

Leonardo S Santos

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

150
papers

3,770
citations

32
h-index

55
g-index

181
ext. papers

4,133
ext. citations

4.3
avg, IF

5.46
L-index

#	Paper	IF	Citations
150	TCCA-mediated oxidative rearrangement of tetrahydro- β -carbolines: facile access to spirooxindoles and the total synthesis of (-)-coerulescine and (-)-horsfiline.. <i>RSC Advances</i> , 2021 , 11, 16537-16546	3.7	4
149	Salivary proteome of aphthous stomatitis reveals the participation of vitamin metabolism, nutrients, and bacteria. <i>Scientific Reports</i> , 2021 , 11, 15646	4.9	1
148	Comparison of Chilean honeys through MALDI-TOF-MS profiling and evaluation of their antioxidant and antibacterial potential. <i>Annals of Agricultural Sciences</i> , 2021 , 66, 152-161	6.4	0
147	Development of eco-friendly polyurethane foams based on <i>Lesquerella fendleri</i> (A. Grey) oil-based polyol. <i>European Polymer Journal</i> , 2020 , 128, 109606	5.2	7
146	Novel lipophilic analogues from 2,4-D and Propanil herbicides: Biological activity and kinetic studies. <i>Chemistry and Physics of Lipids</i> , 2020 , 231, 104947	3.7	0
145	Copper (II) as catalyst for intramolecular cyclization and oxidation of (1,4-phenylene)bisguanidines to benzodiiimidazole-diylidenes. <i>Journal of Catalysis</i> , 2020 , 382, 150-154	7.3	2
144	A combined approach of MALDI-TOF mass spectrometry and multivariate analysis as a potential tool for the detection of SARS-CoV-2 virus in nasopharyngeal swabs. <i>Journal of Virological Methods</i> , 2020 , 286, 113991	2.6	27
143	Bifunctional thiosquaramide catalyzed asymmetric reduction of dihydro- β -carbolines and enantioselective synthesis of (-)-coerulescine and (-)-horsfiline by oxidative rearrangement.. <i>RSC Advances</i> , 2020 , 10, 38672-38677	3.7	4
142	RID: Evaluation of the Possible Inhibiting Effect of the Proinflammatory Signaling Induced by TNF- α through NF- κ B and AP-1 in Two Cell Lines of Breast Cancer. <i>Mediators of Inflammation</i> , 2020 , 2020, 2707635 ⁴⁻³	4.3	3
141	Detection of SARS-CoV-2 in nasal swabs using MALDI-MS. <i>Nature Biotechnology</i> , 2020 , 38, 1168-1173	44.5	90
140	Mechanistic study of the competitiveness between branched and linear polyethylene production on N-arylcyanodiketiminato nickel hydride. <i>Polymer Chemistry</i> , 2020 , 11, 6640-6649	4.9	1
139	Simple approach for cleaning up 2,4,6-trichloroanisole from alcoholic-beverage-reconstituted solutions using polymeric materials. <i>Australian Journal of Grape and Wine Research</i> , 2019 , 25, 327-337	2.4	3
138	Preparation of Hydrogel/Silver Nanohybrids Mediated by Tunable-Size Silver Nanoparticles for Potential Antibacterial Applications. <i>Polymers</i> , 2019 , 11,	4.5	20
137	Ru(II)-Catalyzed Regioselective Hydroxymethylation of β -Carbolines and Isoquinolines via C-H Functionalization: Probing the Mechanism by Online ESI-MS/MS Screening. <i>Journal of Organic Chemistry</i> , 2019 , 84, 5504-5513	4.2	18
136	Comparison of the Oxidative Stability and Antioxidant Activity of Extra-Virgin Olive Oil and Oils Extracted from Seeds of and Under Normal Conditions and After Thermal Treatment. <i>Antioxidants</i> , 2019 , 8,	7.1	7
135	Substitution effects of NaCl by KCl and CaCl on Lipolysis of Salted Meat. <i>Foods</i> , 2019 , 8,	4.9	20
134	Intermolecular stabilization in new 2-iminopyridine derivatives complexes of Pd(II) and their reactivity towards alkenes. <i>Journal of Organometallic Chemistry</i> , 2018 , 863, 21-29	2.3	2

133	Selective and Efficient Arsenic Recovery from Water through Quaternary Amino-Functionalized Silica. <i>Polymers</i> , 2018 , 10,	4.5	3
132	Inhibition of IL-2 Production by Novel Small Molecules using Building Blocks from Reduced Chalcones and a Substituted Proline. <i>Current Drug Therapy</i> , 2018 , 13, 130-139	0.7	
131	Synthesis of New 1,2,3-Triazolo-naphthalimide/phthalimide Conjugates via Click Reaction: DNA Intercalation and Cytotoxic Studies. <i>Journal of the Brazilian Chemical Society</i> , 2018 ,	1.5	2
130	Rational Development of a Novel Hydrogel as a pH-Sensitive Controlled Release System for Nifedipine. <i>Polymers</i> , 2018 , 10,	4.5	11
129	Novel Alkylimidazolium Ionic Liquids as an Antibacterial Alternative to Pathogens of the Skin and Soft Tissue Infections. <i>Molecules</i> , 2018 , 23,	4.8	30
128	MALDI coupled to modified traveling wave ion mobility mass spectrometry for fast enantiomeric determination. <i>Journal of Mass Spectrometry</i> , 2018 , 53, 693-699	2.2	3
127	Polyaniline Based Materials as a Method to Eliminate Haloanisoles in Spirits Beverages. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 8308-8318	3.9	4
126	Study of specific interactions in inclusion complexes of amine-terminated PAMAM dendrimer/flavonoids by experimental and computational methods. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2017 , 66, 485-494	3	4
125	On-bead MALDI-MS monitoring of solid-supported N-acyliminium ion reactions. <i>Journal of Mass Spectrometry</i> , 2017 , 52, 254-258	2.2	1
124	Fast detection of pathogens in salmon farming industry. <i>Aquaculture</i> , 2017 , 470, 17-24	4.4	15
123	Ros Wine Fining Using Polyvinylpolypyrrolidone: Colorimetry, Targeted Polyphenomics, and Molecular Dynamics Simulations. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 10591-10597	5.7	19
122	Fast detection of <i>Listeria monocytogenes</i> through a nanohybrid quantum dot complex. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 5359-5371	4.4	9
121	Polymer-supported (-)-8-phenylmenthyl Auxiliary as an Effective Solidphase Chiral Inductor in the Addition of Nucleophiles to N-acyliminium Ions. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2017 , 20, 696-702	1.3	3
120	Relationship between oxidative stability and antioxidant activity of oil extracted from the peel of <i>Mauritia flexuosa</i> fruits. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016 , 123, 2173-2178	4.1	18
119	Fast detection of <i>Piscirickettsia salmonis</i> in <i>Salmo salar</i> serum through MALDI-TOF-MS profiling. <i>Journal of Mass Spectrometry</i> , 2016 , 51, 200-6	2.2	5
118	TBAI/TBHP-catalyzed [3 + 2]cycloaddition/oxidation/aromatization cascade and online ESI-MS mechanistic studies: synthesis of pyrrolo[2,1-a]isoquinolines and indolizino[8,7-b]indoles. <i>RSC Advances</i> , 2016 , 6, 2671-2677	3.7	37
117	New Multicomponent Reaction for the Direct Synthesis of Aryl Nitroesters Promoted by Hydrotalcite-Derived Mixed Oxides as Heterogeneous Catalyst. <i>Journal of the Brazilian Chemical Society</i> , 2016 ,	1.5	3
116	Effect of Sulfamic Acid on 1,3-Dipolar Cycloaddition Reaction: Mechanistic Studies and Synthesis of 4-Aryl-NH-1,2,3-triazoles from Nitroolefins. <i>Journal of the Brazilian Chemical Society</i> , 2016 ,	1.5	4

115	New polymer for removal of wine phenolics: Poly(N-(3-(N-isobutyrylisobutyramido)-3-oxopropyl)acrylamide) (P-NIOA). <i>Food Chemistry</i> , 2016 , 213, 554-560	8.5	4
114	Pamam built-on-silicon wafer thin-layer extraction devices for selective metal contamination detection. <i>Tetrahedron Letters</i> , 2016 , 57, 2468-2473	2	9
113	A new multicomponent reaction for direct synthesis of primary Ehitroamides. <i>RSC Advances</i> , 2016 , 6, 98427-98433	3.7	3
112	Photophysical studies of the interactions of poly(amidoamine) generation zero (PAMAM G0) with copper and zinc ions. <i>Journal of Luminescence</i> , 2015 , 164, 23-30	3.8	5
111	Investigation of Lysine-Functionalized Dendrimers as Dichlorvos Detoxification Agents. <i>Biomacromolecules</i> , 2015 , 16, 3434-44	6.9	14
110	Experimental and theoretical binding affinity between polyvinylpolypyrrolidone and selected phenolic compounds from food matrices. <i>Food Chemistry</i> , 2015 , 168, 464-70	8.5	21
109	Synthesis and characterization of an insoluble polymer based on polyamidoamine: applications for the decontamination of metals in aqueous systems. <i>Journal of Environmental Management</i> , 2015 , 147, 321-9	7.9	10
108	In Vivo Nanodetoxication for Acute Uranium Exposure. <i>Molecules</i> , 2015 , 20, 11017-33	4.8	2
107	Removal of 4-Ethylphenol and 4-Ethylguaiaicol with Polyaniline-Based Compounds in Wine-Like Model Solutions and Red Wine. <i>Molecules</i> , 2015 , 20, 14312-25	4.8	8
106	Chemotaxonomic Fingerprinting of Chilean Lichens Through Maldi and Electrospray Ionization Mass Spectrometry. <i>Brazilian Archives of Biology and Technology</i> , 2015 , 58, 244-253	1.8	5
105	Correlating experimental electrochemistry and theoretical calculations in 2'-hydroxy chalcones: the role of the intramolecular hydrogen bond. <i>RSC Advances</i> , 2015 , 5, 50929-50937	3.7	6
104	Lewis Acid Enhanced Ethene Dimerization and Alkene IsomerizationESI-MS Identification of the Catalytically Active Pyridyldimethoxybenzimidazole Nickel(II) Hydride Species. <i>ACS Catalysis</i> , 2015 , 5, 7338-7342	13.1	24
103	Natural AD-Like Neuropathology in Octodon degus: Impaired Burrowing and Neuroinflammation. <i>Current Alzheimer Research</i> , 2015 , 12, 314-22	3	16
102	Heterocyclic Curcumin Derivatives of Pharmacological Interest: Recent Progress. <i>Current Topics in Medicinal Chemistry</i> , 2015 , 15, 1663-72	3	12
101	Nano-Detoxification of Organophosphate Agents by PAMAM Derivatives. <i>Journal of the Brazilian Chemical Society</i> , 2015 ,	1.5	7
100	pH-dependent nano-capturing of tartaric acid using dendrimers. <i>Soft Matter</i> , 2014 , 10, 600-8	3.6	6
99	In situ and in silico evaluation of amine- and folate-terminated dendrimers as nanocarriers of anesthetics. <i>European Journal of Medicinal Chemistry</i> , 2014 , 73, 250-7	6.8	15
98	The binding of 4-ethylguaiaicol with polyaniline-based materials in wines. <i>Food Chemistry</i> , 2014 , 159, 486-93	8.3	10

97	Intramolecular hydrogen bond in biologically active o-carbonyl hydroquinones. <i>Molecules</i> , 2014 , 19, 9354-9368	4.8	23
96	Production and characterization of surface-active compounds from <i>Gordonia amicalis</i> . <i>Brazilian Archives of Biology and Technology</i> , 2014 , 57, 138-144	1.8	9
95	Computational study of the complexation of metals ions with poly(amidoamine) PAMAM G0 dendrimers. <i>Chemical Physics Letters</i> , 2014 , 616-617, 171-177	2.5	15
94	Asymmetric total synthesis of Tofacitinib. <i>Tetrahedron Letters</i> , 2013 , 54, 5096-5098	2	14
93	PAMAM dendrimer derivatives as a potential drug for antithrombotic therapy. <i>European Journal of Medicinal Chemistry</i> , 2013 , 69, 601-8	6.8	30
92	Stereoselective bioreduction of β -carboline imines through cell-free extracts from earthworms (<i>Eisenia Foetida</i>). <i>Tetrahedron: Asymmetry</i> , 2013 , 24, 440-443		12
91	Effect of tomato industrial processing on phenolic profile and antiplatelet activity. <i>Molecules</i> , 2013 , 18, 11526-36	4.8	32
90	Recent developments of chiral induction in the syntheses of biologically important alkaloids. <i>Current Topics in Medicinal Chemistry</i> , 2013 , 13, 2184-99	3	1
89	1-Benzyl-1,2,3,4-tetrahydro- β -carboline as channel blocker of N-methyl-D-aspartate receptors. <i>Chemical Biology and Drug Design</i> , 2012 , 79, 594-9	2.9	13
88	Enantioselective total synthesis of (S)-(+)-lennoxamine through asymmetric hydrogenation mediated by l-proline-tetrazole ruthenium catalyst. <i>Tetrahedron Letters</i> , 2012 , 53, 3672-3675	2	15
87	Reactivity of 3-sulfanyl-1-hexanol and catechol-containing phenolics in vitro. <i>Food Chemistry</i> , 2012 , 131, 1510-1516	8.5	30
86	Study of interaction energies between the PAMAM dendrimer and nonsteroidal anti-inflammatory drug using a distributed computational strategy and experimental analysis by ESI-MS/MS. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 2031-9	3.4	55
85	On-line monitoring of stevioside sweetener hydrolysis to steviol in acidic aqueous solutions. <i>Food Chemistry</i> , 2012 , 133, 1632-1635	8.5	17
84	Varietal discrimination of Chilean wines by direct injection mass spectrometry analysis combined with multivariate statistics. <i>Food Chemistry</i> , 2012 , 131, 692-697	8.5	44
83	Synthesis of the Indolo[2,3-a]quinolizidine Ring through the Addition of 2-Siloxyfurans to Imines and Intrinsic Reaction Coordinate Calculations. <i>Synthesis</i> , 2012 , 44, 144-150	2.9	10
82	Dendritic Catalysis in Asymmetric Synthesis. <i>Current Organic Chemistry</i> , 2012 , 16, 1776-1787	1.7	9
81	Supramolecular Host-Guest Asymmetric Induction In Organic Synthesis. <i>Current Organic Synthesis</i> , 2012 , 9, 279-309	1.9	4
80	A one-pot azido reductive tandem mono-N-alkylation employing dialkylboron triflates: online ESI-MS mechanistic investigation. <i>Journal of Organic Chemistry</i> , 2011 , 76, 7017-26	4.2	16

79	Fast Analysis of Taurine in Energetic Drinks by Electrospray Ionization Mass Spectrometry. <i>Journal of the Brazilian Chemical Society</i> , 2011 , 22, 801-806	1.5	4
78	Monitoring of Eblockers ozone degradation via electrospray ionization mass spectrometry. <i>Journal of the Brazilian Chemical Society</i> , 2011 , 22, 919-928	1.5	4
77	What do we know about reaction mechanism? the electrospray ionization mass spectrometry approach. <i>Journal of the Brazilian Chemical Society</i> , 2011 , 22, 1827-1840	1.5	33
76	Nanoinformatics: an emerging area of information technology at the intersection of bioinformatics, computational chemistry and nanobiotechnology. <i>Biological Research</i> , 2011 , 44, 43-51	7.6	23
75	Supramolecular complexes of quantum dots and a polyamidoamine (PAMAM)-folate derivative for molecular imaging of cancer cells. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 400, 483-92	4.4	29
74	The mechanism of Sandmeyer's cyclization reaction by electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2011 , 25, 423-8	2.2	24
73	Anthocyanin composition in aged Chilean Cabernet Sauvignon red wines. <i>Food Chemistry</i> , 2011 , 129, 514-519	8.5	13
72	Short Total Synthesis of (-)-Lupinine and (-)-Epiquinamide by Double Mitsunobu Reaction. <i>Synthesis</i> , 2011 , 2011, 51-56	2.9	16
71	Total Synthesis of Rutaecarpine and Analogues by Tandem Azido Reductive Cyclization Assisted by Microwave Irradiation. <i>Synlett</i> , 2011 , 2011, 61-64	2.2	11
70	Bioreduction of Ecarboline imines to amines employing <i>Saccharomyces bayanus</i> . <i>Tetrahedron: Asymmetry</i> , 2010 , 21, 1988-1992		29
69	A Brief Overview of the Mechanisms Involved in Electrospray Mass Spectrometry 2010 , 1-35		2
68	Historical Perspectives in the Study of Ion Chemistry by Mass Spectrometry: From the Gas Phase to Solution 2010 , 37-62		
67	Organic Reaction Studies by ESI-MS 2010 , 63-111		2
66	Studies of Reaction Mechanism Intermediates by ESI-MS 2010 , 113-131		2
65	On-line Monitoring Reactions by Electrospray Ionization Mass Spectrometry 2010 , 133-198		1
64	Gas Phase Ligand Fragmentation to Unmask Reactive Metallic Species 2010 , 199-227		10
63	Palladium Intermediates in Solution 2010 , 229-275		3
62	Practical Investigation of Molecular and Biomolecular Noncovalent Recognition Processes in Solution by ESI-MS 2010 , 277-305		2

61	Asymmetric syntheses of piperidino-benzodiazepines through β -cation-pool host/guest supramolecular approach and their DNA-binding studies. <i>Tetrahedron: Asymmetry</i> , 2010 , 21, 2625-2630		10
60	Short synthesis of noscapine, bicuculline, egeine, capnoidine, and corytensine alkaloids through the addition of 1-siloxy-isobenzofurans to imines. <i>Tetrahedron Letters</i> , 2010 , 51, 1770-1773	2	19
59	The Morita-Baylis-Hillman reaction: insights into asymmetry and reaction mechanisms by electrospray ionization mass spectrometry. <i>Molecules</i> , 2009 , 14, 3989-4021	4.8	59
58	Studies towards the construction of quaternary indolizidines by [2,3]-sigmatropic rearrangement cocatalyzed by ionic liquid. <i>Journal of the Brazilian Chemical Society</i> , 2009 , 20, 813-819	1.5	14
57	Chemoselective aromatic azido reduction with concomitant aliphatic azide employing Al/Gd triflates/NaI and ESI-MS mechanistic studies. <i>Chemistry - A European Journal</i> , 2009 , 15, 7215-24	4.8	40
56	Antiproliferative activity of arborescidine alkaloids and derivatives. <i>European Journal of Medicinal Chemistry</i> , 2009 , 44, 3810-5	6.8	33
55	Synthesis and absolute configuration of (S)-(+)-chichimol ketone: the defensive secretion of walking stick <i>Agathemera elegans</i> . <i>Tetrahedron: Asymmetry</i> , 2009 , 20, 1062-1064		2
54	Enantioselective total synthesis of pyrroloquinolone as a potent PDE5 inhibitor. <i>Tetrahedron Letters</i> , 2009 , 50, 520-523	2	27
53	Palladium asymmetric reduction of carboline imines mediated by chiral auxiliaries assisted by microwave irradiation. <i>Tetrahedron Letters</i> , 2009 , 50, 7059-7061	2	16
52	Novel supramolecular palladium catalyst for the asymmetric reduction of imines in aqueous media. <i>Organic Letters</i> , 2009 , 11, 3238-41	6.2	64
51	New gastroprotective ferruginol derivatives with selective cytotoxicity against gastric cancer cells. <i>Planta Medica</i> , 2008 , 74, 802-8	3.1	13
50	Enantioselective total synthesis of (S)-(-)-quinolactacin B. <i>Tetrahedron Letters</i> , 2008 , 49, 4289-4291	2	39
49	On-line monitoring of Brookhart polymerization by electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2008 , 22, 898-904	2.2	24
48	Online Mechanistic Investigations of Catalyzed Reactions by Electrospray Ionization Mass Spectrometry: A Tool to Intercept Transient Species in Solution. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 235-253	3.2	181
47	Enantioselective total syntheses of ropivacaine and its analogues. <i>Tetrahedron Letters</i> , 2008 , 49, 5098-5100		43
46	The mechanism of the Stille reaction investigated by electrospray ionization mass spectrometry. <i>Journal of Organic Chemistry</i> , 2007 , 72, 5809-12	4.2	102
45	Cloud point extraction applied to casein proteins of cow milk and their identification by mass spectrometry. <i>Analytica Chimica Acta</i> , 2007 , 590, 166-72	6.6	41
44	Electrospray ionization mass spectrometric characterization of key Te(IV) cationic intermediates for the addition of TeCl ₄ to alkynes. <i>Rapid Communications in Mass Spectrometry</i> , 2007 , 21, 1479-84	2.2	8

43	Biotransformation of Jatrophone by <i>Aspergillus niger</i> ATCC 16404. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2007 , 62, 275-279	1	14
42	The mechanism of Tröger's base formation probed by electrospray ionization mass spectrometry. <i>Journal of Organic Chemistry</i> , 2007 , 72, 4048-54	4.2	30
41	Probing the mechanism of direct Mannich-type alpha-methylenation of ketoesters via electrospray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2007 , 42, 1287-93	2.2	33
40	Study of homogeneously catalyzed Ziegler-Natta polymerization of ethene by ESI-MS. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 977-81	16.4	102
39	On the species involved in the vaporization of imidazolium ionic liquids in a steam-distillation-like process. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 7251-4	16.4	81
38	Untersuchung der homogen katalysierten Ziegler-Natta-Polymerisation von Ethen mittels ESI-MS. <i>Angewandte Chemie</i> , 2006 , 118, 991-995	3.6	19
37	On the Species Involved in the Vaporization of Imidazolium Ionic Liquids in a Steam-Distillation-Like Process. <i>Angewandte Chemie</i> , 2006 , 118, 7409-7412	3.6	19
36	Intrinsic acidity of dimethylhalonium ions: evidence for hyperconjugation in dimethylhalonium ylides in the gas phase. <i>Journal of Organic Chemistry</i> , 2006 , 71, 2625-9	4.2	19
35	Investigation of reaction mechanisms by electrospray ionization mass spectrometry: characterization of intermediates in the degradation of phenol by a novel iron/magnetite/hydrogen peroxide heterogeneous oxidation system. <i>Rapid Communications in Mass Spectrometry</i> , 2006 , 20, 1859-63	2.2	33
34	Mimicking the atmospheric OH-radical-mediated photooxidation of isoprene: formation of cloud-condensation nuclei polyols monitored by electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2006 , 20, 2104-8	2.2	29
33	Transient intermediates of the Tebbe reagent intercepted and characterized by atmospheric pressure chemical ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2006 , 20, 2626-9	2.2	12
32	The role of ionic liquids in co-catalysis of Baylis-Hillman reaction: interception of supramolecular species via electrospray ionization mass spectrometry. <i>Journal of Physical Organic Chemistry</i> , 2006 , 19, 731-736	2.1	65
31	Synthesis and characterization of Sb(V)adenosine and Sb(V)guanosine complexes in aqueous solution. <i>Inorganica Chimica Acta</i> , 2006 , 359, 159-167	2.7	17
30	Synthesis and crystal structure of 2,4-dihydro-4-[(5-hydroxy-3-methyl-1-phenyl-1H-pyrazol-4-yl)imino]-5-methyl-2-phenyl-3H-pyrazol-3-one and its copper(II) complex. <i>Polyhedron</i> , 2006 , 25, 2055-2064	2.7	19
29	Preparative Droplet Counter-Current Chromatography for the Separation of the New Nor-Seco-Triterpene and Pentacyclic Triterpenoids from <i>Qualea Parviflora</i> . <i>Chromatographia</i> , 2006 , 64, 695-699	2.1	11
28	Chemotaxonomic markers of organic, natural, and genetically modified soybeans detected by direct infusion electrospray ionization mass spectrometry. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2006 , 269, 505-509	1.5	14
27	Oxidation of tertiary homoallylic alcohols by thallium trinitrate: fragmentation vs. ring contraction. <i>Journal of the Brazilian Chemical Society</i> , 2006 , 17, 981-988	1.5	3
26	Unexpected synthesis of conformationally restricted analogues of gamma-amino butyric acid (GABA): mechanism elucidation by electrospray ionization mass spectrometry. <i>Journal of Organic Chemistry</i> , 2005 , 70, 110-4	4.2	20

25	Advanced oxidation of caffeine in water: on-line and real-time monitoring by electrospray ionization mass spectrometry. <i>Environmental Science & Technology</i> , 2005 , 39, 5982-8	10.3	98
24	Aflatoxin screening by MALDI-TOF mass spectrometry. <i>Analytical Chemistry</i> , 2005 , 77, 8155-7	7.8	49
23	Adsorption of silanes bearing nitrogenated Lewis bases on SiO ₂ /Si (100) model surfaces. <i>Journal of Colloid and Interface Science</i> , 2005 , 286, 303-9	9.3	8
22	Investigation of chemical reactions in solution using API-MS. <i>International Journal of Mass Spectrometry</i> , 2005 , 246, 84-104	1.9	142
21	On-line monitoring of bioreductions via membrane introduction mass spectrometry. <i>Biotechnology and Bioengineering</i> , 2005 , 90, 888-92	4.9	8
20	The proton-bound dimer of acetone. <i>Journal of Mass Spectrometry</i> , 2005 , 40, 127-8	2.2	5
19	Electrospray ionization mass and tandem mass spectra of a series of N-pyrazolylmethyl and N-triazolylmethyl N-phenylpiperazines: new dopaminergic ligands with potential antipsychotic properties. <i>Journal of Mass Spectrometry</i> , 2005 , 40, 815-20	2.2	11
18	A new neolignan and antioxidant phenols from <i>Nectandra grandiflora</i> . <i>Journal of the Brazilian Chemical Society</i> , 2005 , 16, 526-530	1.5	23
17	Fast screening of low molecular weight compounds by thin-layer chromatography and "on-spot" MALDI-TOF mass spectrometry. <i>Analytical Chemistry</i> , 2004 , 76, 2144-7	7.8	63
16	Synthesis of unexpected six-membered imides by free-radical carbocyclisation on carbohydrate templates. <i>Tetrahedron</i> , 2004 , 60, 9901-9908	2.4	2
15	Probing the mechanism of the Baylis-Hillman reaction by electrospray ionization mass and tandem mass spectrometry. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 4330-3	16.4	255
14	Probing the Mechanism of the Baylis-Hillman Reaction by Electrospray Ionization Mass and Tandem Mass Spectrometry. <i>Angewandte Chemie</i> , 2004 , 116, 4430-4433	3.6	66
13	Gaseous supramolecules of imidazolium ionic liquids: "magic" numbers and intrinsic strengths of hydrogen bonds. <i>Chemistry - A European Journal</i> , 2004 , 10, 6187-93	4.8	225
12	Reaction of bis(2,4-dinitrophenyl) phosphate with hydrazine and hydrogen peroxide. Comparison of O- and N-phosphorylation. <i>Journal of Organic Chemistry</i> , 2004 , 69, 7898-905	4.2	62
11	Intrinsic Reactivity of Gaseous Halocarocations toward Model Aromatic Compounds. <i>Journal of Physical Chemistry A</i> , 2004 , 108, 7009-7020	2.8	15
10	Coupling of Vinylic Tellurides with Alkynes Catalyzed by Palladium Dichloride: Evaluation of Synthetic and Mechanistic Details. <i>Organometallics</i> , 2004 , 23, 3990-3996	3.8	61
9	Enantioselective total syntheses of (+)-arborescidine A, (-)-arborescidine B, and (-)-arborescidine C. <i>Journal of Organic Chemistry</i> , 2004 , 69, 1283-9	4.2	78
8	Mechanisms of nucleophilic substitution reactions of methylated hydroxylamines with bis(2,4-dinitrophenyl)phosphate. Mass spectrometric identification of key intermediates. <i>Journal of Organic Chemistry</i> , 2004 , 69, 6024-33	4.2	55

7	Studies towards the construction of alkylidene quinolizidines: the total synthesis of homopumiliotoxin 223G. <i>Journal of the Brazilian Chemical Society</i> , 2003 , 14, 982-993	1.5	10
6	A novel asymmetric reduction of dihydro- β -carboline derivatives using calix[6]arene/chiral amine as a host complex. <i>Tetrahedron: Asymmetry</i> , 2003 , 14, 2515-2519		13
5	Probing the mechanism of the Petasis olefination reaction by atmospheric pressure chemical ionization mass and tandem mass spectrometry. <i>Organic Letters</i> , 2003 , 5, 1391-4	6.2	60
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