Cludio Nahum Alves

List of Publications by Year in Descending Order

126 papers	1,855 citations	24 h-index	34 g-index
143 ext. papers	2,121 ext. citations	3.2 avg, IF	4.51 L-index

#	Paper	IF	Citations
126	Structural, energetic and lipophilic analysis of SARS-CoV-2 non-structural protein 9 (NSP9). *Scientific Reports*, **2021**, 11, 23003	4.9	0
125	QM/MM Study of the Fosfomycin Resistance Mechanism Involving FosB Enzyme. *ACS Omega*, **2021**, 6, 12507-12512	3.9	0
124	Experimental and theoretical approaches for the development of 4H-Chromene derivatives as inhibitors of tyrosinase. *Molecular Simulation*, **2021**, 47, 762-770	2	0
123	Analysis of Kojic Acid Derivatives as Competitive Inhibitors of Tyrosinase: A Molecular Modeling Approach. *Molecules*, **2021**, 26,	4.8	2
122	A molecular model to study FosA enzyme inhibition. *Journal of Molecular Graphics and Modelling*, **2021**, 107, 107978	2.8	
121	Assessment of the PETase conformational changes induced by poly(ethylene terephthalate) binding. *Proteins: Structure, Function and Bioinformatics*, **2021**, 89, 1340-1352	4.2	9
120	Unraveling the conformational dynamics of glycerol 3-phosphate dehydrogenase, a nicotinamide adenine dinucleotide-dependent enzyme of. *Journal of Biomolecular Structure and Dynamics*, **2021**, 39, 2044-2055	3.6	3
119	Layered double hydroxide□ndomethacin hybrid: A promising biocompatible compound for the treatment of neuroinflammatory diseases. *Journal of Drug Delivery Science and Technology*, **2021**, 61, 102190	4.5	0
118	OBTEN□ □□ E CARACTERIZA□ □□ DE COMPLEXO DE INCLUS□ □□ DE □CICLODEXTRINA E EUGENOL / PREPARATION AND CHARACTERIZATION OF □CYCLODEXTRIN INCLUSION COMPLEX OF EUGENOL. *Brazilian Journal of Development*, **2021**, 7, 33056-33070	0	0
117	Exploring Chloride Selectivity and Halogenase Regioselectivity of the SalL Enzyme through Quantum Mechanical/Molecular Mechanical Modeling. *Journal of Chemical Information and Modeling*, **2020**, 60, 738-746	6.1	11
116	Investigation of the target-site resistance of EPSP synthase mutants P106T and T102I/P106S against glyphosate.. *RSC Advances*, **2020**, 10, 44352-44360	3.7	2
115	Facile Synthesis and Metabolic Incorporation of -DAP Bioisosteres Into Cell Walls of Live Bacteria. *ACS Chemical Biology*, **2020**, 15, 2966-2975	4.9	4
114	Evaluating the Performance of a Non-Bonded Cu Model Including Jahn-Teller Effect into the Binding of Tyrosinase Inhibitors. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	5
113	Computational Investigation of Bisphosphate Inhibitors of 3-Deoxy-d--octulosonate 8-phosphate Synthase. *Molecules*, **2019**, 24,	4.8	4
112	Theoretical study via DFT for prediction of 13C and 1H NMR data of two diterpenoids derived from the root of salvia grandifolia. *Journal of the Serbian Chemical Society*, **2019**, 84, 591-598	0.9	5
111	Exploring the Potentiality of Natural Products from Essential Oils as Inhibitors of Odorant-Binding Proteins: A Structure- and Ligand-Based Virtual Screening Approach To Find Novel Mosquito Repellents. *ACS Omega*, **2019**, 4, 22475-22486	3.9	40
110	Computational study of conformational changes in human 3-hydroxy-3-methylglutaryl coenzyme reductase induced by substrate binding. *Journal of Biomolecular Structure and Dynamics*, **2019**, 37, 4374-4383	3.6	10

109	Molecular description of α-keto-based inhibitors of cruzain with activity against Chagas disease combining 3D-QSAR studies and molecular dynamics. *Chemical Biology and Drug Design*, **2018**, 92, 1475-1487	2.9	2
108	Investigations into the flexibility of the 3D structure and rigid backbone of quinoline by fluorine addition to enhance its blue emission. *CrystEngComm*, **2018**, 20, 2316-2323	3.3	4
107	Computational analyses of interactions between ALK-5 and bioactive ligands: insights for the design of potential anticancer agents. *Journal of Biomolecular Structure and Dynamics*, **2018**, 36, 4010-4022	3.6	6
106	Synthesis, antimalarial activity in vitro, and docking studies of novel neolignan derivatives. *Chemical Biology and Drug Design*, **2017**, 90, 464-472	2.9	3
105	Inhibition of tyrosinase by 4H-chromene analogs: Synthesis, kinetic studies, and computational analysis. *Chemical Biology and Drug Design*, **2017**, 90, 804-810	2.9	11
104	Structure and analgesic properties of layered double hydroxides intercalated with low amounts of ibuprofen. *Journal of the American Ceramic Society*, **2017**, 100, 2712-2721	3.8	6
103	Investigation of conventional and non-conventional hydrogen bonds: a comparison of fluorine-substituted and non-fluorine substituted compounds. *Monatshefte Für Chemie*, **2017**, 148, 2061-2068	1.4	4
102	Unraveling the Addition-Elimination Mechanism of EPSP Synthase through Computer Modeling. *Journal of Physical Chemistry B*, **2017**, 121, 8626-8637	3.4	8
101	Mycobacterium abscessus l,d-Transpeptidases Are Susceptible to Inactivation by Carbapenems and Cephalosporins but Not Penicillins. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	33
100	Computed insight into a peptide inhibitor preventing the induced fit mechanism of MurA enzyme from Pseudomonas aeruginosa. *Chemical Biology and Drug Design*, **2017**, 89, 599-607	2.9	8
99	Targeting the cell wall of Mycobacterium tuberculosis: a molecular modeling investigation of the interaction of imipenem and meropenem with L,D-transpeptidase 2. *Journal of Biomolecular Structure and Dynamics*, **2016**, 34, 304-17	3.6	17
98	A comparative modeling and molecular docking study on Mycobacterium tuberculosis targets involved in peptidoglycan biosynthesis. *Journal of Biomolecular Structure and Dynamics*, **2016**, 34, 2399-417	3.6	21
97	A Computational Analysis of Indomethacin Derivative as Tubulin Inhibitor: Insights into Development of Chemotherapeutic Agents. *Combinatorial Chemistry and High Throughput Screening* , **2016**, 19, 431-6	1.3	2
96	Using LC and Hierarchical Cluster Analysis as Tools to Distinguish Timbó Collections into Two Deguelia Species: A Contribution to Chemotaxonomy. *Molecules*, **2016**, 21,	4.8	2
95	Exploring the origin of the catalytic power and product specificity of SET domain protein methyltransferase. *Molecular BioSystems*, **2016**, 12, 2980-3		5
94	Structural and functional features of enzymes of Mycobacterium tuberculosis peptidoglycan biosynthesis as targets for drug development. *Tuberculosis*, **2015**, 95, 95-111	2.6	47
93	Insights into the mechanism of oxidation of dihydroorotate to orotate catalysed by human class 2 dihydroorotate dehydrogenase: a QM/MM free energy study. *Physical Chemistry Chemical Physics*, **2015**, 17, 17790-6	3.6	4
92	Simulating the inhibition reaction of Mycobacterium tuberculosis L,D-transpeptidase 2 by carbapenems. *Chemical Communications*, **2015**, 51, 12560-2	5.8	16

91	Pentacycloundecane lactam vs lactone norstatine type protease HIV inhibitors: binding energy calculations and DFT study. *Journal of Biomedical Science*, **2015**, 22, 15	13.3	7
90	Virtual Screening and Molecular Dynamics Simulations from a Bank of Molecules of the Amazon Region Against Functional NS3-4A Protease-Helicase Enzyme of Hepatitis C Virus. *Applied Biochemistry and Biotechnology*, **2015**, 176, 1709-21	3.2	12
89	A QM/MM free energy study of the oxidation mechanism of dihydroorotate dehydrogenase (class 1A) from Lactococcus lactis. *Journal of Physical Chemistry B*, **2015**, 119, 1468-73	3.4	8
88	Mercury levels assessment in hair of riverside inhabitants of the Tapajˆ River, Parˆ State, Amazon, Brazil: fish consumption as a possible route of exposure. *Journal of Trace Elements in Medicine and Biology*, **2015**, 30, 66-76	4.1	38
87	Acetylcholinesterase inhibitory activity and molecular docking study of 1-nitro-2-phenylethane, the main constituent of Aniba canelilla essential oil. *Chemical Biology and Drug Design*, **2014**, 84, 192-8	2.9	13
86	Catalytic mechanism of L,D-transpeptidase 2 from Mycobacterium tuberculosis described by a computational approach: insights for the design of new antibiotics drugs. *Journal of Chemical Information and Modeling*, **2014**, 54, 2402-10	6.1	22
85	Combined kinetic studies and computational analysis on kojic acid analogous as tyrosinase inhibitors. *Molecules*, **2014**, 19, 9591-605	4.8	31
84	Antifungal activity and computational study of constituents from Piper divaricatum essential oil against Fusarium infection in black pepper. *Molecules*, **2014**, 19, 17926-42	4.8	25
83	The melatonin analog 5-MCA-NAT increases endogenous dopamine levels by binding NRH:quinone reductase enzyme in the developing chick retina. *International Journal of Developmental Neuroscience*, **2014**, 38, 119-26	2.7	7
82	Mercury speciation in hair of children in three communities of the Amazon, Brazil. *BioMed Research International*, **2014**, 2014, 945963	3	18
81	Structural analysis of viral infectivity factor of HIV type 1 and its interaction with A3G, EloC and EloB. *PLoS ONE*, **2014**, 9, e89116	3.7	16
80	Analysis of the structure of calpain-10 and its interaction with the protease inhibitor SNJ-1715. *Computers in Biology and Medicine*, **2013**, 43, 1334-40	7	3
79	Computational study of the mechanism of half-reactions in class 1A dihydroorotate dehydrogenase from Trypanosoma cruzi. *Physical Chemistry Chemical Physics*, **2013**, 15, 18863-71	3.6	7
78	Metal-dependent inhibition of HIV-1 integrase by 5CITEP inhibitor: A theoretical QM/MM approach. *Chemical Physics Letters*, **2013**, 583, 175-179	2.5	7
77	Synthesis, 2D-NMR and molecular modelling studies of pentacycloundecane lactam-peptides and peptoids as potential HIV-1 wild type C-SA protease inhibitors. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2013**, 28, 78-88	5.6	16
76	Protein-ligand interaction study of CpOGA in complex with GlcNAcstatin. *Chemical Biology and Drug Design*, **2013**, 81, 284-90	2.9	4
75	The catalytic mechanism of glyceraldehyde 3-phosphate dehydrogenase from Trypanosoma cruzi elucidated via the QM/MM approach. *Physical Chemistry Chemical Physics*, **2013**, 15, 3772-85	3.6	24
74	Impact evaluation of a pisciculture in the Tucuruˆ reservoir (Parˆ Brazil) using a two-dimensional water quality model. *Journal of Hydrology*, **2013**, 487, 1-12	6	30

73	Design and evaluation of 4-aminophenol and salicylate derivatives as free-radical scavenger. *Chemical Biology and Drug Design*, **2013**, 81, 414-9	2.9	18
72	Three-dimensional model for analysis of spatial and temporal patterns of phytoplankton in Tucuruˆ reservoir, Parˆ Brazil. *Ecological Modelling*, **2013**, 253, 28-43	3	33
71	Modelling Seagrass Biomass and Relative Nutrient Content. *Journal of Coastal Research*, **2013**, 29, 1470	0.6	5
70	Classification of Honeys from Parˆ State (Amazon Region, Brazil) Produced by Three Different Species of Bees using Chemometric Methods. *Journal of the Brazilian Chemical Society*, **2013**,	1.5	2
69	Molecular modeling of T. rangeli, T. brucei gambiense, and T. evansi sialidases in complex with the DANA inhibitor. *Chemical Biology and Drug Design*, **2012**, 80, 114-20	2.9	10
68	Protein gand interaction of T. cruzi trans-sialidase inhibitors: a docking and QM/MM MD study. *Structural Chemistry*, **2012**, 23, 147-152	1.8	6
67	Homology modeling, molecular dynamics and QM/MM study of the regulatory protein PhoP from Corynebacterium pseudotuberculosis. *Journal of Molecular Modeling*, **2012**, 18, 1219-27	2	7
66	Application of Aqai Stalks as Biosorbents for the Removal of the Dye Procion Blue MX-R from Aqueous Solution. *Separation Science and Technology*, **2012**, 47, 513-526	2.5	72
65	Azo-hydrazo conversion via [1,5]-hydrogen shifts. A combined experimental and theoretical study. *Tetrahedron*, **2012**, 68, 6902-6907	2.4	7
64	Computational analysis of human OGA structure in complex with PUGNAc and NAG-thiazoline derivatives. *Journal of Chemical Information and Modeling*, **2012**, 52, 2775-83	6.1	17
63	Structure modeling of a metalloendopeptidase from Corynebacterium pseudotuberculosis. *Computers in Biology and Medicine*, **2012**, 42, 538-41	7	2
62	Application of Mangifera indica (mango) seeds as a biosorbent for removal of Victazol Orange 3R dye from aqueous solution and study of the biosorption mechanism. *Chemical Engineering Journal*, **2012**, 209, 577-588	14.7	92
61	ˆ idos fenˆ icos, flavonoides e atividade antioxidante em mˆ ls de Melipona fasciculata, M. flavolineata (Apidae, Meliponini) e Apis mellifera (Apidae, Apini) da Amazˆ ia. *Quimica Nova*, **2012**, 35, 1728-1732	1.6	15
60	Diversity and three-dimensional structures of the alpha Mcr of the methanogenic Archaea from the anoxic region of Tucuruˆ Lake, in Eastern Brazilian Amazonia. *Genetics and Molecular Biology*, **2012**, 35, 126-33	2	2
59	Insights for design of Trypanosoma cruzi GAPDH inhibitors: A QM/MM MD study of 1,3-bisphospo-D-glyceric acid analogs. *International Journal of Quantum Chemistry*, **2012**, 112, 3398-3402	2.1	14
58	Ab Initio correlated all electron Dirac-Fock calculations for eka-francium fluoride (E119F). *Journal of the Brazilian Chemical Society*, **2012**, 23, 1104-1113	1.5	8
57	Kojic acid, a secondary metabolite from Aspergillus sp., acts as an inducer of macrophage activation. *Cell Biology International*, **2011**, 35, 335-43	4.5	30
56	Enzyme molecular mechanism as a starting point to design new inhibitors: a theoretical study of O-GlcNAcase. *Journal of Physical Chemistry B*, **2011**, 115, 6764-75	3.4	21

55	Structure of dihydrochalcones and related derivatives and their scavenging and antioxidant activity against oxygen and nitrogen radical species. *Molecules*, **2011**, 16, 1749-60	4.8	43
54	Biotransformation of chalcones by the endophytic fungus Aspergillus flavus isolated from Paspalum maritimum trin. *Journal of the Brazilian Chemical Society*, **2011**, 22, 1333-1338	1.5	23
53	Structural and Electronic Properties of Dipyridamole and Derivatives. *Journal of Computational and Theoretical Nanoscience*, **2011**, 8, 69-73	0.3	2
52	Assessment of surface water in two Amazonian rivers impacted by industrial wastewater, Barcarena City, Par? State (Brazil). *Journal of the Brazilian Chemical Society*, **2011**, 22, 1493-1504	1.5	8
51	A theoretical study of the molecular mechanism of the GAPDH Trypanosoma cruzi enzyme involving iodoacetate inhibitor. *Chemical Physics Letters*, **2011**, 514, 336-340	2.5	9
50	Variability in essential oil composition of Piper dilatatum L.C. Rich. *Biochemical Systematics and Ecology*, **2011**, 39, 669-675	1.4	31
49	Computational analysis of aspartic protease plasmepsin II complexed with EH58 inhibitor: a QM/MM MD study. *Journal of Molecular Modeling*, **2011**, 17, 2631-8	2	8
48	A theoretical study of salicylate oxidation for ADME prediction. *Medicinal Chemistry Research*, **2011**, 20, 269-273	2.2	5
47	The Role of Short-Range Disorder in BaWO4 Crystals in the Intense Green Photoluminescence. *Journal of Physical Chemistry C*, **2011**, 115, 12180-12186	3.8	21
46	A quantum mechanical/molecular mechanical study of the aspartic protease plasmepsin IV complexed with allophenylnorstatine-based inhibitor. *Chemical Physics Letters*, **2011**, 509, 169-174	2.5	5
45	Identification of (-)(E)-N-[2(S)-Hydroxy-2-(4-hydroxyphenyl) ethyl]ferulamide, a natural product isolated from Croton pullei: theoretical and experimental analysis. *International Journal of Molecular Sciences*, **2011**, 12, 9389-403	6.3	3
44	Synthesis, X-ray crystal structure and theoretical calculations of antileishmanial neolignan analogues. *Journal of the Brazilian Chemical Society*, **2010**, 21, 1825-1837	1.5	3
43	Composi? ?o qu? mica e valor nutricional para grandes herb? voros das folhas e frutos de aninga (Montrichardia linifera, Araceae). *Acta Amazonica*, **2010**, 40, 729-736	0.8	9
42	Isolation, X-ray crystal structure and theoretical calculations of the new compound 8-Eepicordatin and identification of others terpenes and steroids from the bark and leaves of Croton palanostigma Klotzsch. *Journal of the Brazilian Chemical Society*, **2010**, 21, 731-739	1.5	7
41	Biotransformation of sucrose into 5-hydroxy-2-hydroxymethyl-?pirone by Aspergillus flavus. *Anais Da Academia Brasileira De Ciencias*, **2010**, 82, 569-76	1.4	3
40	Quantum mechanical/molecular mechanical molecular dynamics simulation of wild-type and seven mutants of CpNagJ in complex with PUGNAc. *Journal of Physical Chemistry B*, **2010**, 114, 7029-36	3.4	15
39	A Theoretical Study for Oxidative Metabolism of Acetaminophen. *Journal of Computational and Theoretical Nanoscience*, **2010**, 7, 1968-1972	0.3	3
38	Levels of As, Cd, Pb and Hg found in the hair from people living in Altamira, Par? ?Brazil: environmental implications in the Belo Monte area. *Journal of the Brazilian Chemical Society*, **2009**, 20,	1.5	4

37	Essential oil composition of Croton palanostigma Klotzsch from north Brazil. *Journal of the Brazilian Chemical Society*, **2009**, 20, 1188-1192	1.5	7
36	A QM/MM study of the reaction mechanism for the 3?-processing step catalyzed by HIV-1 integrase. *Computational and Theoretical Chemistry*, **2009**, 898, 115-120		7
35	A quantum mechanic/molecular mechanic study of the wild-type and N155S mutant HIV-1 integrase complexed with diketo acid. *Biophysical Journal*, **2008**, 94, 2443-51	2.9	22
34	A quantum mechanics/molecular mechanics study of the protein-ligand interaction of two potent inhibitors of human O-GlcNAcase: PUGNAc and NAG-thiazoline. *Journal of Physical Chemistry B*, **2008**, 112, 14260-6	3.4	24
33	Crystal structure and theoretical calculations of Julocrotine, a natural product with antileishmanial activity. *International Journal of Quantum Chemistry*, **2008**, 108, 513-520	2.1	9
32	Crystal structure and theoretical study of IR and 1H and 13C NMR spectra of cordatin, a natural product with antiulcerogenic activity. *International Journal of Quantum Chemistry*, **2008**, 108, 2564-2575	2.1	10
31	A combined X-ray and theoretical study of flavonoid compounds with anti-inflammatory activity. *Computational and Theoretical Chemistry*, **2008**, 862, 16-20		10
30	A quantum mechanics/molecular mechanics study of the protein-ligand interaction for inhibitors of HIV-1 integrase. *Chemistry - A European Journal*, **2007**, 13, 7715-24	4.8	36
29	Calculation of binding energy using BLYP/MM for the HIV-1 integrase complexed with the S-1360 and two analogues. *Bioorganic and Medicinal Chemistry*, **2007**, 15, 3818-24	3.4	17
28	A theoretical study of phenolic compounds with antioxidant properties. *European Journal of Medicinal Chemistry*, **2007**, 42, 440-6	6.8	40
27	Density functional theory study of metabolic derivatives of the oxidation of paracetamol. *International Journal of Quantum Chemistry*, **2006**, 106, 2617-2623	2.1	30
26	Theoretical and experimental study of aparisthman: A natural product with anti-ulcer activity. *International Journal of Quantum Chemistry*, **2006**, 106, 2706-2713	2.1	8
25	A density functional study of flavonoid compounds with anti-HIV activity. *European Journal of Medicinal Chemistry*, **2006**, 41, 616-23	6.8	37
24	Structure-activity relationship study of flavone compounds with anti-HIV-1 integrase activity: a density functional theory study. *Bioorganic and Medicinal Chemistry*, **2006**, 14, 7105-12	3.4	38
23	A DFT study of the Diels–Alder reaction between methyl acrolein derivatives and cyclopentadiene. Understanding the effects of Lewis acids catalysts based on sulfur containing boron heterocycles. *Tetrahedron*, **2006**, 62, 5502-5509	2.4	35
22	A QSAR study of 8.O.4?-neolignans with antifungal activity. *Computational and Theoretical Chemistry*, **2004**, 672, 215-219		17
21	A DFT study for paracetamol and 3,5-disubstituted analogues. *Computational and Theoretical Chemistry*, **2004**, 673, 93-97		31
20	A study on the anti-HIV activity of biflavonoid compounds by using quantum chemical and chemometric methods. *Computational and Theoretical Chemistry*, **2004**, 674, 191-197		4

19	A semi-empirical study of biflavonoid compounds with biological activity against tuberculosis. *Computational and Theoretical Chemistry*, **2004**, 676, 83-87		4
18	A density functional theory study on the molecular mechanism of the cycloaddition between (E)-methyl cinnamate and cyclopentadiene. *Chemical Physics*, **2004**, 306, 35-41	2.3	5
17	A study of neolignan compounds with biological activity against Paracoccidioides brasiliensis by using quantum chemical and chemometric methods. *Journal of the Brazilian Chemical Society*, **2003**, 14, 809-814	1.5	12
16	Theoretical study on the stereochemistry of intramolecular hetero Diels?Alder cycloaddition reactions of azoalkenes. *International Journal of Quantum Chemistry*, **2003**, 95, 133-136	2.1	4
15	A Structure-Activity Relationship (SAR) Study of Neolignan Compounds with Anti-schistosomiasis Activity. *Journal of the Brazilian Chemical Society*, **2002**, 13, 300-307	1.5	17
14	A quantum chemical and statistical study of biflavonoid compounds with anti-HIV activity. *Computational and Theoretical Chemistry*, **2002**, 577, 187-195		5
13	A DFT Study of the Molecular Mechanisms of the Diels?Alder Reaction between Cyclopentadiene and 3-Phenyl-1-(2-pyridyl)-2-propen-1-one ? Role of the Zn2+ Lewis Acid Catalyst and Water Solvent. *European Journal of Organic Chemistry*, **2002**, 2002, 2557	3.2	16
12	A structure?activity relationship (SAR) study of synthetic neolignans and related compounds with biological activity against Escherichia coli. *Computational and Theoretical Chemistry*, **2002**, 583, 105-116		18
11	An AM1 theoretical study on the effect of Zn2+ Lewis acid catalysis on the mechanism of the cycloaddition between 3-phenyl-1-(2-pyridyl)-2-propen-1-one and cyclopentadiene. *Tetrahedron*, **2002**, 58, 2695-2700	2.4	14
10	A study on the effect of Lewis acid catalysis on the molecular mechanism of the cycloaddition between (E)-methyl cinnamate and cyclopentadiene. *Tetrahedron*, **2001**, 57, 6877-6883	2.4	9
9	Theoretical calculations on dipyridamole structure allow to explain experimental properties associated to electrochemical oxidation and protonation. *Chemical Physics Letters*, **2001**, 349, 146-152	2.5	13
8	A theoretical study of the intramolecular hetero Diels?Alder cycloaddition reactions of azoalkenes. *Computational and Theoretical Chemistry*, **2001**, 535, 165-169		13
7	A multiple linear regression and partial least squares study of flavonoid compounds with anti-HIV activity. *Computational and Theoretical Chemistry*, **2001**, 541, 81-88		21
6	A structure?activity relationship study of HEPT-analog compounds with anti-HIV activity. *Computational and Theoretical Chemistry*, **2000**, 530, 39-47		22
5	Mercury contamination in fish from Santar^ m, Par^ ?brazil. *Environmental Research*, **2000**, 83, 117-22	7.9	42
4	Evaluation of total mercury concentrations in fish consumed in the municipality of Itaituba, Tapaj^ s River Basin, Par^ ?Brazil. *Science of the Total Environment*, **2000**, 261, 1-8	10.2	40
3	Determination of total mercury in workers?urine in gold shops of Itaituba, Par^ ?State, Brazil. *Science of the Total Environment*, **2000**, 261, 169-76	10.2	11
2	A quantum chemical and statistical study of flavonoid compounds with anti-HIV activity. *Computational and Theoretical Chemistry*, **1999**, 491, 123-131		22

1	Structure-Activity Relationship of Compounds which are Anti-Schistosomiasis Active. *Journal of the Brazilian Chemical Society*, **1998**, 9, 577-582	1.5	15