

# Leonardo S Santos

## List of Publications by Year in descending order

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147  
papers

4,427  
citations

109137

35  
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133063

59  
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181  
all docs

181  
docs citations

181  
times ranked

4920  
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing the Mechanism of the Baylis-Hillman Reaction by Electrospray Ionization Mass and Tandem Mass Spectrometry. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 4330-4333.	7.2	264
2	Gaseous Supramolecules of Imidazolium Ionic Liquids: "Magic" Numbers and Intrinsic Strengths of Hydrogen Bonds. <i>Chemistry - A European Journal</i> , 2004, 10, 6187-6193.	1.7	239
3	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.	1.2	189
4	Detection of SARS-CoV-2 in nasal swabs using MALDI-MS. <i>Nature Biotechnology</i> , 2020, 38, 1168-1173.	9.4	159
5	Investigation of chemical reactions in solution using API-MS. <i>International Journal of Mass Spectrometry</i> , 2005, 246, 84-104.	0.7	151
6	Advanced Oxidation of Caffeine in Water: On-Line and Real-Time Monitoring by Electrospray Ionization Mass Spectrometry. <i>Environmental Science &amp; Technology</i> , 2005, 39, 5982-5988.	4.6	121
7	Study of Homogeneously Catalyzed Ziegler-Natta Polymerization of Ethene by ESI-MS. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 977-981.	7.2	111
8	The Mechanism of the Stille Reaction Investigated by Electrospray Ionization Mass Spectrometry. <i>Journal of Organic Chemistry</i> , 2007, 72, 5809-5812.	1.7	106
9	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, 7251-7254.	7.2	85
10	Enantioselective Total Syntheses of (+)-Arborescidine A, (âˆ“)-Arborescidine B, and (âˆ“)-Arborescidine C. <i>Journal of Organic Chemistry</i> , 2004, 69, 1283-1289.	1.7	84
11	Novel Supramolecular Palladium Catalyst for the Asymmetric Reduction of Imines in Aqueous Media. <i>Organic Letters</i> , 2009, 11, 3238-3241.	2.4	71
12	The Morita-Baylis-Hillman Reaction: Insights into Asymmetry and Reaction Mechanisms by Electrospray Ionization Mass Spectrometry. <i>Molecules</i> , 2009, 14, 3989-4021.	1.7	70
13	Fast Screening of Low Molecular Weight Compounds by Thin-Layer Chromatography and "On-Spot" MALDI-TOF Mass Spectrometry. <i>Analytical Chemistry</i> , 2004, 76, 2144-2147.	3.2	69
14	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.	0.9	69
15	Probing the Mechanism of the Petasis Olefination Reaction by Atmospheric Pressure Chemical Ionization Mass and Tandem Mass Spectrometry. <i>Organic Letters</i> , 2003, 5, 1391-1394.	2.4	64
16	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, 7898-7905.	1.7	64
17	Coupling of Vinylic Tellurides with Alkynes Catalyzed by Palladium Dichloride: A Evaluation of Synthetic and Mechanistic Details. <i>Organometallics</i> , 2004, 23, 3990-3996.	1.1	64
18	Aflatoxin Screening by MALDI-TOF Mass Spectrometry. <i>Analytical Chemistry</i> , 2005, 77, 8155-8157.	3.2	62

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19	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, 6024-6033.	1.7	59
20	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, 2031-2039.	1.2	59
21	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.	1.0	54
22	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, 7215-7224.	1.7	53
23	Enantioselective total syntheses of ropivacaine and its analogues. <i>Tetrahedron Letters</i> , 2008, 49, 5098-5100.	0.7	52
24	Cloud point extraction applied to casein proteins of cow milk and their identification by mass spectrometry. <i>Analytica Chimica Acta</i> , 2007, 590, 166-172.	2.6	49
25	TBAI/TBHP-catalyzed [3 + 2]cycloaddition/oxidation/aromatization cascade and online ESI-MS mechanistic studies: synthesis of pyrrolo[2,1- <i>a</i> ]isoquinolines and indolizino[8,7- <i>b</i> ]indoles. <i>RSC Advances</i> , 2016, 6, 2671-2677.	1.7	47
26	Varietal discrimination of Chilean wines by direct injection mass spectrometry analysis combined with multivariate statistics. <i>Food Chemistry</i> , 2012, 131, 692-697.	4.2	45
27	Effect of Tomato Industrial Processing on Phenolic Profile and Antiplatelet Activity. <i>Molecules</i> , 2013, 18, 11526-11536.	1.7	43
28	Enantioselective total synthesis of (S)-( $\hat{\alpha}$ ) <sup>2</sup> -quinolactacin B. <i>Tetrahedron Letters</i> , 2008, 49, 4289-4291.	0.7	42
29	Novel Alkylimidazolium Ionic Liquids as an Antibacterial Alternative to Pathogens of the Skin and Soft Tissue Infections. <i>Molecules</i> , 2018, 23, 2354.	1.7	42
30	Total synthesis of ( $\hat{\alpha}$ ) <sup>±</sup> -homopumiliotoxin 223G. <i>Tetrahedron Letters</i> , 2001, 42, 6999-7001.	0.7	36
31	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, 1859-1863.	0.7	35
32	Probing the mechanism of direct Mannich-type $\hat{\alpha}$ -methylenation of ketoesters via electrospray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2007, 42, 1287-1293.	0.7	35
33	Antiproliferative activity of arborescidine alkaloids and derivatives. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 3810-3815.	2.6	35
34	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.	0.6	35
35	A new neolignan and antioxidant phenols from <i>Nectandra grandiflora</i> . <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 526-530.	0.6	33
36	The Mechanism of Tröger's Base Formation Probed by Electrospray Ionization Mass Spectrometry. <i>Journal of Organic Chemistry</i> , 2007, 72, 4048-4054.	1.7	33

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37	Reactivity of 3-sulfanyl-1-hexanol and catechol-containing phenolics in vitro. <i>Food Chemistry</i> , 2012, 131, 1510-1516.	4.2	33
38	PAMAM dendrimer derivatives as a potential drug for antithrombotic therapy. <i>European Journal of Medicinal Chemistry</i> , 2013, 69, 601-608.	2.6	33
39	Enantioselective total synthesis of pyrroloquinolone as a potent PDE5 inhibitor. <i>Tetrahedron Letters</i> , 2009, 50, 520-523.	0.7	32
40	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, 483-492.	1.9	32
41	Bioreduction of $\hat{I}^2$ -carboline imines to amines employing <i>Saccharomyces bayanus</i> . <i>Tetrahedron: Asymmetry</i> , 2010, 21, 1988-1992.	1.8	31
42	RosÃ© Wine Fining Using Polyvinylpolypyrrolidone: Colorimetry, Targeted Polyphenomics, and Molecular Dynamics Simulations. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 10591-10597.	2.4	31
43	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, 2104-2108.	0.7	30
44	Substitution Effects of NaCl by KCl and CaCl <sub>2</sub> on Lipolysis of Salted Meat. <i>Foods</i> , 2019, 8, 595.	1.9	30
45	Intramolecular Hydrogen Bond in Biologically Active o-Carbonyl Hydroquinones. <i>Molecules</i> , 2014, 19, 9354-9368.	1.7	29
46	Preparation of Hydrogel/Silver Nanohybrids Mediated by Tunable-Size Silver Nanoparticles for Potential Antibacterial Applications. <i>Polymers</i> , 2019, 11, 716.	2.0	29
47	Ru(II)-Catalyzed Regioselective Hydroxymethylation of $\hat{I}^2$ -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.	1.7	29
48	Online monitoring of Brookhart polymerization by electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 898-904.	0.7	28
49	Experimental and theoretical binding affinity between polyvinylpolypyrrolidone and selected phenolic compounds from food matrices. <i>Food Chemistry</i> , 2015, 168, 464-470.	4.2	28
50	Nanoinformatics: an emerging area of information technology at the intersection of bioinformatics, computational chemistry and nanobiotechnology. <i>Biological Research</i> , 2011, 44, 43-51.	1.5	27
51	Lewis Acid Enhanced Ethene Dimerization and Alkene IsomerizationâESI-MS Identification of the Catalytically Active Pyridyldimethoxybenzimidazole Nickel(II) Hydride Species. <i>ACS Catalysis</i> , 2015, 5, 7338-7342.	5.5	27
52	Fast detection of pathogens in salmon farming industry. <i>Aquaculture</i> , 2017, 470, 17-24.	1.7	27
53	Diastereoselection of the addition of silyloxyfurans to five-, six- and seven-membered N-acyliminium ions. <i>Tetrahedron Letters</i> , 2001, 42, 6995-6997.	0.7	26
54	A novel asymmetric reduction of dihydro- $\hat{I}^2$ -carboline derivatives using calix[6]arene/chiral amine as a host complex. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 2515-2519.	1.8	26

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55	The mechanism of Sandmeyer's cyclization reaction by electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 423-428.	0.7	26
56	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.	2.0	23
57	Comparison of the Oxidative Stability and Antioxidant Activity of Extra-Virgin Olive Oil and Oils Extracted from Seeds of <i>Colliguaya integerrima</i> and <i>Cynara cardunculus</i> Under Normal Conditions and After Thermal Treatment. <i>Antioxidants</i> , 2019, 8, 470.	2.2	23
58	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.	1.0	22
59	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, 7017-7026.	1.7	22
60	On-line monitoring of stevioside sweetener hydrolysis to steviol in acidic aqueous solutions. <i>Food Chemistry</i> , 2012, 133, 1632-1635.	4.2	22
61	Unexpected Synthesis of Conformationally Restricted Analogues of $\hat{\text{I}}^3$ -Amino Butyric Acid (GABA): $\hat{\text{A}}$ Mechanism Elucidation by Electrospray Ionization Mass Spectrometry. <i>Journal of Organic Chemistry</i> , 2005, 70, 110-114.	1.7	21
62	Intrinsic Reactivity of Gaseous Halocarboxocations toward Model Aromatic Compounds. <i>Journal of Physical Chemistry A</i> , 2004, 108, 7009-7020.	1.1	19
63	Intrinsic Acidity of Dimethylhalonium Ions: $\hat{\text{A}}$ Evidence for Hyperconjugation in Dimethylhalonium Ylides in the Gas Phase. <i>Journal of Organic Chemistry</i> , 2006, 71, 2625-2629.	1.7	19
64	Short synthesis of noscapine, bicuculline, egenine, capnoidine, and corytensine alkaloids through the addition of 1-siloxy-isobenzofurans to imines. <i>Tetrahedron Letters</i> , 2010, 51, 1770-1773.	0.7	19
65	Fast detection of <i>Listeria monocytogenes</i> through a nanohybrid quantum dot complex. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 5359-5371.	1.9	19
66	Natural AD-Like Neuropathology in <i>Octodon degus</i> : Impaired Burrowing and Neuroinflammation. <i>Current Alzheimer Research</i> , 2015, 12, 314-322.	0.7	19
67	Synthesis and characterization of Sb(V) $\hat{\text{A}}$ adenosine and Sb(V) $\hat{\text{A}}$ guanosine complexes in aqueous solution. <i>Inorganica Chimica Acta</i> , 2006, 359, 159-167.	1.2	18
68	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.	0.3	18
69	Enantioselective total synthesis of (S)-(+)-lennoxamine through asymmetric hydrogenation mediated by l-proline-tetrazole ruthenium catalyst. <i>Tetrahedron Letters</i> , 2012, 53, 3672-3675.	0.7	18
70	Investigation of Lysine-Functionalized Dendrimers as Dichlorvos Detoxification Agents. <i>Biomacromolecules</i> , 2015, 16, 3434-3444.	2.6	18
71	Rational Development of a Novel Hydrogel as a pH-Sensitive Controlled Release System for Nifedipine. <i>Polymers</i> , 2018, 10, 806.	2.0	18
72	New Gastroprotective Ferruginol Derivatives with Selective Cytotoxicity against Gastric Cancer Cells. <i>Planta Medica</i> , 2008, 74, 802-808.	0.7	17

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73	Palladium asymmetric reduction of $\hat{I}^2$ -carboline imines mediated by chiral auxiliaries assisted by microwave irradiation. <i>Tetrahedron Letters</i> , 2009, 50, 7059-7061.	0.7	17
74	Short Total Synthesis of (-)-Lupinine and (-)-Epiquinamide by Double Mitsunobu Reaction. <i>Synthesis</i> , 2011, 2011, 51-56.	1.2	17
75	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, 250-257.	2.6	17
76	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.	2.6	17
77	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.	0.7	16
78	1- <i>N</i> -Benzyl-1,2,3,4-tetrahydro- $\hat{I}^2$ -carboline as Channel Blocker of <i>N</i> -Methyl-D-Aspartate Receptors. <i>Chemical Biology and Drug Design</i> , 2012, 79, 594-599.	1.5	16
79	Asymmetric total synthesis of Tofacitinib. <i>Tetrahedron Letters</i> , 2013, 54, 5096-5098.	0.7	16
80	Stereoselective bioreduction of $\hat{I}^2$ -carboline imines through cell-free extracts from earthworms ( <i>Eisenia foetida</i> ). <i>Tetrahedron: Asymmetry</i> , 2013, 24, 440-443.	1.8	16
81	Computational study of the complexation of metals ions with poly(amidoamine) PAMAM GO dendrimers. <i>Chemical Physics Letters</i> , 2014, 616-617, 171-177.	1.2	16
82	TCCA-mediated oxidative rearrangement of tetrahydro- $\hat{I}^2$ -carbolines: facile access to spirooxindoles and the total synthesis of ( $\hat{A}^{\pm}$ )-coerulescine and ( $\hat{A}^{\pm}$ )-horsfiline. <i>RSC Advances</i> , 2021, 11, 16537-16546.	1.7	16
83	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.	0.6	15
84	Heterocyclic Curcumin Derivatives of Pharmacological Interest: Recent Progress. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 1663-1672.	1.0	15
85	Asymmetric syntheses of piperidino-benzodiazepines through a cation-pool <sup>TM</sup> host/guest supramolecular approach and their DNA-binding studies. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 2625-2630.	1.8	14
86	Anthocyanin composition in aged Chilean Cabernet Sauvignon red wines. <i>Food Chemistry</i> , 2011, 129, 514-519.	4.2	14
87	Electrospray ionization mass and tandem mass spectra of a series of <i>N</i> -pyrazolylmethyl and <i>N</i> -triazolylmethyl- <i>N</i> -phenylpiperazines: new dopaminergic ligands with potential antipsychotic properties. <i>Journal of Mass Spectrometry</i> , 2005, 40, 815-820.	0.7	13
88	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, 2626-2629.	0.7	13
89	Total Synthesis of Rutaecarpine and Analogues by Tandem Azido Reductive Cyclization Assisted by Microwave Irradiation. <i>Synlett</i> , 2011, 2011, 61-64.	1.0	13
90	Synthesis of the Indolo[2,3- <i>a</i> ]quinolizidine Ring through the Addition of 2-Siloxyfurans to Imines and Intrinsic Reaction Coordinate Calculations. <i>Synthesis</i> , 2012, 44, 144-150.	1.2	12

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91	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.	0.7	11
92	Production and characterization of surface-active compounds from <i>Gordonia amicalis</i> . <i>Brazilian Archives of Biology and Technology</i> , 2014, 57, 138-144.	0.5	11
93	Removal of 4-Ethylphenol and 4-Ethylguaiaicol with Polyaniline-Based Compounds in Wine-Like Model Solutions and Red Wine. <i>Molecules</i> , 2015, 20, 14312-14325.	1.7	11
94	The Intramolecular Heck Reaction and the Synthesis of Indolizidinone, Quinolizidinone and Benzoazepinone Derivatives. <i>Synthesis</i> , 2002, 2002, 0087.	1.2	10
95	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.	0.6	10
96	On-line monitoring of bioreductions via membrane introduction mass spectrometry. <i>Biotechnology and Bioengineering</i> , 2005, 90, 888-892.	1.7	10
97	Dendritic Catalysis in Asymmetric Synthesis. <i>Current Organic Chemistry</i> , 2012, 16, 1776-1787.	0.9	10
98	The binding of 4-ethylguaiaicol with polyaniline-based materials in wines. <i>Food Chemistry</i> , 2014, 159, 486-492.	4.2	10
99	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, 321-329.	3.8	10
100	Pamam built-on-silicon wafer thin-layer extraction devices for selective metal contamination detection. <i>Tetrahedron Letters</i> , 2016, 57, 2468-2473.	0.7	10
101	Adsorption of silanes bearing nitrogenated Lewis bases on SiO <sub>2</sub> /Si (100) model surfaces. <i>Journal of Colloid and Interface Science</i> , 2005, 286, 303-309.	5.0	9
102	Electrospray ionization mass spectrometric characterization of key Te(IV) cationic intermediates for the addition of TeCl <sub>4</sub> to alkynes. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 1479-1484.	0.7	9
103	Bifunctional thiosquaramide catalyzed asymmetric reduction of dihydro- $\hat{\alpha}^2$ -carbolines and enantioselective synthesis of ( $\hat{\alpha}^2$ )-coerulescine and ( $\hat{\alpha}^2$ )-horsfiline by oxidative rearrangement. <i>RSC Advances</i> , 2020, 10, 38672-38677.	1.7	9
104	pH-dependent nano-capturing of tartaric acid using dendrimers. <i>Soft Matter</i> , 2014, 10, 600-608.	1.2	8
105	Chemotaxonomic Fingerprinting of Chilean Lichens Through Maldi and Electrospray Ionization Mass Spectrometry. <i>Brazilian Archives of Biology and Technology</i> , 2015, 58, 244-253.	0.5	7
106	Correlating experimental electrochemistry and theoretical calculations in 2- $\hat{\alpha}^2$ -hydroxy chalcones: the role of the intramolecular hydrogen bond. <i>RSC Advances</i> , 2015, 5, 50929-50937.	1.7	7
107	Copper (II) as catalyst for intramolecular cyclization and oxidation of (1,4-phenylene)bisguanidines to benzodiimidazole-diyliidenes. <i>Journal of Catalysis</i> , 2020, 382, 150-154.	3.1	7
108	Nano-Detoxification of Organophosphate Agents by PAMAM Derivatives. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	7

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109	The proton-bound dimer of acetone. <i>Journal of Mass Spectrometry</i> , 2005, 40, 127-128.	0.7	6
110	Fast Analysis of Taurine in Energetic Drinks by Electrospray Ionization Mass Spectrometry. <i>Journal of the Brazilian Chemical Society</i> , 2011, 22, 801-806.	0.6	6
111	Supramolecular Host-Guest Asymmetric Induction In Organic Synthesis. <i>Current Organic Synthesis</i> , 2012, 9, 279-309.	0.7	6
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.	1.5	6
113	Polyaniline Based Materials as a Method to Eliminate Haloanisoles in Spirits Beverages. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 8308-8318.	1.8	6
114	Monitoring of $\beta$ -blockers ozone degradation via electrospray ionization mass spectrometry. <i>Journal of the Brazilian Chemical Society</i> , 2011, 22, 919-928.	0.6	5
115	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> , 0, , .	0.6	5
116	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.	4.2	5
117	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, 200-206.	0.7	5
118	Selective and Efficient Arsenic Recovery from Water through Quaternary Amino-Functionalized Silica. <i>Polymers</i> , 2018, 10, 626.	2.0	5
119	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.	1.8	4
120	New Multicomponent Reaction for the Direct Synthesis of $\beta$ -Aryl- $\beta$ -nitroesters Promoted by Hydrotalcite-Derived Mixed Oxides as Heterogeneous Catalyst. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	4
121	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.	1.8	4
122	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.	1.0	4
123	Mechanistic study of the competitiveness between branched and linear polyethylene production on $N$ -arylcyno- $\beta$ -diketiminato nickel hydride. <i>Polymer Chemistry</i> , 2020, 11, 6640-6649.	1.9	4
124	Salivary proteome of aphthous stomatitis reveals the participation of vitamin metabolism, nutrients, and bacteria. <i>Scientific Reports</i> , 2021, 11, 15646.	1.6	4
125	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.	1.1	4
126	In Vivo Nanodetoxication for Acute Uranium Exposure. <i>Molecules</i> , 2015, 20, 11017-11033.	1.7	3



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127	A new multicomponent reaction for direct synthesis of primary $\hat{1}^3$ -nitroamides. RSC Advances, 2016, 6, 98427-98433.	1.7	3
128	Strategy Based on Data Mining and MALDI-Mass Spectrometry for Control Disease of SRS in Salmo Salar. , 2018, , .		3
129	MALDI coupled to modified traveling wave ion mobility mass spectrometry for fast enantiomeric determination. Journal of Mass Spectrometry, 2018, 53, 693-699.	0.7	3
130	Oxidation of tertiary homoallylic alcohols by thallium trinitrate: fragmentation vs. ring contraction. Journal of the Brazilian Chemical Society, 2006, 17, 981-988.	0.6	3
131	Polymer-supported (-)-8-phenylmenthyl Auxiliary as an Effective Solidphase Chiral Inductor in the Addition of Nucleophiles to N-acyliminium Ions. Combinatorial Chemistry and High Throughput Screening, 2017, 20, 696-702.	0.6	3
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