

# Athula Attygalle

## List of Publications by Year in descending order

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204  
papers

5,154  
citations

109264

35  
h-index

138417

58  
g-index

218  
all docs

218  
docs citations

218  
times ranked

4627  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fragmentation pathways of deprotonated <i>ortho</i> -hydroxybenzyl alcohol. <i>Journal of Mass Spectrometry</i> , 2022, 57, e4829.	0.7	1
2	Monoisotopic Mass?. <i>Journal of the American Society for Mass Spectrometry</i> , 2022, 33, 5-10.	1.2	2
3	Untargeted urine metabolite profiling by mass spectrometry aided by multivariate statistical analysis to predict prostate cancer treatment outcome. <i>Analyst, The</i> , 2022, 147, 3043-3054.	1.7	2
4	Therapeutic prognosis of prostate cancer using surface-enhanced Raman scattering of patient urine and multivariate statistical analysis. <i>Journal of Biophotonics</i> , 2021, 14, e202000275.	1.1	19
5	Helium-Plasma-Ionization Mass Spectrometry of Metallocenes and Their Derivatives. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 548-559.	1.2	3
6	Biosynthesis of Quinoline by a Stick Insect. <i>Journal of Natural Products</i> , 2021, 84, 527-530.	1.5	5
7	Rapid, Selective, and Sensitive Method for Semitargeted Discovery of Congeneric Natural Products by Liquid Chromatography Tandem Mass Spectrometry. <i>Journal of Natural Products</i> , 2021, 84, 814-823.	1.5	0
8	Impact of Ambient Vapors Present in an Electrospray Ionization Source on Gas-Phase Ion Structures. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 725-735.	1.2	18
9	Primary Metabolism co-Opted for Defensive Chemical Production in the Carabid Beetle, <i>Harpalus pensylvanicus</i> . <i>Journal of Chemical Ecology</i> , 2021, 47, 334-349.	0.9	0
10	Rapid determination of aminoglycosides in pharmaceutical preparations by electrospray ionization mass spectrometry. <i>Journal of Analytical Science and Technology</i> , 2020, 11, .	1.0	8
11	Biosynthetic origin of benzoquinones in the explosive discharge of the bombardier beetle <i>Brachinus elongatulus</i> . <i>Die Naturwissenschaften</i> , 2020, 107, 26.	0.6	9
12	LC-MS analysis of <i>p</i> -aminosalicylic acid under electrospray ionization conditions manifests a profound solvent effect. <i>Analyst, The</i> , 2020, 145, 5333-5344.	1.7	11
13	Formation of Protonated <i>ortho</i> -Quinonimide from <i>ortho</i> -Iodoaniline in the Gas Phase by a Molecular-Oxygen-Mediated, <i>ortho</i> -Isomer-Specific Fragmentation Mechanism. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 864-872.	1.2	2
14	HCN emission by a Polydesmid Millipede Detected Remotely by Reactive Adsorption on Gold Nanoparticles Followed by Laser Desorption/Ionization Mass Spectrometry (LDI-MS). <i>Journal of Chemical Ecology</i> , 2020, 46, 455-460.	0.9	3
15	3-Methyl-1-(methylthio)-2-butene: a component in the foul-smelling defensive secretion of two <i>Ceroglossus</i> species (Coleoptera: Carabidae). <i>Chemoecology</i> , 2019, 29, 171-178.	0.6	9
16	1,4-Benzoquinone as a Highly Efficient Dopant for Enhanced Ionization and Detection of Nitramine Explosives on a Single-Quadrupole Mass Spectrometer Fitted with a Helium-Plasma Ionization (HePI) Source. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 2704-2710.	1.2	4
17	Identification of alkylpyrazines by gas chromatography mass spectrometry (GC-MS). <i>Journal of Chromatography A</i> , 2019, 1589, 149-161.	1.8	5
18	Chalcophile chemistry for enhanced detection of copper in its compounds and minerals. <i>Polyhedron</i> , 2019, 167, 127-136.	1.0	1

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19	Gold Nanoparticles (AuNPs) as Reactive Matrix for Detection of Trace Levels of HCN in Air by Laser Desorption/Ionization Mass Spectrometry (LDI-MS). <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 806-813.	1.2	4
20	Fortuitous Ion-Molecule Reaction Enables Enumeration of Metal-Hydrogen Bonds Present in Gaseous Ions. <i>ACS Omega</i> , 2019, 4, 3965-3972.	1.6	2
21	Screening freshness of seafood by measuring trimethylamine (TMA) levels using helium-plasma ionization mass spectrometry (HePI-MS). <i>Journal of Analytical Science and Technology</i> , 2019, 10, .	1.0	9
22	Transformation of the gas-phase favored $\text{O}^+$ -protomer of $\text{p}$ -aminobenzoic acid to its unfavored $\text{N}^+$ -protomer by ion activation in the presence of water vapor: A negative ion mobility mass spectrometry study. <i>Journal of Mass Spectrometry</i> , 2018, 53, 353-360.	0.7	31
23	Alkyl-Dimethylpyrazines in Mandibular Gland Secretions of Four <i>Odontomachus</i> Ant Species (Formicidae: Ponerinae). <i>Journal of Chemical Ecology</i> , 2018, 44, 444-451.	0.9	8
24	Periodic Trends Manifested through Gas-Phase Generation of Anions Such as $[\text{AlH}_4]^+$ , $[\text{GaH}_4]^+$ , $[\text{InH}_4]^+$ , $[\text{SrH}_3]^+$ , $[\text{BaH}_3]^+$ , $[\text{Ba}(\text{O})_2\text{OCH}_2]^+$ , $[\text{Pb}(\text{O})\text{H}]^+$ , $[\text{Bi}(\text{I})\text{H}_2]^+$ , and $\text{Bi}^+$ from Formates. <i>ACS Omega</i> , 2018, 3, 3440-3452.	1.6	2
25	Brimstone chemistry under laser light assists mass spectrometric detection and imaging the distribution of arsenic in minerals. <i>Dalton Transactions</i> , 2018, 47, 8221-8228.	1.6	3
26	Gas-phase protomers of $\text{p}$ -(dimethylamino)chalcone investigated by travelling-wave ion mobility mass spectrometry (TWIMS). <i>Journal of Mass Spectrometry</i> , 2018, 53, 954-962.	0.7	6
27	Experimental and Theoretical Studies on Gas-Phase Fragmentation Reactions of Protonated Methyl Benzoate: Concomitant Neutral Eliminations of Benzene, Carbon Dioxide, and Methanol. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 1601-1610.	1.2	5
28	Collision-induced dissociation processes of protonated benzoic acid and related compounds: competitive generation of protonated carbon dioxide or protonated benzene. <i>Journal of Mass Spectrometry</i> , 2017, 52, 230-238.	0.7	18
29	Influence of Ionization Source Conditions on the Gas-Phase Protomer Distribution of Anilinium and Related Cations. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 1575-1586.	1.2	37
30	Detection and imaging of chrome yellow (lead chromate) in latent prints, solid residues, and minerals by laser-desorption/ionization mass spectrometry (LDI-MS). <i>Journal of Mass Spectrometry</i> , 2017, 52, 347-352.	0.7	8
31	Untrapping Kinetically Trapped Ions: The Role of Water Vapor and Ion-Source Activation Conditions on the Gas-Phase Protomer Ratio of Benzocaine Revealed by Ion-Mobility Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 2580-2587.	1.2	37
32	Reply to the Comment on: "Nominal Mass?" by Athula B. Attygalle and Julius Pavlov, <i>Am. Soc. Mass Spectrom.</i> 28, 1737-1738 (2017). <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 2726-2727.	1.2	1
33	Nominal Mass?. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 1737-1738.	1.2	6
34	Oxidative Ionization Under Certain Negative-Ion Mass Spectrometric Conditions. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 270-277.	1.2	15
35	Competitive homolytic and heterolytic decomposition pathways of gas-phase negative ions generated from aminobenzoate esters. <i>Journal of Mass Spectrometry</i> , 2016, 51, 245-253.	0.7	7
36	Effect of Electrospray Ionization Source Conditions on the Tautomer Distribution of Deprotonated $\text{p}$ -Hydroxybenzoic Acid in the Gas Phase. <i>Analytical Chemistry</i> , 2016, 88, 6035-6043.	3.2	49

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37	Formation of Carbamate Anions by the Gas-phase Reaction of Anilide Ions with CO <sub>2</sub> . Journal of the American Society for Mass Spectrometry, 2016, 27, 927-939.	1.2	7
38	Competitive Deprotonation and Superoxide [O <sub>2</sub> <sup>-</sup> ] Radical-Anion Adduct Formation Reactions of Carboxamides under Negative-Ion Atmospheric-Pressure Helium-Plasma Ionization (HePI) Conditions. Journal of the American Society for Mass Spectrometry, 2016, 27, 394-401.	1.2	10
39	Regulated In Situ Generation of Molecular Ions or Protonated Molecules under Atmospheric-Pressure Helium-Plasma-Ionization Mass Spectrometric Conditions. Journal of the American Society for Mass Spectrometry, 2015, 26, 1252-1255.	1.2	5
40	Ambulation of Incipient Proton during Gas-Phase Dissociation of Protonated Alkyl Dihydrocinnamates. Journal of Organic Chemistry, 2015, 80, 9468-9479.	1.7	9
41	Selectivity of gas-phase ion/molecule reaction of carbon dioxide with phenide ions. Journal of Mass Spectrometry, 2014, 49, 692-699.	0.7	8
42	Gas-phase fragmentation of metal adducts of alkali-metal oxalate salts. Journal of Mass Spectrometry, 2014, 49, 195-200.	0.7	5
43	Direct Detection of Solid Inorganic Mercury Salts at Ambient Pressure by Electron-Capture and Reaction-Assisted HePI Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2014, 25, 149-153.	1.2	7
44	Direct detection and identification of active pharmaceutical ingredients in intact tablets by helium plasma ionization (HePI) mass spectrometry. Journal of Pharmaceutical Analysis, 2014, 4, 166-172.	2.4	9
45	Determination of low levels of <sup>2</sup> H-labeling using high-resolution mass spectrometry: Application in studies of lipid flux and beyond. Rapid Communications in Mass Spectrometry, 2014, 28, 239-244.	0.7	14
46	A Distonic Radical-Ion for Detection of Traces of Adventitious Molecular Oxygen (O <sub>2</sub> ) in Collision Gases Used in Tandem Mass Spectrometers. Journal of the American Society for Mass Spectrometry, 2014, 25, 1670-1673.	1.2	4
47	Real-Time Monitoring of In Situ Gas-Phase H/D Exchange Reactions of Cations by Atmospheric Pressure Helium Plasma Ionization Mass Spectrometry (HePI-MS). Analytical Chemistry, 2014, 86, 928-935.	3.2	19
48	Self-Defensive Layer-by-Layer Films with Bacteria-Triggered Antibiotic Release. ACS Nano, 2014, 8, 7733-7745.	7.3	238
49	Low-Energy Collision-Induced Dissociation Mass Spectra of Protonated <i>p</i> -Toluenesulfonamides Derived from Aliphatic Amines. Journal of the American Society for Mass Spectrometry, 2014, 25, 1068-1078.	1.2	8
50	Circumambulatory Movement of Negative Charge (œRing Walk) during Gas-Phase Dissociation of 2,3,4-Trimethoxybenzoate Anion. Journal of Organic Chemistry, 2014, 79, 4378-4389.	1.7	9
51	Gas-Phase Fragmentations of Anions Derived from N-Phenyl Benzenesulfonamides. Journal of the American Society for Mass Spectrometry, 2013, 24, 1280-1287.	1.2	22
52	Pygidial gland chemistry and potential alarm-recruitment function in column foraging, but not solitary, Nearctic Messor harvesting ants (Hymenoptera: Formicidae: Myrmicinae). Journal of Insect Physiology, 2013, 59, 863-869.	0.9	10
53	Bioactive Compounds in <i>Moringa oleifera</i> : Isolation, Structure Elucidation, and Their Antiproliferative Properties. ACS Symposium Series, 2013, , 203-219.	0.5	1
54	Direct Detection of Inorganic Nitrate Salts by Ambient Pressure Helium-Plasma Ionization Mass Spectrometry. Analytical Chemistry, 2013, 85, 278-282.	3.2	20

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55	Enhancement of laser desorption ionization mass spectrometric signals of cesium iodide by elemental sulfur. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 763-766.	0.7	13
56	Formation of the bisulfite anion ( $\text{HSO}_3^-$ ), $m/z$ 81 upon collision-induced dissociation of anions derived from organic sulfonic acids. <i>Journal of Mass Spectrometry</i> , 2012, 47, 529-538.	0.7	14
57	Quantification and remote detection of nitro explosives by helium plasma ionization mass spectrometry (HePI-MS) on a modified atmospheric pressure source designed for electrospray ionization. <i>Journal of Mass Spectrometry</i> , 2012, 47, 845-852.	0.7	35
58	A Combined Desorption Ionization by Charge Exchange (DICE) and Desorption Electrospray Ionization (DESI) Source for Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2011, 22, 173-178.	1.2	11
59	Aliphatic Hydrocarbon Spectra by Helium Ionization Mass Spectrometry (HIMS) on a Modified Atmospheric-Pressure Source Designed for Electrospray Ionization. <i>Journal of the American Society for Mass Spectrometry</i> , 2011, 22, 1395-1402.	1.2	42
60	Meta Elimination, a Diagnostic Fragmentation in Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2011, 22, 1515-1525.	1.2	2
61	Localization of Fatty Acyl and Double Bond Positions in Phosphatidylcholines Using a Dual Stage CID Fragmentation Coupled with Ion Mobility Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2011, 22, 1552-1567.	1.2	104
62	Mild route to generate gaseous metal anions. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 681-688.	0.7	20
63	Collision-induced dissociation mass spectra of positive ions derived from tetrahydropyranyl (THP) ethers of primary alcohols. <i>Journal of Mass Spectrometry</i> , 2011, 46, 12-23.	0.7	3
64	Generation of gas-phase sodiated arenes such as		

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73	Generation and detection of gaseous W12O41 <sup>+</sup> and other tungstate anions by laser desorption ionization mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2009, 20, 1782-1789.	1.2	15
74	Orange/lemon-scented beetles: opposite enantiomers of limonene as major constituents in the defensive secretion of related carabids. <i>Die Naturwissenschaften</i> , 2009, 96, 1443-1449.	0.6	11
75	Loss of benzene to generate an enolate anion by a site-specific double-hydrogen transfer during CID fragmentation of <i>ortho</i> -alkyl ethers of <i>ortho</i> -hydroxybenzoic acids. <i>Journal of Mass Spectrometry</i> , 2008, 43, 1224-1234.	0.7	18
76	Low-energy collision-induced fragmentation of negative ions derived from diesters of aliphatic dicarboxylic acids made with hydroxybenzoic acids. <i>Journal of Mass Spectrometry</i> , 2008, 43, 1502-1511.	0.7	6
77	Ortho effect in electron ionization mass spectrometry of <i>N</i> -acylanilines bearing a proximal halo substituent. <i>Journal of the American Society for Mass Spectrometry</i> , 2008, 19, 1114-1118.	1.2	25
78	Biosynthetic studies of platencin. <i>Tetrahedron Letters</i> , 2008, 49, 5755-5758.	0.7	30
79	Synthesis of Positively Charged Silver Nanoparticles via Photoreduction of AgNO <sub>3</sub> in Branched Polyethyleneimine/HEPES Solutions. <i>Langmuir</i> , 2007, 23, 9836-9843.	1.6	138
80	Biosynthetic Studies of Platensimycin. <i>Journal of the American Chemical Society</i> , 2007, 129, 15422-15423.	6.6	72
81	Synthesis of [2,3,4,5,6- <sup>2</sup> H <sub>5</sub> ]phenyl glucosinolate. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2007, 50, 711-715.	0.5	5
82	LC/MS characterization of undesired products formed during iodoacetamide derivatization of sulfhydryl groups of peptides. <i>Journal of Mass Spectrometry</i> , 2007, 42, 233-243.	0.7	60
83	Low-energy collision-induced fragmentation of negative ions derived from <i>ortho</i> -, <i>meta</i> -, and <i>para</i> -hydroxyphenyl carbaldehydes, ketones, and related compounds. <i>Journal of Mass Spectrometry</i> , 2007, 42, 1207-1217.	0.7	37
84	Corrigendum to "An unprecedented ortho effect in mass spectrometric fragmentation of even-electron negative ions from hydroxyphenyl carbaldehydes and ketones". <i>Tetrahedron Letters</i> , 2007, 48, 3485.	0.7	2
85	Characterization of (E,E)-farnesol and its fatty acid esters from anal scent glands of nutria ( <i>Myocastor coypus</i> ) by gas chromatography-mass spectrometry and gas chromatography-infrared spectrometry. <i>Journal of Chromatography A</i> , 2007, 1165, 136-143.	1.8	18
86	Surface modification of protein nanocontainers and their self-directing character in polymer blends. <i>Polymer</i> , 2007, 48, 3632-3640.	1.8	31
87	Identification of three novel peptides isolated from the venom of the neotropical social wasp <i>Polistes major</i> . <i>Journal of Peptide Science</i> , 2007, 13, 445-450.	0.8	15
88	Complex chemical communication in the crazy ant <i>Paratrechina longicornis</i> Latreille (Hymenoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.6	29
89	Structure and function of Dufour gland pheromones from the crazy ant <i>Paratrechina longicornis</i> . <i>Chemoecology</i> , 2007, 17, 63-69.	0.6	21
90	Hydroquinones from defensive secretion of a giant Pacific millipede, <i>Acladocricus setigerus</i> (Diplopoda: Spirobolida). <i>Chemoecology</i> , 2007, 17, 131-138.	0.6	19

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91	Biosynthesis of Tiglic, Ethacrylic, and 2-Methylbutyric Acids in a Carabid Beetle, <i>Pterostichus (Hypherpes) californicus</i> . <i>Journal of Chemical Ecology</i> , 2007, 33, 963-970.	0.9	23
92	An unexpected ion-molecule adduct in negative-ion collision-induced decomposition ion-trap mass spectra of halogenated benzoic acids. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 2265-2270.	0.7	30
93	An unprecedented ortho effect in mass spectrometric fragmentation of even-electron negative ions from hydroxyphenyl carbaldehydes and ketones. <i>Tetrahedron Letters</i> , 2006, 47, 4601-4603.	0.7	22
94	A Feeding Stimulant for <i>Manduca sexta</i> from <i>Solanum surattenses</i> . <i>Journal of Chemical Ecology</i> , 2006, 32, 2687-2694.	0.9	5
95	An unprecedented rearrangement in collision-induced mass spectrometric fragmentation of protonated benzylamines. <i>Journal of Mass Spectrometry</i> , 2006, 41, 1195-1204.	0.7	41
96	Location of double bonds in diene and triene acetates by partial reduction followed by methylthiolation. <i>Journal of Chromatography A</i> , 2005, 1077, 57-67.	1.8	11
97	Distribution of the Chuuk Islands Giant Millipede, <i>Acladocricus setigerus</i> (Spirobolida: Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tf 50 50 0,2		
98	Defensive Chemicals of Two Species of <i>Trachypachus</i> Motschulski. <i>Journal of Chemical Ecology</i> , 2004, 30, 577-588.	0.9	22
99	Isobutylamides of Unsaturated Fatty Acids from <i>Chrysanthemum morifolium</i> Associated with Host-Plant Resistance against the Western Flower Thrips. <i>Journal of Natural Products</i> , 2003, 66, 1229-1231.	1.5	24
100	New Non-Glycosidic Diterpenes from the Leaves of <i>Stevia rebaudiana</i> . <i>Journal of Natural Products</i> , 2003, 66, 1395-1398.	1.5	19
101	Reptilian chemistry: volatile compounds from paracloacal glands of the American crocodile ( <i>Crocodylus acutus</i> ). <i>Journal of Chemical Ecology</i> , 2002, 28, 769-781.	0.9	12
102	Collisionally-induced dissociation mass spectra of organic sulfate anions. <i>Perkin Transactions II RSC</i> , 2001, , 498-506.	1.1	55
103	A Cyanoallyl Glucoside from <i>Alliaria petiolata</i> , as a Feeding Deterrent for Larvae of <i>Pieris napi</i> L. <i>Journal of Natural Products</i> , 2001, 64, 440-443.	1.5	48
104	Spray mechanism of crepidogastrine bombardier beetles (Carabidae; Crepidogastrini). <i>Chemoecology</i> , 2001, 11, 209-219.	0.6	15
105	Evaluation of the synthetic major component of the sex pheromone of <i>Tuta absoluta</i> (Meyrick) (Lepidoptera: Gelechiidae). <i>Journal of Chemical Ecology</i> , 2001, 27, 907-917.	0.9	27
106	Dual chemical barriers protect a plant against different larval stages of an insect. <i>Journal of Chemical Ecology</i> , 2001, 27, 1575-1583.	0.9	65
107	Cycloalkene budding: mass spectrometric studies of competitive and dual cycloalkene extrusion reactions from doubly unsaturated aldehyde N,N-dimethylhydrazones. <i>Rapid Communications in Mass Spectrometry</i> , 2000, 14, 1105-1109.	0.7	1
108	New defensive chemical data for ground beetles (Coleoptera: Carabidae): interpretations in a phylogenetic framework. <i>Biological Journal of the Linnean Society</i> , 2000, 71, 459-481.	0.7	34



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109	Field Trapping of Tomato Moth, <i>Tuta absoluta</i> with Pheromone Traps. <i>Journal of Chemical Ecology</i> , 2000, 26, 875-881.	0.9	24
110	Seasonal Anointment with Millipedes in a Wild Primate: A Chemical Defense Against Insects?. <i>Journal of Chemical Ecology</i> , 2000, 26, 2781-2790.	0.9	80
111	Initial studies of mating disruption of the tomato moth, <i>Tuta absoluta</i> (Lepidoptera: Gelechiidae) using synthetic sex pheromone. <i>Journal of the Brazilian Chemical Society</i> , 2000, 11, 621-628.	0.6	45
112	Reptilian Chemistry: Enantioselective Syntheses of Novel Components from a Crocodile Exocrine Secretion. <i>Synthesis</i> , 2000, 2000, 1936-1943.	1.2	5
113	A Combinatorial Library of Macrocyclic Polyamines Produced by a Ladybird Beetle. <i>Journal of the American Chemical Society</i> , 2000, 122, 3628-3634.	6.6	18
114	Spray mechanism of the most primitive bombardier beetle ( <i>Metrius contractus</i> ). <i>Journal of Experimental Biology</i> , 2000, 203, 1265-75.	0.8	25
115	Reptilian chemistry: Characterization of a family of dieneackeronone-related steroidal esters from a crocodile secretion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 12251-12256.	3.3	9
116	Biosynthesis of epilachnene, a macrocyclic defensive alkaloid of the Mexican bean beetle. <i>Tetrahedron</i> , 1999, 55, 955-966.	1.0	13
117	Metabolic transformations of acquired lucibufagins by firefly <i>Photinus fulgens</i> . <i>Chemoecology</i> , 1999, 9, 105-112.	0.6	28
118	Single-Site Catalysts for Ring-Opening Polymerization: Synthesis of Heterotactic Poly(lactic acid) from rac-Lactide. <i>Journal of the American Chemical Society</i> , 1999, 121, 11583-11584.	6.6	565
119	A New Sinapoyl Derivative of Isovitexin 6-O- $\beta$ -D-Glucopyranoside from <i>Alliaria petiolata</i> . <i>Journal of Natural Products</i> , 1999, 62, 179-180.	1.5	9
120	CBS-4 ab initio results on the formation and stability of N-aminoazetidinium radical cation and derivatives. <i>Computational and Theoretical Chemistry</i> , 1998, 434, 207-211.	1.5	2
121	Trail Pheromone of the Myrmicine Ant <i>Aphaenogaster rudis</i> (Hymenoptera: Formicidae). <i>Die Naturwissenschaften</i> , 1998, 85, 38-41.	0.6	22
122	Trail Pheromone from the Pavan Gland of the Ant <i>Dolichoderus thoracicus</i> (Smith) Pheromones, 108 [1]. <i>Die Naturwissenschaften</i> , 1998, 85, 275-277.	0.6	15
123	Cycloalkene Budding: A Unique Rearrangement Observed in the Mass Spectra of N,N-Dimethylhydrazones of Unsaturated Aldehydes. <i>Journal of Organic Chemistry</i> , 1998, 63, 408-410.	1.7	5
124	Absolute Stereochemistry of Soulatrolide and Its Analogues. <i>Journal of Organic Chemistry</i> , 1998, 63, 1233-1238.	1.7	17
125	Chilocorine C: A New Dimeric Alkaloid from a Coccinellid Beetle, <i>Chilocorus cacti</i> 1. <i>Journal of Natural Products</i> , 1998, 61, 598-601.	1.5	19
126	Combinatorial Chemistry in Insects: A Library of Defensive Macrocyclic Polyamines. , 1998, 281, 428-431.		62



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127	Polyazamacrolides from ladybird beetles: Ring-size selective oligomerization. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 13387-13391.	3.3	19
128	Mirasorvone: A masked 20-ketopregnane from the defensive secretion of a diving beetle ( <i>Thermonectus</i> ). <i>Tetrahedron Letters</i> , 1998, 29, 2733-2737.	3.3	12
129	Rendering the inedible edible: Circumvention of a millipede's chemical defense by a predaceous beetle larva ( <i>Phengodidae</i> ). Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 1108-1113.	3.3	49
130	<i>Microchemical Techniques</i> , 1998, 27, 207-294.		19
131	Defensive production of formic acid (80%) by a carabid beetle ( <i>Galerita lecontei</i> ). Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 6792-6797.	3.3	34
132	Pyrrolidino-oxazolidine Alkaloids from Two Species of Ladybird Beetles. <i>Journal of Natural Products</i> , 1997, 60, 755-759.	1.5	15
133	Characterization of Vinyl-Substituted, Carbon-Carbon Double Bonds by GC/FT-IR Analysis. <i>Analytical Chemistry</i> , 1997, 69, 1827-1836.	3.2	46
134	Mellein, a Trail Pheromone Component of the Ant <i>Lasius fuliginosus</i> . <i>Journal of Chemical Ecology</i> , 1997, 23, 779-792.	0.9	27
135	Trail Pheromone of the Ponerine Ant <i>Leptogenys peuqueti</i> (Hymenoptera: Formicidae): A Multicomponent Mixture of Related Compounds Pheromones 104 [1]. <i>Die Naturwissenschaften</i> , 1997, 84, 122-125.	0.6	15
136	Absolute configuration of insect-produced epilachnene. <i>Tetrahedron Letters</i> , 1997, 38, 2787-2790.	0.7	17
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148	Gas-Phase Infrared Spectroscopy for Determination of Double-Bond Configuration of Some Polyunsaturated Pheromones and Related Compounds. <i>Analytical Chemistry</i> , 1995, 67, 1558-1567.	3.2	17
149	Trail Pheromone of Two Formicine Ants, <i>Camponotus silvicola</i> and <i>C. rufipes</i> (Hymenoptera:) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf</i>	0.6	15
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