Athula Attygalle

List of Publications by Year
in descending order

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204	5,154	109264	138417
papers	citations	35 h-index	58 g-index

218	218	218	4627
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Single-Site Catalysts for Ring-Opening Polymerization:Â Synthesis of Heterotactic Poly(lactic acid) fromrac-Lactide. Journal of the American Chemical Society, 1999, 121, 11583-11584.	6.6	565
2	Self-Defensive Layer-by-Layer Films with Bacteria-Triggered Antibiotic Release. ACS Nano, 2014, 8, 7733-7745.	7.3	238
3	Chemicals from the glands of ants. Chemical Society Reviews, 1984, 13, 245.	18.7	186
4	Synthesis of Positively Charged Silver Nanoparticles via Photoreduction of AgNO₃ in Branched Polyethyleneimine/HEPES Solutions. Langmuir, 2007, 23, 9836-9843.	1.6	138
5	Localization of Fatty Acyl and Double Bond Positions in Phosphatidylcholines Using a Dual Stage CID Fragmentation Coupled with Ion Mobility Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2011, 22, 1552-1567.	1.2	104
6	Seasonal Anointment with Millipedes in a Wild Primate: A Chemical Defense Against Insects?. Journal of Chemical Ecology, 2000, 26, 2781-2790.	0.9	80
7	Biosynthetic Studies of Platensimycin. Journal of the American Chemical Society, 2007, 129, 15422-15423.	6.6	72
8	Dual chemical barriers protect a plant against different larval stages of an insect. Journal of Chemical Ecology, 2001, 27, 1575-1583.	0.9	65
9	Azamacrolides: a family of alkaloids from the pupal defensive secretion of a ladybird beetle (Epilachna) Tj ETQq1 1 0.784314 rgBT /Ov 5204-5208.	3.3	63
10	Technique for injecting intact glands for analysis of sex pheromones of Lepidoptera by capillary gas chromatography. Journal of Chemical Ecology, 1987, 13, 1299-1311.	0.9	62
11	Combinatorial Chemistry in Insects: A Library of Defensive Macrocyclic Polyamines. , 1998, 281, 428-431.		62
12	LC/MS characterization of undesired products formed during iodoacetamide derivatization of sulfhydryl groups of peptides. Journal of Mass Spectrometry, 2007, 42, 233-243.	0.7	60
13	Ant Trail Pheromones. Advances in Insect Physiology, 1985, , 1-30.	1.1	58
14	Alkaloids of the Mexican Bean Beetle, Epilachna varivestis (Coccinellidae). Tetrahedron, 1993, 49, 9333-9342.	1.0	56
15	Collisionally-induced dissociation mass spectra of organic sulfate anions. Perkin Transactions II RSC, 2001, , 498-506.	1.1	55
16	Chemical composition and function of metapleural gland secretion of the ant,Crematogaster deformis smith (hymenoptera: Myrmicinae). Journal of Chemical Ecology, 1989, 15, 317-328.	0.9	49
17	Rendering the inedible edible: Circumvention of a millipede's chemical defense by a predaceous beetle larva (Phengodidae). Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 1108-1113.	3.3	49
18	Effect of Electrospray Ionization Source Conditions on the Tautomer Distribution of Deprotonated p-Hydroxybenzoic Acid in the Gas Phase. Analytical Chemistry, 2016, 88, 6035-6043.	3.2	49

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19	A Cyanoallyl Glucoside fromAlliariapetiolata, as a Feeding Deterrent for Larvae ofPierisnapioleracea. Journal of Natural Products, 2001, 64, 440-443.	1.5	48
20	Characterization of Vinyl-Substituted, Carbonâ^'Carbon Double Bonds by GC/FT-IR Analysis. Analytical Chemistry, 1997, 69, 1827-1836.	3.2	46
21	Defensive Production Of Quinoline By A Phasmid Insect (Oreophoetes Peruana). Journal of Experimental Biology, 1997, 200, 2493-2500.	0.8	46
22	Pheromones in Nanogram Quantities: Structure Determination by Combined Microchemical and Gas Chromatographic Methods [New Analytical Methods (35)]. Angewandte Chemie International Edition in English, 1988, 27, 460-478.	4.4	45
23	(3R,4S)-Methyl-3-heptanol, the trail pheromone of the ant Leptogenys diminuta. Die Naturwissenschaften, 1988, 75, 315-317.	0.6	45
24	Initial studies of mating disruption of the tomato moth, Tuta absoluta (Lepidoptera: Gelechiidae) using synthetic sex pheromone. Journal of the Brazilian Chemical Society, 2000, 11, 621-628.	0.6	45
25	Chilocorine: heptacyclic alkaloid from a coccinellid beetle. Tetrahedron, 1994, 50, 2365-2372.	1.0	43
26	Chemical egg defense in a green lacewing (Ceraeochrysa smithi). Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 3280-3283.	3.3	42
27	Aliphatic Hydrocarbon Spectra by Helium Ionization Mass Spectrometry (HIMS) on a Modified Atmospheric-Pressure Source Designed for Electrospray Ionization. Journal of the American Society for Mass Spectrometry, 2011, 22, 1395-1402.	1.2	42
28	Versatile microreactor and extractor. Analytical Chemistry, 1986, 58, 3054-3058.	3.2	41
29	(3E,8Z,11Z)-3,8,11-Tetradecatrienyl acetate, major sex pheromone component of the tomato pest Scrobipalpuloides absoluta (Lepidoptera: Gelechiidae). Bioorganic and Medicinal Chemistry, 1996, 4, 305-314.	1.4	41
30	An unprecedented rearrangement in collision-induced mass spectrometric fragmentation of protonated benzylamines. Journal of Mass Spectrometry, 2006, 41, 1195-1204.	0.7	41
31	Desorption ionization by charge exchange (DICE) for sample analysis under ambient conditions by mass spectrometry. Journal of the American Society for Mass Spectrometry, 2010, 21, 1554-1560.	1.2	39
32	Regulatory steps in sex pheromone biosynthesis inMamestra brassicae L. (Lepidoptera: Noctuidae). Experientia, 1989, 45, 778-781.	1.2	38
33	Contents of dufour glands of workers of three species ofTetramorium (Hymenoptera: Formicidae). Journal of Chemical Ecology, 1986, 12, 669-685.	0.9	37
34	Lowâ€energy collisionâ€induced fragmentation of negative ions derived from orthoâ€, metaâ€, and paraâ€hydroxyphenyl carbaldehydes, ketones, and related compounds. Journal of Mass Spectrometry, 2007, 42, 1207-1217.	0.7	37
35	Influence of Ionization Source Conditions on the Gas-Phase Protomer Distribution of Anilinium and Related Cations. Journal of the American Society for Mass Spectrometry, 2017, 28, 1575-1586.	1.2	37
36	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. Journal of the American Society for Mass Spectrometry, 2017, 28, 2580-2587.	1.2	37

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37	Spirocyclic Defensive Alkaloid from a Coccinellid Beetle. Tetrahedron, 1995, 51, 8711-8718.	1.0	36
38	Trail pheromone of the ant Tetramorium caespitum L.. Die Naturwissenschaften, 1983, 70, 364-365.	0.6	35
39	Identification of trail pheromone of the antTetramorium caespitum L. (Hymenoptera: Myrmicinae). Journal of Chemical Ecology, 1984, 10, 1453-1468.	0.9	35
40	Quantification and remote detection of nitro explosives by helium plasma ionization mass spectrometry (HePIâ€MS) on a modified atmospheric pressure source designed for electrospray ionization. Journal of Mass Spectrometry, 2012, 47, 845-852.	0.7	35
41	Defensive production of formic acid (80%) by a carabid beetle (Galerita lecontei). Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 6792-6797.	3.3	34
42	New defensive chemical data for ground beetles (Coleoptera: Carabidae): interpretations in a phylogenetic framework. Biological Journal of the Linnean Society, 2000, 71, 459-481.	0.7	34
43	Collisionâ€induced dissociation mass spectra of glucosinolate anions. Journal of Mass Spectrometry, 2010, 45, 272-283.	0.7	34
44	Biosynthesis of a defensive insect alkaloid: epilachnene from oleic acid and serine.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 12790-12793.	3.3	33
45	Defensive secretion ofTenebrio molitor (Coleoptera: Tenebrionidae). Journal of Chemical Ecology, 1991, 17, 805-809.	0.9	31
46	Surface modification of protein nanocontainers and their self-directing character in polymer blends. Polymer, 2007, 48, 3632-3640.	1.8	31
47	Transformation of the gasâ€phase favored <scp>O</scp>â€protomer of <scp>p</scp>â€aminobenzoic acid to its unfavored <scp>N</scp>â€protomer by ion activation in the presence of water vapor: <scp>A</scp>n ionâ€mobility mass spectrometry study. Journal of Mass Spectrometry, 2018, 53, 353-360.	0.7	31
48	Pheromones, 71. Identification and synthesis of female sex pheromone of eri-silkworm, Samia cynthia ricini (lepidoptera: saturniidae). Tetrahedron Letters, 1989, 30, 2911-2914.	0.7	30
49	Defensive Secretion of the Millipede Floridobolus penneri. Journal of Natural Products, 1993, 56, 1700-1706.	1.5	30
50	Gas-Phase Infrared Spectroscopy for Determination of Double Bond Configuration of Monounsaturated Compounds. Analytical Chemistry, 1994, 66, 1696-1703.	3.2	30
51	An unexpected ion-molecule adduct in negative-ion collision-induced decomposition ion-trap mass spectra of halogenated benzoic acids. Rapid Communications in Mass Spectrometry, 2006, 20, 2265-2270.	0.7	30
52	Biosynthetic studies of platencin. Tetrahedron Letters, 2008, 49, 5755-5758.	0.7	30
53	Sex pheromone of tomato pestScrobipalpuloides absoluta (Lepidoptera: Gelechiidae). Journal of Chemical Ecology, 1996, 22, 787-800.	0.9	29
54	Complex chemical communication in the crazy ant Paratrechina longicornis Latreille (Hymenoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.6	29

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55	Metabolic transformations of acquired lucibufagins by firefly â€œfemmes fatalesâ€• Chemoecology, 1999, 9, 105-112.	0.6	28
56	Mellein, a Trail Pheromone Component of the Ant Lasius fuliginosus. Journal of Chemical Ecology, 1997, 23, 779-792.	0.9	27
57	Evaluation of the synthetic major component of the sex pheromone of Tuta absoluta (Meyrick) (Lepidoptera: Gelechiidae). Journal of Chemical Ecology, 2001, 27, 907-917.	0.9	27
58	Defensive secretion of two notodontid caterpillars (Schizura unicornis, S. badia). Journal of Chemical Ecology, 1993, 19, 2089-2104.	0.9	25
59	Ortho effect in electron ionization mass spectrometry of N-acylanilines bearing a proximal halo substituent. Journal of the American Society for Mass Spectrometry, 2008, 19, 1114-1118.	1.2	25
60	Spray mechanism of the most primitive bombardier beetle (Metrius contractus). Journal of Experimental Biology, 2000, 203, 1265-75.	0.8	25
61	Reaction gas chromatography without solvent for identification of nanogram quantities of natural products. Analytical Chemistry, 1983, 55, 1379-1384.	3.2	24
62	Identification of Three Sex Pheromone Components of the Female Saturniid Moth Antheraea pernyi (Lepidoptera: Saturniidae). Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1987, 42, 631-636.	0.6	24
63	Identification of a component of the trail pheromone of the ant Pheidole pallidula (Hymenoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock	0.6	24
64	Sexual dimorphism in the defensive secretion of a carabid beetle. Experientia, 1991, 47, 296-299.	1.2	24
65	Field Trapping of Tomato Moth, Tuta absoluta with Pheromone Traps. Journal of Chemical Ecology, 2000, 26, 875-881.	0.9	24
66	Isobutylamides of Unsaturated Fatty Acids fromChrysanthemummorifoliumAssociated with Host-Plant Resistance against the Western Flower Thrips. Journal of Natural Products, 2003, 66, 1229-1231.	1.5	24
67	Structures of homofarnesene and bishomofarnesene isomers from Myrmica ants. Journal of the Chemical Society Perkin Transactions 1, 1982, , 949.	0.9	23
68	Biosynthesis of Tiglic, Ethacrylic, and 2-Methylbutyric Acids in a Carabid Beetle, Pterostichus (Hypherpes) californicus. Journal of Chemical Ecology, 2007, 33, 963-970.	0.9	23
69	Pheromones, 65. Identification of the volatile components of the mandibular gland secretion of the ant Manica rubida: Structure elucidation, synthesis, and absolute configuration of Manicone. Liebigs Annalen Der Chemie, 1988, 1988, 55-60.	0.8	22
70	Trail Pheromone of the Myrmicine Ant Aphaenogaster rudis (Hymenoptera: Formicidae). Die Naturwissenschaften, 1998, 85, 38-41.	0.6	22
71	Defensive Chemicals of Two Species of Trachypachus Motschulski. Journal of Chemical Ecology, 2004, 30, 577-588.	0.9	22
72	An unprecedented ortho effect in mass spectrometric fragmentation of even-electron negative ions from hydroxyphenyl carbaldehydes and ketones. Tetrahedron Letters, 2006, 47, 4601-4603.	0.7	22

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73	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
74	Structure and function of Dufour gland pheromones from the crazy ant Paratrechina longicornis. Chemoecology, 2007, 17, 63-69.	0.6	21
75	Defensive secretion of a carabid beetle,Helluomorphoides clairvillei. Journal of Chemical Ecology, 1992, 18, 489-498.	0.9	20
76	Determination of double-bond position in some unsaturated terpenes and other branched compounds by alkylthiolation. Analytical Chemistry, 1993, 65, 2528-2533.	3.2	20
77	Mild route to generate gaseous metal anions. Rapid Communications in Mass Spectrometry, 2011, 25, 681-688.	0.7	20
78	Direct Detection of Inorganic Nitrate Salts by Ambient Pressure Helium-Plasma Ionization Mass Spectrometry. Analytical Chemistry, 2013, 85, 278-282.	3.2	20
79	Individual Variation in the Sex Pheromone Components of the False Codling Moth, Cryptophlebia leucotreta (Lepidoptera: Tortriciade). Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1986, 41, 1077-1081.	0.6	19
80	Trail pheromone of two formicine ants,Camponotus silvicola andC. rufipes (Hymenoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td	0.6	19
81	Chilocorine C:Â A New â€œDimericâ€•Alkaloid from a Coccinellid Beetle,Chilocorus cacti1. Journal of Natural Products, 1998, 61, 598-601.	1.5	19
82	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
83	New Non-Glycosidic Diterpenes from the Leaves ofSteviarebaudiana. Journal of Natural Products, 2003, 66, 1395-1398.	1.5	19
84	Hydroquinones from defensive secretion of a giant Pacific millipede, Acladocricus setigerus (Diplopoda: Spirobolida). Chemoecology, 2007, 17, 131-138.	0.6	19
85	Hydroxycarbonyl anion (m/z 45), a diagnostic marker for Î±â€hydroxy carboxylic acids. Journal of Mass Spectrometry, 2009, 44, 252-259.	0.7	19
86	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
87	Therapeutic prognosis of prostate cancer using surfaceâ€enhanced Raman scattering of patient urine and multivariate statistical analysis. Journal of Biophotonics, 2021, 14, e202000275.	1.1	19
88	Microchemical Techniques. , 1998, , 207-294.		19
89	Microscale, random reduction: Application to the characterization of (3E,8Z,11Z)-3,8,11-tetradecatrienyl acetate, a new lepidopteran sex pheromone. Tetrahedron Letters, 1995, 36, 5471-5474.	0.7	19
90	Trail-following responses ofLeptogenys diminuta to stereoisomers of 4-methyl-3-heptanol. Experientia, 1992, 48, 690-694.	1.2	18

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91	A Combinatorial Library of Macrocyclic Polyamines Produced by a Ladybird Beetle. Journal of the American Chemical Society, 2000, 122, 3628-3634.	6.6	18
92	Characterization of (E,E)-farnesol and its fatty acid esters from anal scent glands of nutria (Myocastor coypus) by gas chromatographyâ€“mass spectrometry and gas chromatographyâ€“infrared spectrometry. Journal of Chromatography A, 2007, 1165, 136-143.	1.8	18
93	Loss of benzene to generate an enolate anion by a siteâ€specific doubleâ€hydrogen transfer during CID fragmentation of oâ€alkyl ethers of orthoâ€hydroxybenzoic acids. Journal of Mass Spectrometry, 2008, 43, 1224-1234.	0.7	18
94	Quantification and Evidence for Mechanically Metered Release of Pygidial Secretions in Formic Acid-Producing Carabid Beetles. Journal of Insect Science, 2010, 10, 1-17.	0.6	18
95	Collisionâ€induced dissociation processes of protonated benzoic acid and related compounds: competitive generation of protonated carbon dioxide or protonated benzene. Journal of Mass Spectrometry, 2017, 52, 230-238.	0.7	18
96	Impact of Ambient Vapors Present in an Electrospray Ionization Source on Gas-Phase Ion Structures. Journal of the American Society for Mass Spectrometry, 2021, 32, 725-735.	1.2	18
97	Chemical and behavioral studies on dufour gland contents ofManica rubida (Hymenoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	0.9	17
98	Biosynthesis of methacrylic acid and isobutyric acids in a carabid beetle, Scarites subterraneus. Tetrahedron Letters, 1991, 32, 4849-4852.	0.7	17
99	Gas-Phase Infrared Spectroscopy for Determination of Double-Bond Configuration of Some Polyunsaturated Pheromones and Related Compounds. Analytical Chemistry, 1995, 67, 1558-1567.	3.2	17
100	Absolute configuration of insect-produced epilachnene. Tetrahedron Letters, 1997, 38, 2787-2790.	0.7	17
101	Absolute Stereochemistry of Soulattrolide and Its Analogues. Journal of Organic Chemistry, 1998, 63, 1233-1238.	1.7	17
102	Reactivity of gaseous sodiated ions derived from benzene dicarboxylate salts toward residual water in the collision gas. Journal of Mass Spectrometry, 2010, 45, 1130-1138.	0.7	17
103	The pheromonal activity of chiral 3-octanol for Myrmica ants. Physiological Entomology, 1985, 10, 33-36.	0.6	16
104	Strukturbestimmung mit Nanogrammâ€Mengen durch Kombination mikrochemischer und gaschromatographischer Methoden am Beispiel von Pheromonen. Angewandte Chemie, 1988, 100, 475-494.	1.6	16
105	cis-Isogeraniol, a recruitment pheromone of the antLeptogenys diminuta. Die Naturwissenschaften, 1991, 78, 90-92.	0.6	16
106	Chemical and ethological studies of the trail pheromone of the ant Manica rubida (Hymenoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	15
107	PyrrolidinoÃ¶xazolidine Alkaloids from Two Species of Ladybird Beetles1. Journal of Natural Products, 1997, 60, 755-759.	1.5	15
108	Trail Pheromone of the Ponerine Ant Leptogenys peuqueti (Hymenoptera: Formicidae): A Multicomponent Mixture of Related Compounds Pheromones 104 [1]. Die Naturwissenschaften, 1997, 84, 122-125.	0.6	15

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109	Trail Pheromone from the Pavan Gland of the Ant Dolichoderus thoracicus (Smith) Pheromones, 108 [1]. Die Naturwissenschaften, 1998, 85, 275-277.	0.6	15
110	Spray mechanism of crepidogastrine bombardier beetles (Carabidae; Crepidogastrini). Chemoecology, 2001, 11, 209-219.	0.6	15
111	Identification of three novel peptides isolated from the venom of the neotropical social waspPolistes major major. Journal of Peptide Science, 2007, 13, 445-450.	0.8	15
112	Generation and detection of gaseous W12O41â^'Â· and other tungstate anions by laser desorption ionization mass spectrometry. Journal of the American Society for Mass Spectrometry, 2009, 20, 1782-1789.	1.2	15
113	Oxidative Ionization Under Certain Negative-Ion Mass Spectrometric Conditions. Journal of the American Society for Mass Spectrometry, 2017, 28, 270-277.	1.2	15
114	Trail Pheromone of Two Formicine Ants, Camponotus silvicola and C. rufipes (Hymenoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 T	0.6	15
115	Comparison of three derivatives for the enantiomeric separation of chiral alcohols and the absolute configuration of Myrmica ant 3-octanol. Journal of Chromatography A, 1983, 260, 411-417.	1.8	14
116	The Absolute Configuration of the Ant Alarm Pheromone Manicone. Angewandte Chemie International Edition in English, 1987, 26, 784-785.	4.4	14
117	Synthesis of deuterium labeled polyunsaturated fatty acids. Tetrahedron Letters, 1994, 35, 9497-9500.	0.7	14
118	Elemental sulfur as a versatile low-mass-range calibration standard for laser desorption ionization mass spectrometry. Journal of the American Society for Mass Spectrometry, 2010, 21, 112-116.	1.2	14
119	Formation of the bisulfite anion (HSO₃^{â€“}, m/z 81) upon collisionâ€induced dissociation of anions derived from organic sulfonic acids. Journal of Mass Spectrometry, 2012, 47, 529-538.	0.7	14
120	Determination of low levels of ²Hâ€labeling using highâ€resolution mass spectrometry: Application in studies of lipid flux and beyond. Rapid Communications in Mass Spectrometry, 2014, 28, 239-244.	0.7	14
121	The Contents of the Dufour Gland of the Ant Harpagoxenus sublaevis Nyl. (Hymenoptera: Formicidae). Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1987, 42, 141-146.	0.6	14
122	Identification of sex pheromone components ofSpodoptera sunia Guenï¿½e (Lepidoptera: Noctuidae). Journal of Chemical Ecology, 1988, 14, 683-690.	0.9	13
123	Tocopheryl acetates from the pupal exocrine secretion of the squash beetle,Epilachna borealis (Coccinellidae). Experientia, 1996, 52, 616-620.	1.2	13
124	Biosynthesis of epilachnene, a macrocyclic defensive alkaloid of the Mexican bean beetle. Tetrahedron, 1999, 55, 955-966.	1.0	13
125	Enhancement of laser desorption ionization mass spectrometric signals of cesium iodide by elemental sulfur. Rapid Communications in Mass Spectrometry, 2013, 27, 763-766.	0.7	13
126	Die absolute Konfiguration des Ameisenâ€Alarmpheromons Manicon. Angewandte Chemie, 1987, 99, 784-785.	1.6	12

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127	Synthesis and absolute configuration of 2-(12â€²-aminotridecyl)-pyrrolidine, a defensive alkaloid from the Mexican bean beetle, Epilachna varivestis. Tetrahedron, 1996, 52, 6859-6868.	1.0	12
128	Mirasorvone: A masked 20-ketopregnane from the defensive secretion of a diving beetle (Thermonectus) Tj ETQq0 0 0 rgBT /Overlock 10 95, 2733-2737.	3.3	12
129	Reptilian chemistry: volatile compounds from paracloacal glands of the American crocodile (Crocodylus acutus). Journal of Chemical Ecology, 2002, 28, 769-781.	0.9	12
130	Sex Pheromone of Brinjal Shoot and Pod Borer Leucinodis orbonalis GuenÃ¨e (Lepidoptera: Pyralidae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.6	11
131	Morphology and Chemical Contents of Dufour Glands of Pseudomyrmex Ants (Hymenoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.6	11
132	Chemical defense of a primitive Australian bombardier beetle (Carabidae):Mystropomus regularis. Chemoecology, 1991, 2, 29-34.	0.6	11
133	Gas phase infrared spectroscopy in characterization of unsaturated natural products. Pure and Applied Chemistry, 1994, 66, 2323-2326.	0.9	11
134	Location of double bonds in diene and triene acetates by partial reduction followed by methylthiolation. Journal of Chromatography A, 2005, 1077, 57-67.	1.8	11
135	Orange/lemon-scented beetles: opposite enantiomers of limonene as major constituents in the defensive secretion of related carabids. Die Naturwissenschaften, 2009, 96, 1443-1449.	0.6	11
136	A Combined Desorption Ionization by Charge Exchange (DICE) and Desorption Electrospray Ionization (DESI) Source for Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2011, 22, 173-178.	1.2	11
137	LC-MS analysis of p-aminosalicylic acid under electrospray ionization conditions manifests a profound solvent effect. Analyst, The, 2020, 145, 5333-5344.	1.7	11
138	Change of Dufour gland contents with age of workers of Formica sanguinea (Hymenoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302	0.6	10
139	Generation of gasâ€phase sodiated arenes such as		

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145	A New Sinapoyl Derivative of Isovitexin 6â€˜â€‰â€˜-O-Î²-d-Glucopyranoside from Alliaria petiolata. Journal of Natural Products, 1999, 62, 179-180.	1.5	9
146	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
147	Circumambulatory Movement of Negative Charge (â€œRing Walkâ€) during Gas-Phase Dissociation of 2,3,4-Trimethoxybenzoate Anion. Journal of Organic Chemistry, 2014, 79, 4378-4389.	1.7	9
148	Ambulation of Incipient Proton during Gas-Phase Dissociation of Protonated Alkyl Dihydrocinnamates. Journal of Organic Chemistry, 2015, 80, 9468-9479.	1.7	9
149	3-Methyl-1-(methylthio)-2-butene: a component in the foul-smelling defensive secretion of two Ceroglossus species (Coleoptera: Carabidae). Chemoecology, 2019, 29, 171-178.	0.6	9
150	Screening freshness of seafood by measuring trimethylamine (TMA) levels using helium-plasma ionization mass spectrometry (HePI-MS). Journal of Analytical Science and Technology, 2019, 10, .	1.0	9
151	Biosynthetic origin of benzoquinones in the explosive discharge of the bombardier beetle Brachinus elongatulus. Die Naturwissenschaften, 2020, 107, 26.	0.6	9
152	Contents of Dufour glands in some formicine ants: queens and workers of Camponotus aethiops and a reâ€examination of Lasius fuliginosus. Entomologia Experimentalis Et Applicata, 1988, 46, 109-115.	0.7	8
153	Evading metal adduct formation during desorptionâ€ionization mass spectrometry. Rapid Communications in Mass Spectrometry, 2010, 24, 2838-2842.	0.7	8
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155	Low-Energy Collision-Induced Dissociation Mass Spectra of Protonated p-Toluenesulfonamides Derived from Aliphatic Amines. Journal of the American Society for Mass Spectrometry, 2014, 25, 1068-1078.	1.2	8
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