

Vera R L Constantino

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Fe(III)-Based Layered Double Hydroxides Carrying Model Naproxenate Anions: Compositional and Structural Aspects. <i>ChemistrySelect</i> , 2022, 7, .	0.7	4
2	Innovative membrane containing iron-based layered double hydroxide intercalated with phyto therapeutic diterpenoid. <i>Applied Clay Science</i> , 2022, 216, 106358.	2.6	1
3	Folic Acid and Sodium Folate Salts: Thermal Behavior and Spectroscopic (IR, Raman, and Solid-state) Tj ETQq1 1 0.784314 rgBT /Over 2022, 273, 120981.	2.0	5
4	Anti-Inflammatory and Analgesic Evaluation of a Phytochemical Intercalated into Layered Double Hydroxide. <i>Pharmaceutics</i> , 2022, 14, 934.	2.0	5
5	Exfoliation of carboxymethylcellulose-intercalated layered double hydroxide in water. <i>Applied Clay Science</i> , 2021, 205, 106005.	2.6	4
6	Investigation about iron(III) incorporation into layered double hydroxides: Compositional and structural properties of Mg ₂ FeyAl(1- <i>y</i>)(OH) ₆ -Cl and Zn ₂ FeyAl(1- <i>y</i>)(OH) ₆ -Cl. <i>Journal of Alloys and Compounds</i> , 2021, 886, 161184.	2.8	6
7	Polymer/Iron-Based Layered Double Hydroxides as Multifunctional Wound Dressings. <i>Pharmaceutics</i> , 2020, 12, 1130.	2.0	13
8	Plant growth regulation by seed coating with films of alginate and auxin-intercalated layered double hydroxides. <i>Beilstein Journal of Nanotechnology</i> , 2020, 11, 1082-1091.	1.5	11
9	Thermal decomposition of a layered double hydroxide as a bottom up approach for the synthesis of metallic nanoparticles embedded in carbon structures. <i>New Journal of Chemistry</i> , 2020, 44, 16721-16732.	1.4	5
10	Cobalt-based layered double hydroxides revisited: evidence for oxidizing radical generation. <i>New Journal of Chemistry</i> , 2020, 44, 10022-10032.	1.4	3
11	Sustainability from intercalation compounds. <i>New Journal of Chemistry</i> , 2020, 44, 9955-9956.	1.4	0
12	Yb ³⁺ /Er ³⁺ co-doped Dionâ€“Jacobson niobium layered perovskites as NIR-to-green upconversion materials. <i>New Journal of Chemistry</i> , 2020, 44, 10165-10171.	1.4	4
13	New insights into two ciprofloxacin-intercalated arrangements for layered double hydroxide carrier materials. <i>New Journal of Chemistry</i> , 2020, 44, 10076-10086.	1.4	12
14	A dispersive solid phase extraction-based method for chromium(<i>vi</i>) analysis using a Zn- <i>Al</i> layered double hydroxide intercalated with <i>L</i> -aspartic acid as a dissolvable adsorbent. <i>New Journal of Chemistry</i> , 2020, 44, 10087-10094.	1.4	12
15	Phytochemical species intercalated into layered double hydroxides: structural investigation and biocompatibility assays. <i>New Journal of Chemistry</i> , 2020, 44, 10011-10021.	1.4	9
16	Design of 3D multi-layered electrospun membranes embedding iron-based layered double hydroxide for drug storage and control of sustained release. <i>European Polymer Journal</i> , 2020, 131, 109675.	2.6	23
17	Theoretical UV-Vis spectra of tetracationic porphyrin: effects of environment on electronic spectral properties. <i>Journal of Molecular Modeling</i> , 2019, 25, 264.	0.8	5
18	Determination of chromium (VI) by dispersive solid-phase extraction using dissolvable Zn- <i>Al</i> layered double hydroxide intercalated with <i>L</i> -Alanine as adsorbent. <i>Microchemical Journal</i> , 2019, 146, 650-657.	2.3	37

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19	Investigation of Thermal Behavior of Layered Double Hydroxides Intercalated with Carboxymethylcellulose Aiming Bio-Carbon Based Nanocomposites. <i>ChemEngineering</i> , 2019, 3, 55.	1.0	15
20	Layered Double Hydroxides Are Promising Nanomaterials for Tissue Bioengineering Application. <i>Advanced Biology</i> , 2019, 3, 1800238.	3.0	13
21	Biochar from carrot residues chemically modified with magnesium for removing phosphorus from aqueous solution. <i>Journal of Cleaner Production</i> , 2019, 222, 36-46.	4.6	63
22	Heat-damaged evaluation of virgin hair. <i>Journal of Cosmetic Dermatology</i> , 2019, 18, 1885-1892.	0.8	12
23	Hybrid Ni Al layered double hydroxide: Characterization and in situ synchrotron XRD and vibrational spectroscopic studies under high-pressure. <i>Applied Clay Science</i> , 2019, 174, 152-158.	2.6	5
24	Inorganic-organic bio-nanocomposite films based on Laponite and Cellulose Nanofibers (CNF). <i>Applied Clay Science</i> , 2019, 168, 428-435.	2.6	39
25	Adsorption of gallic acid on nanoclay modified with poly(diallyldimethylammonium chloride). <i>Environmental Science and Pollution Research</i> , 2019, 26, 28444-28454.	2.7	25
26	Sonic hedgehog drives layered double hydroxides-induced acute inflammatory landscape. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 174, 467-475.	2.5	9
27	Adsorption of Dicamba herbicide onto a carbon replica obtained from a layered double hydroxide. <i>Dalton Transactions</i> , 2018, 47, 3119-3127.	1.6	10
28	Mg-Al and Zn-Al Layered Double Hydroxides Promote Dynamic Expression of Marker Genes in Osteogenic Differentiation by Modulating Mitogen-Activated Protein Kinases. <i>Advanced Healthcare Materials</i> , 2018, 7, 1700693.	3.9	46
29	Probing the Indigo Molecule in Maya Blue Simulants with Resonance Raman Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2018, 122, 11505-11515.	1.5	16
30	Probing the chemical reactivity of interfaces: Investigation on the interaction of dehydroindigo with Laponite by UV-vis, Raman and infrared spectroscopy. <i>Vibrational Spectroscopy</i> , 2018, 94, 83-88.	1.2	5
31	Ternary nanocomposites of reduced graphene oxide, polyaniline and hexaniobate: hierarchical architecture and high polaron formation. <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 2936-2946.	1.5	7
32	Iron-Based Layered Double Hydroxide Implants: Potential Drug Delivery Carriers with Tissue Biointegration Promotion and Blood Microcirculation Preservation. <i>ACS Omega</i> , 2018, 3, 18263-18274.	1.6	36
33	New organic-inorganic hybrid composites based on cellulose nanofibers and modified Laponite. <i>Advanced Optical Technologies</i> , 2018, 7, 327-334.	0.9	4
34	Adsorption of Acid Yellow 42 dye on calcined layered double hydroxide: Effect of time, concentration, pH and temperature. <i>Applied Clay Science</i> , 2017, 140, 132-139.	2.6	113
35	Layered Double Hydroxides: New Technology in Phosphate Fertilizers Based on Nanostructured Materials. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 399-409.	3.2	112
36	LAPONITE®-pilocarpine hybrid material: experimental and theoretical evaluation of pilocarpine conformation. <i>RSC Advances</i> , 2017, 7, 27290-27298.	1.7	26

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37	Nanocomposites Based on Cassava Starch and Chitosan-Modified Clay: Physico-Mechanical Properties and Biodegradability in Simulated Compost Soil. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	7
38	Ethanolysis and Methanolysis of Soybean and Macauba Oils Catalyzed by Mixed Oxide Ca-Al from Hydrocalumite for Biodiesel Production. <i>Energy & Fuels</i> , 2016, 30, 6662-6670.	2.5	17
39	Assessing the biocompatibility of layered double hydroxide by intramuscular implantation: histological and microcirculation evaluation. <i>Scientific Reports</i> , 2016, 6, 30547.	1.6	71
40	Modified drug release system based on Sulindac and layered double hydroxide: An in vivo Raman investigation. <i>Vibrational Spectroscopy</i> , 2016, 87, 60-66.	1.2	15
41	Simultaneous determination of acetaminophen and tyrosine using a glassy carbon electrode modified with a tetra-ruthenated cobalt(II) porphyrin intercalated into a smectite clay. <i>Mikrochimica Acta</i> , 2016, 183, 3243-3253.	2.5	24
42	Mesoporous carbon derived from a biopolymer and a clay: Preparation, characterization and application for an organochlorine pesticide adsorption. <i>Microporous and Mesoporous Materials</i> , 2016, 225, 342-354.	2.2	41
43	Layered double hydroxide and sulindac coiled and scrolled nanoassemblies for storage and drug release. <i>RSC Advances</i> , 2016, 6, 16419-16436.	1.7	45
44	Delivery system for mefenamic acid based on the nanocarrier layered double hydroxide: Physicochemical characterization and evaluation of anti-inflammatory and antinociceptive potential. <i>Materials Science and Engineering C</i> , 2016, 58, 629-638.	3.8	42
45	Transparent organic-inorganic nanocomposites membranes based on carboxymethylcellulose and synthetic clay. <i>Industrial Crops and Products</i> , 2015, 69, 415-423.	2.5	27
46	Bacterial Cellulose as a Template for Preparation of Hydrotalcite-Like Compounds. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	7
47	Probing the local environment of hybrid materials designed from ionic liquids and synthetic clay by Raman spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 122, 469-475.	2.0	20
48	Hybrid materials of polyaniline and acidic hexaniobate nanoscrolls: high polaron formation and improved thermal properties. <i>Journal of Materials Chemistry A</i> , 2014, 2, 8205-8214.	5.2	18
49	Mefenamic Acid Anti-Inflammatory Drug: Probing Its Polymorphs by Vibrational (IR and Raman) and Solid-State NMR Spectroscopies. <i>Journal of Physical Chemistry B</i> , 2014, 118, 4333-4344.	1.2	38
50	Removal of Acid Green 68:1 from aqueous solutions by calcined and uncalcined layered double hydroxides. <i>Applied Clay Science</i> , 2013, 80-81, 189-195.	2.6	58
51	Desferrioxamine-cadmium as a "Trojan horse" for the delivery of Cd to bacteria and fungi. <i>Journal of Trace Elements in Medicine and Biology</i> , 2013, 27, 103-108.	1.5	11
52	Removal of Sodium Dodecylbenzenesulphonate and Cetyltrimethylammonium Bromide Using a Carbon Composite Derived from Modified Zn-Al-Layered Double Hydroxide. <i>Adsorption Science and Technology</i> , 2013, 31, 711-728.	1.5	4
53	Bionanocomposites of Cassava Starch and Synthetic Clay. <i>Journal of Carbohydrate Chemistry</i> , 2013, 32, 483-501.	0.4	7
54	Industrial Scale Isolation, Structural and Spectroscopic Characterization of Epiisopiloturine from <i>Pilocarpus microphyllus</i> Stapf Leaves: A Promising Alkaloid against Schistosomiasis. <i>PLoS ONE</i> , 2013, 8, e66702.	1.1	23

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55	Biopolymer-Clay Nanocomposites: Cassava Starch and Synthetic Clay Cast Films. Journal of the Brazilian Chemical Society, 2013, , .	0.6	9
56	Hybrid Materials Based on Smectite Clays and Nutraceutical Anthocyanins from the AÃ§aÃ-Fruit. European Journal of Inorganic Chemistry, 2012, 2012, 5411-5420.	1.0	29
57	Spectroscopic, morphological and electrochromic characterization of layer-by-layer hybrid films of polyaniline and hexaniobate nanoscrolls. Journal of Materials Chemistry, 2012, 22, 14052.	6.7	54
58	Structural, Spectroscopic (NMR, IR, and Raman), and DFT Investigation of the Self-Assembled Nanostructure of Pravastatin-LDH (Layered Double Hydroxides) Systems. Chemistry of Materials, 2012, 24, 1415-1425.	3.2	66
59	Spectroscopic Study on the Structural Differences of Thermally Induced Cross-Linking Segments in Emeraldine Salt and Base Forms of Polyaniline. Journal of Physical Chemistry B, 2012, 116, 14191-14200.	1.2	24
60	Influence of the relative amounts of crystalline and amorphous phases on the mechanical properties of polyamideâ6 nanocomposites. Journal of Applied Polymer Science, 2012, 125, 3239-3249.	1.3	12
61	Raman spectroscopy and DFT calculations of para-coumaric acid and its deprotonated species. Vibrational Spectroscopy, 2012, 58, 139-145.	1.2	14
62	Characterization of the products of aniline peroxydisulfate oligo/polymerization in media with different pH by resonance Raman spectroscopy at 413.1 and 1064 nm excitation wavelengths. Journal of Raman Spectroscopy, 2011, 42, 1653-1659.	1.2	27
63	Bacterial celluloseâlaponite clay nanocomposites. Polymer, 2011, 52, 157-163.	1.8	67
64	Spectroscopic characterization of schiff base-copper complexes immobilized in smectite clays. Quimica Nova, 2010, 33, 2135-2142.	0.3	5
65	Chemical modification of niobium layered oxide by tetraalkylammonium intercalation. Journal of the Brazilian Chemical Society, 2010, 21, 1366-1376.	0.6	18
66	Intralaminar structural modifications related to the proton exchanging in K4Nb6O17 layered phase. Journal of Physics and Chemistry of Solids, 2010, 71, 560-564.	1.9	30
67	Iron oxyhydroxide nanostructured in montmorillonite clays: Preparation and characterization. Journal of Colloid and Interface Science, 2010, 349, 49-55.	5.0	29
68	HidrÃ³xidos duplos lamelares: nanopartÃ­culas inorgÃ¢nicas para armazenamento e liberaÃ§Ã£o de espÃ©cies de interesse biolÃ³gico e terapÃ©utico. Quimica Nova, 2010, 33, 159-171.	0.3	48
69	Layer-by-Layer Hybrid Films of Polyaniline and Hexaniobate Nanosheets Characterized by Resonance Raman Spectroscopy. , 2010, , .		0
70	Extraction and concentration of biogenic calcium oxalate from plant leaves. Revista Brasileira De Ciencia Do Solo, 2009, 33, 729-733.	0.5	11
71	Lithium Ion Electro-Insertion and Spectroelectrochemical Properties of Films from Hexaniobate. Journal of Physical Chemistry C, 2009, 113, 10868-10876.	1.5	9
72	Spectroscopic investigation of the interactions between emeraldine base polyaniline and Eu(III) ions. Synthetic Metals, 2009, 159, 377-384.	2.1	13

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73	A hybrid material assembled by anthocyanins from açai-fruit intercalated between niobium lamellar oxide. Dalton Transactions, 2009, , 4136.	1.6	13
74	Layered niobate nanosheets: building blocks for advanced materials assembly. Journal of Materials Chemistry, 2009, 19, 2512.	6.7	190
75	Oxidation of anilinium ions intercalated in montmorillonite clay by electrochemical route. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 318, 245-253.	2.3	18
76	A Penalty Method to Model Particle Interactions in DNA-Laden Flows. Journal of Nanoscience and Nanotechnology, 2008, 8, 3749-3756.	0.9	21
77	An Atomistically Enriched Continuum Model for Nanoscale Contact Mechanics and Its Application to Contact Scaling. Journal of Nanoscience and Nanotechnology, 2008, 8, 3757-3773.	0.9	27
78	Polyaniline/Layered Zirconium Phosphate Nanocomposites: Secondary-Like Doped Polyaniline Obtained by the Layer-by-Layer Technique. Journal of Nanoscience and Nanotechnology, 2008, 8, 1782-1789.	0.9	7
79	Polyaniline/layered zirconium phosphate nanocomposites: secondary-like doped polyaniline obtained by the layer-by-layer technique. Journal of Nanoscience and Nanotechnology, 2008, 8, 1782-9.	0.9	2
80	Studies on the Interaction of Emeraldine Base Polyaniline with Cu(II), Fe(III), and Zn(II) Ions in Solutions and Films. Macromolecules, 2007, 40, 3204-3212.	2.2	67
81	Niobium Oxide Mesophases Obtained by Self-Assembly of an Aqueous Soluble Niobium Complex Precursor and Organic Templates. European Journal of Inorganic Chemistry, 2007, 2007, 579-584.	1.0	5
82	Exfoliation of layered hexaniobate in tetra(n-butyl)ammonium hydroxide aqueous solution. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2007, 295, 123-129.	2.3	28
83	Evidences for decarbonation and exfoliation of layered double hydroxide in N,N-dimethylformamide-ethanol solvent mixture. Journal of Solid State Chemistry, 2007, 180, 1967-1976.	1.4	45
84	Evaluation of Hexaniobate Nanoscrolls as Support for Immobilization of a Copper Complex Catalyst. Inorganic Chemistry, 2006, 45, 6214-6221.	1.9	21
85	Spectroscopic characterization of polyaniline doped with transition metal salts. Synthetic Metals, 2006, 156, 654-663.	2.1	105
86	Cull hydroxy salts: characterization of layered compounds by vibrational spectroscopy. Journal of the Brazilian Chemical Society, 2006, 17, 1651-1657.	0.6	66
87	Aspectos estruturais relacionados ao processo de troca iônica no niobato lamelar K4Nb6O17. Quimica Nova, 2006, 29, 1215-1220.	0.3	6
88	Benzidine oxidation on cationic clay surfaces in aqueous suspension monitored by in situ resonance Raman spectroscopy. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2006, 289, 39-46.	2.3	19
89	Spectroscopic characterization of polyaniline formed in the presence of montmorillonite clay. Polymer, 2006, 47, 6131-6139.	1.8	78
90	Porphyrin inclusion into hexaniobate nanoscrolls. Microporous and Mesoporous Materials, 2005, 83, 212-218.	2.2	27

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91	Synthesis and Characterization of Magnesium-Aluminum Layered Double Hydroxides Containing (Tetrasulfonated porphyrin)cobalt. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 1577-1584.	1.0	42
92	Immobilization of Ibuprofen and Copper-Ibuprofen Drugs on Layered Double Hydroxides. <i>Journal of Pharmaceutical Sciences</i> , 2005, 94, 1135-1148.	1.6	95
93	Mg-Al hydrotalcite-like compounds containing iron-phthalocyanine complex: effect of aluminum substitution on the complex adsorption features and catalytic activity. <i>Applied Clay Science</i> , 2005, 28, 147-158.	2.6	50
94	Spectroscopic Characterization of Polyaniline Formed by Using Copper(II) in Homogeneous and MCM-41 Molecular Sieve Media. <i>Journal of Physical Chemistry B</i> , 2005, 109, 22131-22140.	1.2	45
95	Clay-porphyrin systems: spectroscopic evidence of TMPyP Protonation, non-planar distortion and meso substituent rotation. <i>Clays and Clay Minerals</i> , 2005, 53, 361-371.	0.6	25
96	Structural aspects and thermal behavior of the proton-exchanged layered niobate K4Nb6O17. <i>Materials Research Bulletin</i> , 2004, 39, 1729-1736.	2.7	50
97	Layered H2K2Nb6O17 exfoliation promoted by n-butylamine. <i>Materials Research Bulletin</i> , 2004, 39, 1811-1820.	2.7	34
98	Spectroscopic Characterization of Doped Poly(benzidine) and Its Nanocomposite with Cationic Clay. <i>Journal of Physical Chemistry B</i> , 2004, 108, 5564-5571.	1.2	45
99	Aniline Polymerization into Montmorillonite Clay: A Spectroscopic Investigation of the Intercalated Conducting Polymer. <i>Macromolecules</i> , 2004, 37, 9373-9385.	2.2	161
100	Preparaç~ao de compostos de alum~nio a partir da bauxita: consideraç~oes sobre alguns aspectos envolvidos em um experimento did~atico. <i>Quimica Nova</i> , 2002, 25, 490.	0.3	16
101	Spectroscopic Characterization of a New Type of Conducting Polymer~Clay Nanocomposite. <i>Macromolecules</i> , 2002, 35, 7535-7537.	2.2	103
102	Porphyrin intercalation into a layered niobate derived from K4Nb6O17. <i>Journal of Materials Science</i> , 2002, 37, 265-270.	1.7	41
103	Title is missing!. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2002, 42, 15-23.	1.6	31
104	Spectroscopic Studies on the Interaction of Tetramethylpyridylporphyrins and Cationic Clays. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2000, 38, 251-266.	1.6	34
105	Intercalation compounds involving inorganic layered structures. <i>Anais Da Academia Brasileira De Ciencias</i> , 2000, 72, 45-50.	0.3	20
106	Luminescence properties of the layered niobate KCa2Nb3O10 doped with Eu3+ and La3+ ions. <i>Journal of Alloys and Compounds</i> , 2000, 311, 159-168.	2.8	57
107	Title is missing!. <i>Journal of Materials Science Letters</i> , 1999, 18, 643-646.	0.5	27
108	Structure, spectroscopy and electrochemistry of the bis(2,2'-bipyridine)(salicylato)ruthenium(II) complex. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 1735-1740.	1.1	17

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109	UV Raman microscopy of porphyrins immobilized in inorganic matrices. , 1999, , 185-186.		0
110	Raman microspectroscopy of phthalocyanine intercalates: tetrasulphonated cobalt and nickel phthalocyanines in layered double hydroxide. Journal of Raman Spectroscopy, 1998, 29, 103-108.	1.2	18
111	Photoluminescence study of layered niobates intercalated with Eu ³⁺ ions. Journal of Alloys and Compounds, 1998, 278, 142-148.	2.8	52
112	New polyol route to keggin ion-pillared layered double hydroxides. Microporous Materials, 1995, 4, 21-29.	1.6	31
113	Synthesis and Catalytic Properties of Silicate-Intercalated Layered Double Hydroxides Formed by Intragallery Hydrolysis of Tetraethylorthosilicate. Clays and Clay Minerals, 1995, 43, 503-510.	0.6	31
114	Organic chemical conversions catalyzed by intercalated layered double hydroxides (LDHs). Applied Clay Science, 1995, 10, 117-129.	2.6	43
115	Basic Properties of Mg _{2+1-x} Al _{3+x} Layered Double Hydroxides Intercalated by Carbonate, Hydroxide, Chloride, and Sulfate Anions. Inorganic Chemistry, 1995, 34, 883-892.	1.9	594
116	Spectroscopic and electrochemical studies on (2-hydroxypicolinate)-bis(2,2'-bipyridine)ruthenium(II) and related complexes. Transition Metal Chemistry, 1994, 19, 103-107.	0.7	15
117	Structure-reactivity relationships for basic catalysts derived from a Mg ₂₊ /Al ₃₊ /CO ₃ ? layered double hydroxide. Catalysis Letters, 1994, 23, 361-367.	1.4	128
118	Use of the transform method in the interpretation of the Raman excitation profiles of a bichromophoric system. Journal of Raman Spectroscopy, 1993, 24, 431-434.	1.2	9
119	Resonance Raman spectra of tris(violurate)ruthenium(II) and of mixed (violurate)bis(2,2'-bipyridine)ruthenium(II) complexes. Journal of Raman Spectroscopy, 1992, 23, 629-632.	1.2	14
120	Photoreduction of NbV in aqueous solutions of α -hydroxycarboxylic acids. Journal of Photochemistry and Photobiology A: Chemistry, 1988, 44, 361-365.	2.0	2
121	Intercalation of Apocarotenoids from Annatto (Bixa orellana L.) into Layered Double Hydroxides. Journal of the Brazilian Chemical Society, 0, , .	0.6	0