

Luiz Alberto B. Moraes

List of Publications by Year in descending order

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113
papers

2,533
citations

172457

29
h-index

265206

42
g-index

115
all docs

115
docs citations

115
times ranked

3488
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical characterization of Brazilian propolis using automated direct thermal desorption-gas chromatography-mass spectrometry. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 4345-4354.	3.5	10
2	Targeted analysis of eicosanoids derived from cytochrome P450 pathway by high-resolution multiple reaction monitoring mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2021, 56, e4769.	1.6	3
3	Enzymatic Pretreatment with Laccases from <i>Lentinus sajor-caju</i> Induces Structural Modification in Lignin and Enhances the Digestibility of Tropical Forage Grass (<i>Panicum maximum</i>) Crown under Future Climate Conditions. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9445.	4.1	10
4	Tandem mass spectrometry methods to accelerate the identification of phytotoxic metabolites produced by <i>Streptomyces</i> sp. 39 PL. <i>Natural Product Research</i> , 2020, 34, 210-216.	1.8	2
5	Extraction of carotenoid-rich palm pressed fiber oil using mixtures of hydrocarbons and short chain alcohols. <i>Food Research International</i> , 2020, 128, 108810.	6.2	11
6	Actinobacteria from Antarctica as a source for anticancer discovery. <i>Scientific Reports</i> , 2020, 10, 13870.	3.3	38
7	Plasma Eicosanoid Profile in <i>Plasmodium vivax</i> Malaria: Clinical Analysis and Impacts of Self-Medication. <i>Frontiers in Immunology</i> , 2019, 10, 2141.	4.8	9
8	Solid phase microextraction as a powerful alternative for screening of secondary metabolites in actinomycetes. <i>Journal of Mass Spectrometry</i> , 2019, 54, 823-833.	1.6	3
9	Pradimicin-IRD exhibits antineoplastic effects by inducing DNA damage in colon cancer cells. <i>Biochemical Pharmacology</i> , 2019, 168, 38-47.	4.4	11
10	Microbial Diversity and Chemical Multiplicity of Culturable, Taxonomically Similar Bacterial Symbionts of the Leaf-Cutting Ant <i>Acromyrmex coronatus</i> . <i>Microbial Ecology</i> , 2019, 77, 1067-1081.	2.8	4
11	<i>Williamsia aurantiacus</i> sp. nov. a novel actinobacterium producer of antimicrobial compounds isolated from the marine sponge. <i>Archives of Microbiology</i> , 2019, 201, 691-698.	2.2	14
12	Characterization of Casearin X Metabolism by Rat and Human Liver Microsomes. <i>Planta Medica</i> , 2019, 85, 282-291.	1.3	4
13	Pradimicin-IRD from <i>Amycolatopsis</i> sp. IRD-009 and its antimicrobial and cytotoxic activities. <i>Natural Product Research</i> , 2019, 33, 1713-1720.	1.8	15
14	Diketopiperazines and arylethylamides produced by <i>Schizophyllum commune</i> , an endophytic fungus in <i>Alchornea glandulosa</i> . <i>Eletica Quimica</i> , 2019, 44, 36-42.	0.5	4
15	High-resolution multiple reaction monitoring method for quantification of steroidal hormones in plasma. <i>Journal of Mass Spectrometry</i> , 2018, 53, 423-431.	1.6	23
16	GH11 xylanase from <i>Aspergillus tamarii</i> Kita: Purification by one-step chromatography and xylooligosaccharides hydrolysis monitored in real-time by mass spectrometry. <i>International Journal of Biological Macromolecules</i> , 2018, 108, 291-299.	7.5	38
17	Anthocyanidins structural study using positive electrospray ionization triple quadrupole mass spectrometry and H/D exchange. <i>Journal of Mass Spectrometry</i> , 2018, 53, 1230-1237.	1.6	3
18	Bioguided isolation, characterization and media optimization for production of Lysolipins by actinomycete as antimicrobial compound against <i>Xanthomonas citri</i> subsp. <i>citri</i> . <i>Molecular Biology Reports</i> , 2018, 45, 2455-2467.	2.3	8

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19	Characterization and mapping of secondary metabolites of <i>Streptomyces</i> sp. from caatinga by desorption electrospray ionization mass spectrometry (DESI-MS). <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 7135-7144.	3.7	16
20	Venturi Electrospray Ionization: Principles and Applications. <i>International Journal of Mass Spectrometry</i> , 2018, 431, 50-55.	1.5	6
21	Pressurized liquid extraction of flavanols and alkaloids from cocoa bean shell using ethanol as solvent. <i>Food Research International</i> , 2018, 114, 20-29.	6.2	83
22	Antimicrobial activity of crude extracts from actinomycetes against mastitis pathogens. <i>Journal of Dairy Science</i> , 2018, 101, 10116-10125.	3.4	12
23	Comprehensive high-resolution multiple-reaction monitoring mass spectrometry for targeted eicosanoid assays. <i>Scientific Data</i> , 2018, 5, 180167.	5.3	27
24	Dose-response effect of crude extracts produced by actinobacteria on in vitro rumen fermentation. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 2018, 55, e141243.	0.2	1
25	Apigenin-7-O-glucoside oxidation catalyzed by P450-bioinspired systems. <i>Journal of Inorganic Biochemistry</i> , 2017, 170, 117-124.	3.5	9
26	Nitrate decreases xanthine oxidoreductase-mediated nitrite reductase activity and attenuates vascular and blood pressure responses to nitrite. <i>Redox Biology</i> , 2017, 12, 291-299.	9.0	25
27	Solubility of commercial octacosanol in organic solvents and their correlation by thermodynamic models at different temperatures. <i>Journal of Chemical Thermodynamics</i> , 2017, 110, 186-192.	2.0	11
28	Toxicological and behavioral responses as a tool to assess the effects of natural and synthetic dyes on zebrafish early life. <i>Chemosphere</i> , 2017, 178, 282-290.	8.2	48
29	“Hole-catalyzed” cycloadditions of the gaseous ionized nitrile N-oxides Ph-C N+O and CH ₃ C N+O with model dipolarophiles. <i>International Journal of Mass Spectrometry</i> , 2017, 418, 24-29.	1.5	0
30	On the solvent and counter ion-free mechanism of ketalization reactions of gaseous activated carbonyls. <i>International Journal of Mass Spectrometry</i> , 2017, 421, 170-177.	1.5	1
31	Development of a validated ultra-high-performance liquid chromatography tandem mass spectrometry method for determination of acid diterpenes in <i>Copaifera oleoresins</i> . <i>Journal of Chromatography A</i> , 2017, 1515, 81-90.	3.7	34
32	Tapping the biotechnological potential of insect microbial symbionts: new insecticidal porphyrins. <i>BMC Microbiology</i> , 2017, 17, 143.	3.3	9
33	Degradation of textile dyes by cyanobacteria. <i>Brazilian Journal of Microbiology</i> , 2017, 48, 25-31.	2.0	133
34	Engineering the GH1 β -glucosidase from <i>Humicola insolens</i> : Insights on the stimulation of activity by glucose and xylose. <i>PLoS ONE</i> , 2017, 12, e0188254.	2.5	22
35	<i>Saccharopolyspora spongiae</i> sp. nov., a novel actinomycete isolated from the marine sponge <i>Scopalina ruetzleri</i> (Wiedenmayer, 1977). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 2019-2025.	1.7	14
36	The gut microbiota of insecticide-resistant insects houses insecticide-degrading bacteria: A potential source for biotechnological exploitation. <i>PLoS ONE</i> , 2017, 12, e0174754.	2.5	125

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37	Determination of Levetiracetam in Human Plasma by Dispersive Liquid-Liquid Microextraction Followed by Gas Chromatography-Mass Spectrometry. <i>Journal of Analytical Methods in Chemistry</i> , 2016, 2016, 1-12.	1.6	9
38	Mass spectrometric approaches for the identification of anthracycline analogs produced by actinobacteria. <i>Journal of Mass Spectrometry</i> , 2016, 51, 437-445.	1.6	10
39	A novel thermostable and halotolerant xylanase from <i>Colletotrichum graminicola</i> . <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 133, S508-S517.	1.8	19
40	Plasma eicosanoid profiles determined by high-performance liquid chromatography coupled with tandem mass spectrometry in stimulated peripheral blood from healthy individuals and sickle cell anemia patients in treatment. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 3613-3623.	3.7	26
41	Direct Analysis of Amphetamine Stimulants in a Whole Urine Sample by Atmospheric Solids Analysis Probe Tandem Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 944-947.	2.8	22
42	<i>Streptomyces atlanticus</i> sp. nov., a novel actinomycete isolated from marine sponge <i>Aplysina fulva</i> (Pallas, 1766). <i>Antonie Van Leeuwenhoek</i> , 2016, 109, 1467-1474.	1.7	17
43	DNA-EB in agarose gel assay: a simple methodology in the search for DNA-binders in crude extracts from actinomycetes. <i>Analytical Methods</i> , 2016, 8, 2653-2659.	2.7	2
44	Production and chemical characterization of pigments in filamentous fungi. <i>Microbiology (United Kingdom)</i> , 2016, 152, 1863-1873.	1.8	63
45	Versatility of tandem mass spectrometry for focused analysis of oxylipids. <i>Journal of Mass Spectrometry</i> , 2015, 50, 879-890.	1.6	12
46	Erythropoietin Exacerbates Inflammation and Increases the Mortality of <i>Histoplasma capsulatum</i> -Infected Mice. <i>Mediators of Inflammation</i> , 2015, 2015, 1-11.	3.0	7
47	Enhanced xyloglucan-specific endo-1,4-glucanase efficiency in an engineered CBM44-XegA chimera. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 5095-5107.	3.6	25
48	Immunomodulatory action of <i>Copaifera</i> spp oleoresins on cytokine production by human monocytes. <i>Biomedicine and Pharmacotherapy</i> , 2015, 70, 12-18.	5.6	30
49	<i>Amycolatopsis rhabdoformis</i> sp. nov., an actinomycete isolated from a tropical forest soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 1786-1793.	1.7	8
50	Simultaneous determination of amino acids and neurotransmitters in plasma samples from schizophrenic patients by hydrophilic interaction liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2015, 38, 780-787.	2.5	37
51	Novel binuclear μ -oxo diruthenium complexes combined with ibuprofen and ketoprofen: Interaction with relevant target biomolecules and anti-allergic potential. <i>Journal of Inorganic Biochemistry</i> , 2015, 153, 178-185.	3.5	12
52	Liquid chromatography-tandem mass spectrometry characterization of five new leucinostatins produced by <i>Paecilomyces lilacinus</i> CGA 189. <i>Journal of Antibiotics</i> , 2015, 68, 178-184.	2.0	17
53	Jacobsen Catalyst as a Cytochrome P450 Biomimetic Model for the Metabolism of Monensin A. <i>BioMed Research International</i> , 2014, 2014, 1-8.	1.9	7
54	<i>Streptomyces araujoniae</i> Produces a Multi-antibiotic Complex with Ionophoric Properties to Control <i>Botrytis cinerea</i> . <i>Phytopathology</i> , 2014, 104, 1298-1305.	2.2	23

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55	Albocycline, the main bioactive compound from <i>Propionicimonas</i> sp. ENT-18 against <i>Sclerotinia sclerotiorum</i> . <i>Industrial Crops and Products</i> , 2014, 52, 264-268.	5.2	11
56	<i>In vitro</i> metabolism of monensin A: microbial and human liver microsomes models. <i>Xenobiotica</i> , 2014, 44, 326-335.	1.1	12
57	Dereplication of <i>Streptomyces</i> sp. AMC 23 polyether ionophore antibiotics by accurate-mass electrospray tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2014, 49, 1117-1126.	1.6	17
58	Inhibition of inflammatory response in LPS induced macrophages by 9-KOTE and 13-KOTE produced by biotransformation. <i>Enzyme and Microbial Technology</i> , 2014, 58-59, 36-43.	3.2	2
59	Bioassay-Guided Isolation of a Low Molecular Weight PHB from <i>Burkholderia</i> sp. with Phytotoxic Activity. <i>Applied Biochemistry and Biotechnology</i> , 2013, 170, 1689-1701.	2.9	3
60	Biomimetic oxidation studies of monensin A catalyzed by metalloporphyrins: Identification of hydroxyl derivative product by electrospray tandem mass spectrometry. <i>Revista Brasileira De Farmacognosia</i> , 2013, 23, 621-629.	1.4	6
61	Isolation and Characterization of Phytotoxic Compounds Produced by <i>Streptomyces</i> sp. AMC 23 from Red Mangrove (<i>Rhizophora mangle</i>). <i>Applied Biochemistry and Biotechnology</i> , 2013, 171, 1602-1616.	2.9	16
62	Effects of the antimycobacterial compound 2-phenoxy-1-phenylethanone on rat hepatocytes and formation of metabolites. <i>Pharmaceutical Biology</i> , 2012, 50, 1317-1325.	2.9	0
63	Decolorization of textile dyes by cyanobacteria. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 1863-1870.	0.6	12
64	Metalloporphyrins as cytochrome P450 models for chlorhexidine metabolite prediction. <i>Applied Catalysis A: General</i> , 2012, 447-448, 7-13.	4.3	2
65	Non-ribosomal peptides produced by Brazilian cyanobacterial isolates with antimicrobial activity. <i>Microbiological Research</i> , 2011, 166, 161-175.	5.3	81
66	Biomimetic simazine oxidation catalyzed by metalloporphyrins. <i>Applied Catalysis A: General</i> , 2011, 408, 163-170.	4.3	11
67	Supercritical fluid extracts from the Brazilian cherry (<i>Eugenia uniflora</i> L.): Relationship between the extracted compounds and the characteristic flavour intensity of the fruit. <i>Food Chemistry</i> , 2011, 124, 85-92.	8.2	42
68	Purification and characterization of a thermostable α -amylase produced by the fungus <i>Paecilomyces variotii</i> . <i>Carbohydrate Research</i> , 2010, 345, 2348-2353.	2.3	60
69	Bioreduction of β -carboline imines to amines employing <i>Saccharomyces bayanus</i> . <i>Tetrahedron: Asymmetry</i> , 2010, 21, 1988-1992.	1.8	31
70	Characterization of lipopeptides from <i>Paenibacillus</i> sp. (IIRAC30) suppressing <i>Rhizoctonia solani</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2010, 26, 2241-2247.	3.6	35
71	Characterization of a microcystin and detection of microcystin synthetase genes from a Brazilian isolate of <i>Nostoc</i> . <i>Toxicon</i> , 2010, 55, 846-854.	1.6	29
72	Hepatotoxin microcystin-LR extraction optimization. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 535-542.	0.6	23

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73	Microcystin production by a freshwater spring cyanobacterium of the genus Fischerella. <i>Toxicon</i> , 2009, 53, 754-761.	1.6	56
74	Antifungal compound produced by the cassava endophyte <i>Bacillus pumilus</i> MAIIM4a. <i>Scientia Agricola</i> , 2009, 66, 583-592.	1.2	57
75	Effect of a highly concentrated lipopeptide extract of <i>Bacillus subtilis</i> on fungal and bacterial cells. <i>Archives of Microbiology</i> , 2008, 190, 611-622.	2.2	66
76	Purification and biochemical characterization of a thermostable extracellular glucoamylase produced by the thermotolerant fungus <i>Paecilomyces variotii</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2008, 35, 17-25.	3.0	47
77	The use of electrospray ionization tandem mass spectrometry on the structural characterization of novel asymmetric metallo-organic supermolecules, based on pentafluorophenylporphyrins and ruthenium complexes. <i>Polyhedron</i> , 2008, 27, 2721-2729.	2.2	9
78	Ironporphyrin immobilized onto montmorillonite as a biomimetic model for azo dye oxidation. <i>International Biodeterioration and Biodegradation</i> , 2008, 61, 337-344.	3.9	36
79	<i>Streptomyces</i> sp. ASBV-1 reduces aflatoxin accumulation by <i>Aspergillus parasiticus</i> in peanut grains. <i>Journal of Applied Microbiology</i> , 2008, 105, 2153-2160.	3.1	50
80	Cyclam L^4 to L^3 Ligand Denticity Change Upon Mono-N-Substitution with a Carboxypropyl Pendant Arm in a Ruthenium Nitrosyl Complex. <i>Inorganic Chemistry</i> , 2008, 47, 4118-4125.	4.0	13
81	Recognition of Cyclic, Acyclic, Exocyclic, and Spiro Acetals via Structurally Diagnostic Ion/Molecule Reactions with the $(\text{CH}_3)_2\text{N-C}^+\text{-O}^-$ Acylium Ion. <i>Journal of Organic Chemistry</i> , 2008, 73, 5549-5557.	3.2	2
82	Intrinsic Gas-Phase Reactivity of Ionized 6-(Oxomethylene)cyclohexa-2,4-dienone: Evidence Pointing to Its Neutral L^{\pm} -Oxoketene Counterpart as a Proper Precursor of Various Benzopyran-4-ones and Analogues. <i>Journal of Organic Chemistry</i> , 2007, 72, 5986-5993.	3.2	6
83	Metalloporphyrins as Biomimetic Models for Cytochrome P-450 in the Oxidation of Atrazine. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 10011-10018.	5.2	15
84	Absolute configuration assignment of ortho, meta, or para isomers by mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2005, 16, 431-436.	2.8	32
85	Validated method for determination of bromopride in human plasma by liquid chromatography-electrospray tandem mass spectrometry: application to the bioequivalence study. <i>Journal of Mass Spectrometry</i> , 2005, 40, 1197-1202.	1.6	7
86	Screening of organic nitrate explosives: selective ion/molecule reactions for the diagnostic ion NO_2^+ . <i>Journal of Mass Spectrometry</i> , 2005, 40, 1506-1508.	1.6	9
87	Development and validation of a selective and robust LC-MS/MS method for quantifying amlodipine in human plasma. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 382, 1049-1054.	3.7	34
88	Quantitation of isomeric ethyl pyridine mixtures by multivariate calibration applied to ion-molecule reaction/collision-induced dissociation triple-stage mass spectra. <i>Talanta</i> , 2003, 60, 37-44.	5.5	8
89	Gas phase chemistry of the 2-tert-butyl-3-phenylphosphirenylium cation: novel onium ions by nucleophilic attack at phosphorus and de novo P-spiro bicyclic phosphonium ions via $[4 + 2+]$ cycloaddition with dienes. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 395-400.	2.8	13
90	Mannich-Type Reactions in the Gas-Phase: The Addition of Enol Silanes to Cyclic N-Acyliminium Ions. <i>Journal of Organic Chemistry</i> , 2002, 67, 4652-4658.	3.2	29

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91	Direct sampling tandem mass spectrometry (MS/MS) and multiway calibration for isomer quantitation. <i>Analyst, The</i> , 2002, 127, 1054-1060.	3.5	26
92	Structurally diagnostic ion-molecule reactions: acylium ions with α -, β - and γ -hydroxy ketones. <i>Journal of Mass Spectrometry</i> , 2002, 37, 162-168.	1.6	22
93	Intrinsic Gas-Phase Electrophilic Reactivity of Cyclic N-Alkyl- and N-Acyliminium Ions. <i>Journal of Organic Chemistry</i> , 2001, 66, 3854-3864.	3.2	39
94	Gas-Phase Synthesis and Characterization of an Azaphosphirenium Ion: The First N,P-Analogue of the Aromatic Cyclopropenyl Cation. <i>Organometallics</i> , 2001, 20, 4863-4868.	2.3	12
95	Cyclization of acylium ions with nitriles: gas-phase synthesis and characterization of 1,3,5-oxadiazinium ions. <i>International Journal of Mass Spectrometry</i> , 2001, 212, 445-454.	1.5	22
96	Transacetalization with gaseous carboxonium and carbosulfonium ions. <i>Journal of the American Society for Mass Spectrometry</i> , 2001, 12, 14-22.	2.8	19
97	Ketalization of gaseous acylium ions. <i>Journal of the American Society for Mass Spectrometry</i> , 2001, 12, 150-162.	2.8	35
98	Electron ionization mass spectra of bis-1,2,4-oxadiazoles: tandem mass spectrometry and accurate mass measurements. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 884-888.	1.5	3
99	Multivariate curve resolution applied to MS/MS data obtained from isomeric mixtures. <i>Analytica Chimica Acta</i> , 2001, 446, 493-500.	5.4	9
100	The Gas-Phase Meerwein Reaction. <i>Chemistry - A European Journal</i> , 2000, 6, 897-905.	3.3	26
101	C-prenylflavonoids from roots of <i>Tephrosia tunicata</i> . <i>Phytochemistry</i> , 2000, 55, 799-804.	2.9	50
102	Acyclic distonic acylium ions: Dual free radical and acylium ion reactivity in a single molecule. <i>Journal of the American Society for Mass Spectrometry</i> , 2000, 11, 697-704.	2.8	19
103	The First Nonclassical Distonic Ion. <i>Journal of the American Chemical Society</i> , 2000, 122, 7776-7780.	13.7	16
104	A new method for the selective quantitation of cyanogenic glycosides by membrane introduction mass spectrometry. <i>Analyst, The</i> , 2000, 125, 1529-1531.	3.5	15
105	Gas-phase chemistry of acylium ions. Seven-to-five ring contraction of 1,3-dioxepane and 1,3-dioxep-5-ene. <i>Journal of Mass Spectrometry</i> , 1999, 34, 670-676.	1.6	12
106	Dehydrobenzoyl Cations: Distonic Ions with Dual Free Radical and Acylium Ion Reactivity. <i>Journal of the American Chemical Society</i> , 1998, 120, 11136-11143.	13.7	33
107	Oxygen Atom Transfer to Positive Ions: A Novel Reaction of Ozone in the Gas Phase. <i>Journal of the American Chemical Society</i> , 1998, 120, 7869-7874.	13.7	17
108	The Simplest Azabutadienes in Their N-Protonated Forms. Generation, Stability, and Cycloaddition Reactivity in the Gas Phase. <i>Journal of Organic Chemistry</i> , 1998, 63, 4889-4897.	3.2	26

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109	Transacetalization of 1,3-dioxane with acylium and sulfinyl cations in the gas phase. Journal of the Chemical Society Perkin Transactions II, 1997, , 2105-2111.	0.9	17
110	Transacetalization with Acylium Ions. A Structurally Diagnostic Ion/Molecule Reaction for Cyclic Acetals and Ketals in the Gas Phase. Journal of Organic Chemistry, 1997, 62, 5096-5103.	3.2	58
111	On the structure of the m/z 70 ions from N-H- and N-Br-succinimide: O=C=N=C=O+?. Journal of Mass Spectrometry, 1997, 32, 1137-1139.	1.6	6
112	Novel Ketalization Reaction of Acylium Ions with Diols and Analogues in the Gas Phase. Journal of Organic Chemistry, 1996, 61, 8726-8727.	3.2	37
113	In vitro evaluation of novel crude extracts produced by actinobacteria for modulation of ruminal fermentation. Revista Brasileira De Zootecnia, 0, 48, .	0.8	0