal of Coordination Chemistry</i> , 2013, 66, 592-601.	2.2	3
59	Voltammetric and spectroscopic studies of the behaviour of manganese(II) and manganese(III) complexes with isoquinolinecarboxylic acid in aprotic medium. <i>Polyhedron</i> , 1993, 12, 1739-1744.	2.2	2
60	Electrocomposite Developed with Chitosan and Ionic Liquids Using Screen-Printed Carbon Electrodes Useful to Detect Rutin in Tropical Fruits. <i>Sensors</i> , 2018, 18, 2934.	3.8	2
61	Zinc(II) complexes with the reduction products of 2,3-dimethoxy-1,4-naphthoquinone in dimethyl sulphoxide redox chemistry and spectroscopy. <i>Polyhedron</i> , 1993, 12, 1745-1750.	2.2	1
62	Synthesis, characterization, and electrochemical study of diiron organometallic derivatives of 2,6-dibutyl-4,8-dimethyl-1,5-dihydro- <i>s</i> -indacene. <i>Canadian Journal of Chemistry</i> , 2013, 91, 727-731.	1.1	1
63	HEXAMETHYLBENZENERUTHENIUM(II) COMPLEXES CONTAINING BIS(DIPHENYLPHOSPHINE)AMINE AND THEIR SULPHUR OR SELENIUM DERIVATIVES AS LIGANDS. <i>Journal of the Chilean Chemical Society</i> , 2000, 45, .	0.1	1
64	DETERMINATION OF PARTITION COEFFICIENT OF BENZO[b]THIOPHENES BY REVERSED-PHASE HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY. <i>Heterocyclic Communications</i> , 2005, 11, .	1.2	0
65	DI AND TRIMETALLIC PtII, PtIV COMPLEXES CONTAINING DIMETHYLPHOSPHONATE GROUPS S BRIDGING LIGANDS. <i>Journal of the Chilean Chemical Society</i> , 1999, 44, .	0.1	0