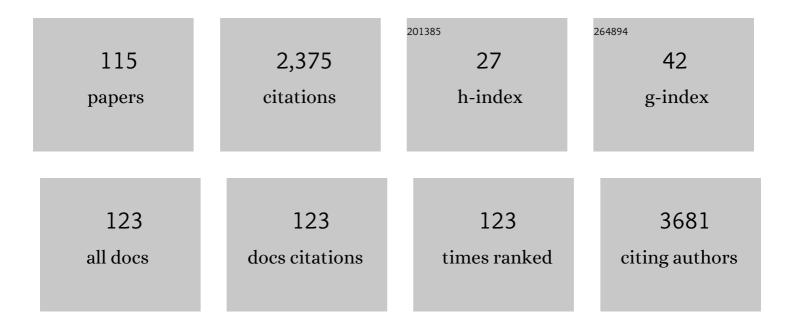
Antonio E Crotti

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Fragmentation reactions using electrospray ionization mass spectrometry: an important tool for the structural elucidation and characterization of synthetic and natural products. Natural Product Reports, 2016, 33, 432-455.	5.2	332
2	Cytotoxicity screening of essential oils in cancer cell lines. Revista Brasileira De Farmacognosia, 2015, 25, 183-188.	0.6	105
3	In VitroTrypanocidal Activity of Triterpenes fromMiconiaSpecies. Planta Medica, 2003, 69, 470-472.	0.7	80
4	Schistosomicidal Activity of the Essential Oil of Ageratum conyzoides L. (Asteraceae) against Adult Schistosoma mansoni Worms. Molecules, 2011, 16, 762-773.	1.7	64
5	The fragmentation mechanism of five-membered lactones by electrospray ionisation tandem mass spectrometry. International Journal of Mass Spectrometry, 2004, 232, 271-276.	0.7	53
6	Chemical Composition and <i>in vitro</i> Schistosomicidal Activity of the Essential Oil of <i>Plectranthus neochilus</i> Grown in Southeast Brazil. Chemistry and Biodiversity, 2011, 8, 2149-2157.	1.0	51
7	Chemical composition and antibacterial activity of essential oils from Citrus aurantifolia leaves and fruit peel against oral pathogenic bacteria. Anais Da Academia Brasileira De Ciencias, 2018, 90, 1285-1292.	0.3	50
8	Antifungal activity of plant-derived essential oils on <i>Candida tropicalis</i> planktonic and biofilms cells. Medical Mycology, 2016, 54, 515-523.	0.3	46
9	In vitro efficacy of the essential oil of Piper cubeba L. (Piperaceae) against Schistosoma mansoni. Parasitology Research, 2012, 110, 1747-1754.	0.6	43
10	Plant-derived essential oils affecting settlement and oviposition of Bemisia tabaci (Genn.) biotype B on tomato. Journal of Pest Science, 2013, 86, 301-308.	1.9	42
11	Espectrometria de massas com ionização por "electrospray": processos quÃmicos envolvidos na formação de Ãons de substâncias orgânicas de baixo peso molecular. Quimica Nova, 2006, 29, 287-292.	0.3	41
12	Fragmentation of diketopiperazines from <i>Aspergillus fumigatus</i> by electrospray ionization tandem mass spectrometry (ESIâ€MS/MS). Journal of Mass Spectrometry, 2007, 42, 1279-1286.	0.7	41
13	Lychnophorinae (asteraceae): a survey of its chemical constituents and biological activities. Quimica Nova, 2010, 33, 2245-2260.	0.3	41
14	Antileishmanial Activity of the Hydroalcoholic Extract of Miconia langsdorffii, Isolated Compounds, and Semi-Synthetic Derivatives. Molecules, 2011, 16, 1825-1833.	1.7	41
15	Anthelmintic Activity of Crude Extract and Essential Oil of <i>Tanacetum vulgare</i> (Asteraceae) against Adult Worms of <i>Schistosoma mansoni</i> . Scientific World Journal, The, 2014, 2014, 1-9.	0.8	41
16	Triple quadrupole tandem mass spectrometry of sesquiterpene lactones: a study of goyazensolide and its congeners. Journal of Mass Spectrometry, 2005, 40, 1030-1034.	0.7	40
17	In vitro and in vivo anti-Helicobacter pylori activity of Casearia sylvestris leaf derivatives. Journal of Ethnopharmacology, 2019, 233, 1-12.	2.0	39
18	Hypoglicemic effect of Leandra lacunosa in normal and alloxan-induced diabetic rats. Fìtoterapìâ, 2008, 79, 356-360.	1.1	38

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19	Bioactivity of Pelargonium graveolens essential oil and related monoterpenoids against sweet potato whitefly, Bemisia tabaci biotype B. Journal of Pest Science, 2015, 88, 191-199.	1.9	37
20	Antimicrobial Activity of the Essential Oil of <i>Plectranthus neochilus</i> against Cariogenic Bacteria. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-6.	0.5	34
21	Evaluation of the analgesic activity of extracts of Miconia rubiginosa (Melastomataceae). Phytomedicine, 2003, 10, 606-609.	2.3	31
22	Electrospray ionization mass spectrometry screening of piperidine alkaloids from Senna spectabilis (Fabaceae) extracts: fast identification of new constituents and co-metabolites. Journal of the Brazilian Chemical Society, 2005, 16, 1431-1438.	0.6	31
23	Chemical Composition, Antibacterial, Schistosomicidal, and Cytotoxic Activities of the Essential Oil of <i>Dysphania ambrosioides</i> (L.) <scp>Mosyakin</scp> & <scp>Clemants</scp> (Chenopodiaceae). Chemistry and Biodiversity, 2017, 14, e1700149.	1.0	31
24	Antileishmanial activity of Melampodium divaricatum and Casearia sylvestris essential oils on Leishmania amazonensis. Revista Do Instituto De Medicina Tropical De Sao Paulo, 2019, 61, e33.	0.5	31
25	Screening of Filamentous Fungi to Identify Biocatalysts for Lupeol Biotransformation. Molecules, 2010, 15, 6140-6151.	1.7	30
26	Antimicrobial activity of the essential oil of Tetradenia riparia (Hochst.) Codd. (Lamiaceae) against cariogenic bacteria. Brazilian Journal of Microbiology, 2015, 46, 519-525.	0.8	30
27	Copaifera duckei oleoresin as a novel alternative for treatment of monogenean infections in pacu Piaractus mesopotamicus. Aquaculture, 2017, 471, 72-79.	1.7	30
28	Identification of biologically active triterpenes and sterols present in hexane extracts fromMiconia species using high-resolution gas chromatography. Biomedical Chromatography, 2006, 20, 827-830.	0.8	28
29	Copaiba Oil Suppresses Inflammatory Cytokines in Splenocytes of C57Bl/6 Mice Induced with Experimental Autoimmune Encephalomyelitis (EAE). Molecules, 2014, 19, 12814-12826.	1.7	28
30	Biomimetic Oxidation of Piperine and Piplartine Catalyzed by Iron(III) and Manganese(III) Porphyrins. Biological and Pharmaceutical Bulletin, 2010, 33, 912-916.	0.6	27
31	In vitro schistosomicidal effects of the essential oil of Tagetes erecta. Revista Brasileira De Farmacognosia, 2012, 22, 88-93.	0.6	27
32	Chemical composition and evaluation of antileishmanial and cytotoxic activities of the essential oil from leaves of Cryptocarya aschersoniana Mez. (Lauraceae Juss.). Anais Da Academia Brasileira De Ciencias, 2018, 90, 2671-2678.	0.3	27
33	Iron-alumina materials prepared by the non-hydrolytic sol–gel route: Synthesis, characterization and application in hydrocarbons oxidation using hydrogen peroxide as oxidant. Applied Catalysis A: General, 2010, 389, 147-154.	2.2	25
34	Fragmentation of plumeran indole alkaloids from <i>Aspidosperma spruceanum</i> by electrospray ionization tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2010, 24, 295-308.	0.7	25
35	Chemical composition, antischistosomal and cytotoxic effects of the essential oil of Lavandula angustifolia grown in Southeastern Brazil. Revista Brasileira De Farmacognosia, 2013, 23, 877-884.	0.6	25
36	Aplicação da quÃmica quântica computacional no estudo de processos quÃmicos envolvidos em espectrometria de massas. Quimica Nova, 2008, 31, 840-853.	0.3	24

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37	Anthelmintic Effects of the Essential Oil of Fennel (<i>Foeniculum vulgare</i> <scp>Mill</scp> .,) Tj ETQq1 1 0.78	4314 rgBT 1.0	Qyerlock 1
38	Direct Analysis of Amphetamine Stimulants in a Whole Urine Sample by Atmospheric Solids Analysis Probe Tandem Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2016, 27, 944-947.	1.2	22
39	Gasâ€phase dissociation of 1,4â€naphthoquinone derivative anions by electrospray ionization tandem mass spectrometry. Journal of Mass Spectrometry, 2009, 44, 1224-1233.	0.7	21
40	Gasâ€phase fragmentation of γâ€lactone derivatives by electrospray ionization tandem mass spectrometry. Journal of Mass Spectrometry, 2009, 44, 1733-1741.	0.7	21
41	Chemical Composition and Antimicrobial Activity of the Essential Oil of <i>Artemisia absinthium</i> Asteraceae Leaves. Journal of Essential Oil-bearing Plants: JEOP, 2017, 20, 123-131.	0.7	21
42	Geraniol and linalool anticandidal activity, genotoxic potential and embryotoxic effect on zebrafish. Future Microbiology, 2018, 13, 1637-1646.	1.0	21
43	Biological properties of volatile oil from Brazilian brown propolis. Revista Brasileira De Farmacognosia, 2019, 29, 807-810.	0.6	21
44	Chemical composition and biological activities of essential oil from flowers of Psidium guajava (Myrtaceae). Brazilian Journal of Biology, 2021, 81, 728-736.	0.4	20
45	Dereplication of <i>Streptomyces</i> sp. AMC 23 polyether ionophore antibiotics by accurate-mass electrospray tandem mass spectrometry. Journal of Mass Spectrometry, 2014, 49, 1117-1126.	0.7	17
46	Essential Oil from Psidium cattleianum Sabine (Myrtaceae) Fresh Leaves: Chemical Characterization and in vitro Antibacterial Activity Against Endodontic Pathogens. Brazilian Archives of Biology and Technology, 0, 63, .	0.5	16
47	Brazilian Green Propolis: Chemical Composition of Essential Oil and Their In Vitro Antioxidant, Antibacterial and Antiproliferative Activities. Brazilian Archives of Biology and Technology, 0, 63, .	0.5	16
48	Total assignment of1H and13C NMR data for the sesquiterpene lactone 15-deoxygoyazensolide. Magnetic Resonance in Chemistry, 2004, 42, 364-367.	1.1	15
49	Electrospray MSâ€based characterization of βâ€carbolines – mutagenic constituents of thermally processed meat. Molecular Nutrition and Food Research, 2010, 54, 433-439.	1.5	15
50	Hepatoprotective effect of Rosmarinus officinalis and rosmarinic acid on acetaminophen-induced liver damage. Emirates Journal of Food and Agriculture, 2014, 26, 878.	1.0	15
51	Schistosomicidal Effects of the Essential Oils of <i>Citrus limonia</i> and <i>Citrus reticulata</i> Against <i>Schistosoma mansoni</i> . Chemistry and Biodiversity, 2017, 14, e1600194.	1.0	15
52	In vitro evaluation of essential oils for potential antibacterial effects against <i>Xylella fastidiosa</i> . Journal of Phytopathology, 2018, 166, 790-798.	0.5	15
53	Antifeedant and allelopathic activities of the hydroalcoholic extract obtained from Neem (Azadirachta indica) leaves. Revista Brasileira De Farmacognosia, 2007, 17, 529-532.	0.6	15
54	Chemical Composition and Antibacterial Activity of the Essential Oil of Vitex agnus-castus L. (Lamiaceae). Anais Da Academia Brasileira De Ciencias, 2017, 89, 2825-2832.	0.3	14

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55	<i>Eugenia pyriformis</i> Cambess: a species of the Myrtaceae family with bioactive essential oil. Natural Product Research, 2019, , 1-5.	1.0	13
56	Electrospray ionization tandem mass spectrometry of labdaneâ€ŧype acid diterpenes. Journal of Mass Spectrometry, 2018, 53, 1086-1096.	0.7	12
57	Sesquiterpene lactones from Minasia alpestris. Journal of the Brazilian Chemical Society, 2005, 16, 677-680.	0.6	11
58	Botanical extracts: alternative control for silverleaf whitefly management in tomato Extratos botânicos: controle alternativo para o manejo de mosca-branca em tomateiro. Horticultura Brasileira, 2015, 33, 59-65.	0.1	11
59	Fragmentation of 2â€aroylbenzofuran derivatives by electrospray ionization tandem mass spectrometry. Journal of Mass Spectrometry, 2017, 52, 809-816.	0.7	11
60	<i>Costus spiralis</i> (<scp>Jacq</scp> .) <scp>Roscoe</scp> : A Novel Source of Flavones with <i>α</i> â€Clycosidase Inhibitory Activity. Chemistry and Biodiversity, 2018, 15, e1700421.	1.0	11
61	Antimicrobial Activity of Monoketone Curcuminoids Against Cariogenic Bacteria. Chemistry and Biodiversity, 2018, 15, e1800216.	1.0	11
62	Schistosomicidal Activity of Dihydrobenzofuran Neolignans. Chemistry and Biodiversity, 2018, 15, e1800134.	1.0	11
63	Chemical composition of essential oils from different parts of Protium heptaphyllum (Aubl.) Marchand and their in vitro antibacterial activity. Natural Product Research, 2020, 34, 2378-2383.	1.0	11
64	Synthesis of 7-Hydroperoxycholesterol and Its Separation, Identification, and Quantification in Cholesterol Heated Model Systems. Journal of Agricultural and Food Chemistry, 2010, 58, 10226-10230.	2.4	10
65	Chemical composition and <i>in vitro</i> antileishmanial and cytotoxic activities of the essential oils of <i>Ocotea dispersa</i> (Nees) Mez and <i>Ocotea odorifera</i> (Vell) Rohwer (Lauraceae). Natural Product Research, 2018, 32, 2865-2868.	1.0	10
66	Chemical constituents of essential oil from Murraya paniculata leaves and its application to in vitro biological control of the fungus Sclerotinia sclerotiorum. Food Science and Technology, 2019, 39, 413-417.	0.8	10
67	Chemical Composition and Schistosomicidal Activity of Essential Oils of Two Piper Species from the Amazon Region. Journal of Essential Oil-bearing Plants: JEOP, 2019, 22, 811-820.	0.7	10
68	Copaiba oil suppresses inflammation in asthmatic lungs of BALB/c mice induced with ovalbumin. International Immunopharmacology, 2020, 80, 106177.	1.7	10
69	Antimicrobial activity of Aegiphila sellowiana Cham., Lamiaceae, against oral pathogens. Revista Brasileira De Farmacognosia, 2010, 20, 246-249.	0.6	10
70	Synergism between essential oils: A promising alternative to control Sitophilus zeamais (Coleoptera:) Tj ETQq0 C	0 _{[9} вт /О	verlock 10 Tf
71	Genotoxicity of 15-deoxygoyazensolide in bacteria and yeast. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2007, 631, 16-25.	0.9	9

72In Vitro Metabolism of Artepillin C by Rat and Human Liver Microsomes. Planta Medica, 2017, 83, 737-745.0.79

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73	2D Raman spectroscopy as an alternative technique for distinguishing oleanoic acid and ursolic acid. Journal of Molecular Structure, 2006, 799, 141-145.	1.8	8
74	Metabolic response induced by endophytic fungi and bacteria in H. marrubioides Epling in vitro microplants. Quimica Nova, 2013, 36, 1014-1020.	0.3	8
75	Screening of plant extracts from the Brazilian Cerrado for theirin vitrotrypanocidal activity. Pharmaceutical Biology, 2009, 47, 744-749.	1.3	7
76	Two Novel Plumeran Indole Alkaloids Isolated from <i>Aspidosperma cylindrocarpon</i> (Apocynaceae). Helvetica Chimica Acta, 2013, 96, 1793-1800.	1.0	7
77	Gasâ€phase fragmentation reactions of protonated cocaine: New details to an old story. Journal of Mass Spectrometry, 2018, 53, 203-213.	0.7	7
78	Bioactivity of selected plant-derived essential oils against Zabrotes subfasciatus (Coleoptera:) Tj ETQq0 0 0 rgBT	/Oyerlock 1.2	10 Tf 50 542
79	Spruceanumines A and B, novel plumeran indole alkaloids from Aspidosperma spruceanum(Apocynaceae). Journal of the Brazilian Chemical Society, 2009, 20, 753-759.	0.6	6
80	Biological properties and chemical composition of essential oil from Nectandra megapotamica (Spreng.) Mez. leaves (Lauraceae). Natural Product Research, 2020, 34, 3149-3153.	1.0	6
81	Antibacterial activity of essential oils from Brazilian plants and their major constituents against foodborne pathogens and spoilage bacteria. Journal of Essential Oil Research, 2022, 34, 195-202.	1.3	6
82	Antibacterial Activity of Essential Oils against Oral Pathogens. Chemistry and Biodiversity, 2022, , .	1.0	6
83	Antischistosomal and Cytotoxic Effects of the Essential Oil of <i>Tetradenia riparia</i> (Lamiaceae). Natural Product Communications, 2015, 10, 1934578X1501000.	0.2	5
84	Precursor Ion Scan Mode-Based Strategy for Fast Screening of Polyether Ionophores by Copper-Induced Gas-Phase Radical Fragmentation Reactions. Analytical Chemistry, 2017, 89, 3929-3936.	3.2	5
85	Antimicrobial and Cytotoxic Activity of Dihydrobenzofuran Neolignans. ChemistrySelect, 2018, 3, 1836-1839.	0.7	5
86	Reliable Methods for Analyses of Volatile Compounds of Copaifera Oleoresins Combining Headspace and Gas Chromatography. Chemistry and Biodiversity, 2020, 17, e1900440.	1.0	5
87	Casearia sylvestris Essential Oil Degradation Products Generated by Leaf Processing. Chemistry and Biodiversity, 2021, 18, e2000880.	1.0	5
88	<i>In vitro</i> Activities of <i>Pfaffia glomerata</i> Root Extract, Its Hydrolyzed Fractions and Pfaffic Acid Against <i>Trypanosoma cruzi</i> Trypomastigotes. Chemistry and Biodiversity, 2017, 14, e1600175.	1.0	4
89	Differentiation between 3,4- and 4,15-Epoxyeudesmanolides by Electrospray Ionization Tandem Mass Spectrometry. Journal of Analytical Methods in Chemistry, 2017, 2017, 1-9.	0.7	4
90	Acidic and hepatic derivatives of bioactive clerodane diterpenes casearins J and O. Fìtoterapìâ, 2019, 137, 104197.	1.1	4

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91	Gasâ€phase fragmentation reactions of protonated benzofuran―and dihydrobenzofuranâ€type neolignans investigated by accurateâ€mass electrospray ionization tandem mass spectrometry. Journal of Mass Spectrometry, 2019, 54, 35-46.	0.7	4
92	New antifungal ent-labdane diterpenes against Candida glabrata produced by microbial transformation of ent-polyalthic acid. Bioorganic Chemistry, 2020, 95, 103560.	2.0	4
93	In vitro antileishmanial and antioxidant activities of essential oils from different parts of Murraya paniculata (L.) Jack: a species of Rutaceae that occur in the Cerrado biome in Brazil. Australian Journal of Crop Science, 2020, , 347-353.	0.1	4
94	In vitro antimicrobial activity of Spiranthera odoratissima A. St. Hil. essential oils against foodborne pathogens and food spoilage bacteria. Australian Journal of Crop Science, 2020, , 333-338.	0.1	4
95	In vitro anti-Trypanosoma cruzi activity enhancement of curcumin by its monoketone tetramethoxy analog diveratralacetone. Current Research in Parasitology and Vector-borne Diseases, 2021, 1, 100031.	0.7	4
96	Hexane extracts from fruit of two varieties of <i>Capsicum chinense</i> Jacq.: their volatile constituents and antiacetylcholinesterase, antileishmanial and antiproliferative activities. Natural Product Research, 2022, 36, 6160-6164.	1.0	4
97	Electrospray ionization tandem mass spectrometry of deprotonated dihydrobenzofuran neolignans. Rapid Communications in Mass Spectrometry, 2021, 35, e8990.	0.7	3
98	Chemical Constituents of Essential Oils Extracted from the Leaves and Flowers of Spiranthera odoratissima A. St. Hil. (Rutaceae). Records of Natural Products, 2018, 13, 172-175.	1.3	3
99	In Vitro Schistosomicidal Activities of the Leaf Extracts from Casearia sylvestris Varieties. Chemistry and Biodiversity, 2021, , .	1.0	3
100	Hexane Extract from Tradescantia pallida (Rose) D.R. Hunt (Commelinaceae): Its Volatile Constituents and in vitro Antifungal and Cytotoxic Activities. Brazilian Archives of Biology and Technology, 0, 65, .	0.5	3
101	Insecticidal and inhibitory effects of dihydrobenzofuran neolignans on Bemisia tabaci. Journal of Pest Science, 2019, 92, 861-869.	1.9	2
102	Geographical chemical variability and processing oxidation of volatile compounds of Casearia sylvestris leaves. Ecletica Quimica, 2021, 46, 42-48.	0.2	2
103	Trypanocidal Activity of Dysphania ambrosioides , Lippia alba , and Tetradenia riparia Essential Oils against Trypanosoma cruzi. Chemistry and Biodiversity, 2021, 18, e2100678.	1.0	2
104	Electrospray ionization tandem mass spectrometry of monoketone curcuminoids. Rapid Communications in Mass Spectrometry, 2020, 34, e8699.	0.7	1
105	Hexane extract from <i>Spiranthera odoratissima</i> A. Sthil. leaves: chemical composition and its bioactive potential against <i>Candida</i> pathogenic species, <i>Leishmania amazonensis</i> and <i>Xylella fastidiosa</i> . Natural Product Research, 2022, 36, 2907-2912.	1.0	1
106	Optimization of the Reaction Conditions for the Synthesis of Dihydrobenzofuran Neolignans. Journal of the Brazilian Chemical Society, 0, , .	0.6	1
107	Chemical composition and in vitro antibacterial activity of essential oils from Murraya paniculata (L.) Jack (Rutaceae) ripe and unripe fruits against bacterial genera Mycobacterium and Streptococcus. Brazilian Journal of Pharmaceutical Sciences, 0, 56, .	1.2	1
108	Antischistosomal Activity of Essential Oils: An Updated Review. Chemistry and Biodiversity, 2022, , .	1.0	1

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109	New challenges demand new solutions: Selected essential oils as an alternative to control Bemisia tabaci MED in Brazil. Crop Protection, 2022, 155, 105909.	1.0	1
110	Photodegradation of Fipronil by Zn-AlPO4 Materials Synthesized by Non-Hydrolytic Sol–Gel Method. ChemEngineering, 2022, 6, 55.	1.0	1
111	Microwave-Assisted Synthesis and Antileishmanial Activity of 3-methoxycarbonyl-Î ³ -butyrolactone Derivatives. Journal of the Brazilian Chemical Society, 2014, , .	0.6	0
112	Detailed1H and13C NMR Spectral Data Assignment for Two Dihydrobenzofuran Neolignans. Journal of the Brazilian Chemical Society, 2015, , .	0.6	0
113	Screening of Selected Plant-Derived Extracts for Their Antimicrobial Activity against Oral Pathogens. International Journal of Complementary & Alternative Medicine, 2017, 6, .	0.1	0
114	Structure-antimicrobial activity relationships of monoketone curcuminoids. International Journal of Complementary & Alternative Medicine, 2018, 11, .	0.1	0
115	Isolation and detailed 1H and 13C NMR structural assignment for three trachylobanes from Psiadia punctulata (Asteraceae) grown in Africa. Phytochemistry Letters, 2022, 48, 28-33.	0.6	0