Alvaro M Viljoen

List of Publications by Year
in descending order

201 papers	8,274 citations	66343 42 h-index	58581 82 g-index
205 all docs	205 docs citations	205 times ranked	10492 citing authors

#	Article	IF	Citations
1	Myricetin: A Dietary Molecule with Diverse Biological Activities. Nutrients, 2016, 8, 90.	4.1	465
2	Gingerols and shogaols: Important nutraceutical principles from ginger. Phytochemistry, 2015, 117, 554-568.	2.9	381
3	Eugenolâ€"From the Remote Maluku Islands to the International Market Place: A Review of a Remarkable and Versatile Molecule. Molecules, 2012, 17, 6953-6981.	3.8	354
4	Menthol: A simple monoterpene with remarkable biological properties. Phytochemistry, 2013, 96, 15-25.	2.9	348
5	Best practice in research â€“ Overcoming common challenges in phytopharmacological research. Journal of Ethnopharmacology, 2020, 246, 112230.	4.1	341
6	A Review of the Application and Pharmacological Properties of Î±â€Bisabolol and Î±â€Bisabololâ€Rich Oils. JAOCS, Journal of the American Oil Chemists' Society, 2010, 87, 1-7.	1.9	258
7	Plant-Based Antimicrobial Studies â€“ Methods and Approaches to Study the Interaction between Natural Products. Planta Medica, 2011, 77, 1168-1182.	1.3	250
8	Polymeric Plant-derived Excipients in Drug Delivery. Molecules, 2009, 14, 2602-2620.	3.8	245
9	Antimicrobial activity of limonene enantiomers and 1,8â€cineole alone and in combination. Flavour and Fragrance Journal, 2007, 22, 540-544.	2.6	231
10	Camphorâ€"A Fumigant during the Black Death and a Coveted Fragrant Wood in Ancient Egypt and Babylonâ€"A Review. Molecules, 2013, 18, 5434-5454.	3.8	189
11	Chemistry of Aloe Species. Current Organic Chemistry, 2000, 4, 1055-1078.	1.6	163
12	Osmitopsis asteriscoides (Asteraceae)-the antimicrobial activity and essential oil composition of a Cape-Dutch remedy. Journal of Ethnopharmacology, 2003, 88, 137-143.	4.1	159
13	An updated review of Adansonia digitata: A commercially important African tree. South African Journal of Botany, 2011, 77, 908-919.	2.5	159
14	A comprehensive scientific overview of Garcinia cambogia. FÃ¬toterapÃ¬Ã¢, 2015, 102, 134-148.	2.2	159
15	The Biological Activities of 20 Nature Identical Essential Oil Constituents. Journal of Essential Oil Research, 2006, 18, 129-133.	2.7	142
16	Antimicrobial activity of southern African medicinal plants with dermatological relevance: From an ethnopharmacological screening approach, to combination studies and the isolation of a bioactive compound. Journal of Ethnopharmacology, 2013, 148, 45-55.	4.1	139
17	Lawsonia inermis L. (henna): Ethnobotanical, phytochemical and pharmacological aspects. Journal of Ethnopharmacology, 2014, 155, 80-103.	4.1	135
18	Antioxidant, antiinflammatory activities and HPLC analysis of South African Salvia species. Food Chemistry, 2010, 119, 684-688.	8.2	101

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19	Pharmacological actions of the South African medicinal and functional food plant Sceletium tortuosum and its principal alkaloids. Journal of Ethnopharmacology, 2011, 137, 1124-1129.	4.1	101
20	Cape aloesâ€"A review of the phytochemistry, pharmacology and commercialisation of Aloe ferox. Phytochemistry Letters, 2012, 5, 1-12.	1.2	101
21	Devil's Clawâ€"A review of the ethnobotany, phytochemistry and biological activity of Harpagophytum procumbens. Journal of Ethnopharmacology, 2012, 143, 755-771.	4.1	99
22	Natural products in anti-obesity therapy. Natural Product Reports, 2011, 28, 1493.	10.3	94
23	The impact of plant volatiles on bacterial quorum sensing. Letters in Applied Microbiology, 2015, 60, 8-19.	2.2	86
24	Volatile composition and antimicrobial activity of twenty commercial frankincense essential oil samples. South African Journal of Botany, 2010, 76, 686-691.	2.5	82
25	Herbâ€“drug pharmacokinetic interactions reviewed. Expert Opinion on Drug Metabolism and Toxicology, 2010, 6, 1515-1538.	3.3	76
26	Emodin - A natural anthraquinone derivative with diverse pharmacological activities. Phytochemistry, 2021, 190, 112854.	2.9	68
27	Antimalarial and anticancer activities of selected South African Salvia species and isolated compounds from S. radula. South African Journal of Botany, 2008, 74, 238-243.	2.5	66
28	TheIn VitroAntimicrobial Activity ofLavandula angustifoliaEssential Oil in Combination with Other Aroma-Therapeutic Oils. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-10.	1.2	60
29	Chemical Composition, Leaf Trichome Types and Biological Activities of the Essential Oils of Four Related Salvia Species Indigenous to Southern Africa. Journal of Essential Oil Research, 2006, 18, 72-79.	2.7	59
30	Hyperspectral imaging in the quality control of herbal medicines â€“ The case of neurotoxic Japanese star anise. Journal of Pharmaceutical and Biomedical Analysis, 2013, 75, 207-213.	2.8	59
31	Unravelling the Complex Antimicrobial Interactions of Essential Oils â€" The Case of Thymus vulgaris (Thyme). Molecules, 2014, 19, 2896-2910.	3.8	59
32	From arrow poison to herbal medicine â€“ The ethnobotanical, phytochemical and pharmacological significance of Cissampelos (Menispermaceae). Journal of Ethnopharmacology, 2014, 155, 1011-1028.	4.1	56
33	In vitro evidence of phyto-synergy for plant part combinations of Croton gratissimus (Euphorbiaceae) used in African traditional healing. Journal of Ethnopharmacology, 2008, 119, 700-704.	4.1	54
34	The Geographical Variation and Antimicrobial Activity of African Wormwood (Artemisia afra) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.7	53
35	The in vitro antimicrobial activity of Cymbopogon essential oil (lemon grass) and its interaction with silver ions. Phytomedicine, 2015, 22, 657-665.	5.3	52
36	Trichomes, essential oil composition and biological activities of Salvia albicaulis Benth. and S. dolomitica Codd, two species from the Cape region of South Africa. South African Journal of Botany, 2007, 73, 102-108.	2.5	50

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37	Propolis: chemical diversity and challenges in quality control. Phytochemistry Reviews, 2022, 21, 1887-1911.	6.5	50
38	Antibacterial and antimycobacterial activities of South African Salvia species and isolated compounds from S. chamelaeagnea. South African Journal of Botany, 2007, 73, 552-557.	2.5	49
39	The application of GCâ€“MS combined with chemometrics for the identification of antimicrobial compounds from selected commercial essential oils. Chemometrics and Intelligent Laboratory Systems, 2014, 130, 172-181.	3.5	47
40	Simple 1,4-benzoquinones with antibacterial activity from stems and leaves of Gunnera perpensa. Phytochemistry, 2005, 66, 1812-1816.	2.9	46
41	Trichilia emetica (Meliaceae) â€“ A review of traditional uses, biological activities and phytochemistry. Phytochemistry Letters, 2011, 4, 1-9.	1.2	46
42	Intestinal Drug Transport Enhancement byAloe vera. Planta Medica, 2009, 75, 587-595.	1.3	45
43	In vitro evidence of antimicrobial synergy between Salvia chamelaeagnea and Leonotis leonurus. South African Journal of Botany, 2006, 72, 634-636.	2.5	44
44	Hoodia gordonii:An Up-to-Date Review of a Commercially Important Anti-Obesity Plant. Planta Medica, 2011, 77, 1149-1160.	1.3	44
45	HPTLC-MS as an efficient hyphenated technique for the rapid identification of antimicrobial compounds from propolis. Phytochemistry Letters, 2015, 11, 326-331.	1.2	44
46	The in vitro Antimicrobial Activity and Chemometric Modelling of 59 Commercial Essential Oils against Pathogens of Dermatological Relevance. Chemistry and Biodiversity, 2017, 14, e1600218.	2.1	43
47	Butein: From ancient traditional remedy to modern nutraceutical. Phytochemistry Letters, 2015, 11, 188-201.	1.2	41
48	Differentiation between two â€œfang jiâ€•herbal medicines, Stephania tetrandra and the nephrotoxic Aristolochia fangchi, using hyperspectral imaging. Phytochemistry, 2016, 122, 213-222.	2.9	40
49	In Vitro 5-Lipoxygenase Activity of Three Indigenous South African Aromatic Plants Used in Traditional Healing and the Stereospecific Activity of Limonene in the 5-Lipoxygenase Assay. Journal of Essential Oil Research, 2006, 18, 85-88.	2.7	38
50	The in vitro biological activity of selected South African Commiphora species. Journal of Ethnopharmacology, 2008, 119, 673-679.	4.1	38
51	Phytochemistry and in vitro pharmacological activities of South African Vitex (Verbenaceae) species. Journal of Ethnopharmacology, 2008, 119, 680-685.	4.1	38
52	Validation of smoke inhalation therapy to treat microbial infections. Journal of Ethnopharmacology, 2008, 119, 501-506.	4.1	37
53	The In Vitro Antimicrobial Effects of Lavandula angustifolia Essential Oil in Combination with Conventional Antimicrobial Agents. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-9.	1.2	37
54	Activity of a traditional South African epilepsy remedy in the GABA-benzodiazepine receptor assay. Journal of Ethnopharmacology, 2005, 96, 603-606.	4.1	34

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55	Isolation of Sceletium alkaloids by high-speed countercurrent chromatography. Phytochemistry Letters, 2011, 4, 190-193.	1.2	34
56	What the devil is in your phytomedicine? Exploring species substitution in Harpagophytum through chemometric modeling of 1 H-NMR and UHPLC-MS datasets. Phytochemistry, 2014, 106, 104-115.	2.9	34
57	Acacetinâ€"A simple flavone exhibiting diverse pharmacological activities. Phytochemistry Letters, 2019, 32, 56-65.	1.2	34
58	A quality control method for geranium oil based on vibrational spectroscopy and chemometric data analysis. Vibrational Spectroscopy, 2011, 57, 242-247.	2.2	33
59	Hyperspectral Imaging and Chemometric Modeling of Echinacea â€" A Novel Approach in the Quality Control of Herbal Medicines. Molecules, 2014, 19, 13104-13121.	3.8	33
60	Health benefits of chromones: common ingredients of our daily diet. Phytochemistry Reviews, 2020, 19, 761-785.	6.5	33
61	Warburgia: A comprehensive review of the botany, traditional uses and phytochemistry. Journal of Ethnopharmacology, 2015, 165, 260-285.	4.1	32
62	Non-destructive quality assessment of herbal tea blends using hyperspectral imaging. Phytochemistry Letters, 2018, 24, 94-101.	1.2	32
63	A Comparative Investigation of the Antimicrobial Properties of Indigenous South African Aromatic Plants with Popular Commercially Available Essential Oils. Journal of Essential Oil Research, 2006, 18, 66-71.	2.7	31
64	Antimicrobial monomeric and dimeric diterpenes from the leaves of Helichrysum tenax var tenax. Phytochemistry, 2006, 67, 716-722.	2.9	31
65	In vitro biological activities of South African Pelargonium (Geraniaceae) species. South African Journal of Botany, 2008, 74, 153-157.	2.5	31
66	The occurrence and taxonomic distribution of the anthrones aloin, aloinoside and microdontin in Aloe. Biochemical Systematics and Ecology, 2001, 29, 53-67.	1.3	29
67	A biochemical comparison of the in vivo effects of Bulbine frutescens and Bulbine natalensis on cutaneous wound healing. Journal of Ethnopharmacology, 2011, 133, 364-370.	4.1	29
68	An untargeted metabolomic approach in the chemotaxonomic assessment of two Salvia species as a potential source of Î±-bisabolol. Phytochemistry, 2012, 84, 94-101.	2.9	29
69	Simultaneous quantification of anthrones and chromones in Aloe ferox (â€œCape aloesâ€) using UHPLCâ€"MS. Phytochemistry Letters, 2015, 13, 85-90.	1.2	29
70	Hyperspectral Imaging as a Rapid Quality Control Method for Herbal Tea Blends. Applied Sciences (Switzerland), 2017, 7, 268.	2.5	29
71	The Biological Activity and Essential Oil Composition of 17 Agathosma (Rutaceae) Species. Journal of Essential Oil Research, 2006, 18, 2-16.	2.7	28
72	The Chemo-Geographical Variation in Essential Oil Composition and the Antimicrobial Properties of â€œWild Mintâ€•â€" Mentha longifolia subsp. polyadena (Lamiaceae) in Southern Africa. Journal of Essential Oil Research, 2006, 18, 60-65.	2.7	27

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73	The Essential Oil Composition and Chemotaxonomical Appraisal of South African Pelargoniums (Geraniaceae). Journal of Essential Oil Research, 2006, 18, 89-105.	2.7	26
74	Chemical profiling and chemometric analysis of South African propolis. Biochemical Systematics and Ecology, 2014, 55, 156-163.	1.3	26
75	Vibrational spectroscopy and chemometric modeling: An economical and robust quality control method for lavender oil. Industrial Crops and Products, 2014, 59, 234-240.	5.2	26
76	Chromones and anthrones from Aloe marlothii and Aloe rupestris. Phytochemistry, 2000, 55, 949-952.	2.9	25
77	Fourier transform near- and mid-infrared spectroscopy can distinguish between the commercially important Pelargonium sidoides and its close taxonomic ally P. reniforme. Vibrational Spectroscopy, 2011, 55, 146-152.	2.2	25
78	The chemotypic variation of Sceletium tortuosum alkaloids and commercial product formulations. Biochemical Systematics and Ecology, 2012, 44, 364-373.	1.3	25
79	Validated RP-UHPLC PDA and GCâ€“MS methods for the analysis of psychoactive alkaloids in Sceletium tortuosum. South African Journal of Botany, 2012, 82, 99-107.	2.5	25
80	Phytochemical distinction between Pelargonium sidoides and Pelargonium reniforme â€” A quality control perspective. South African Journal of Botany, 2012, 82, 83-91.	2.5	25
81	Volatile phenolics: A comprehensive review of the anti-infective properties of an important class of essential oil constituents. Phytochemistry, 2021, 190, 112864.	2.9	25
82	â€œWild cannabisâ€• A review of the traditional use and phytochemistry of Leonotis leonurus. Journal of Ethnopharmacology, 2015, 174, 520-539.	4.1	24
83	Application of vibrational spectroscopy in the quality assessment of Buchu oil obtained from two commercially important Agathosma species (Rutaceae). South African Journal of Botany, 2010, 76, 692-700.	2.5	23
84	Constituents of Cinnamon Inhibit Bacterial Acetyl CoA Carboxylase. Planta Medica, 2010, 76, 1570-1575.	1.3	23
85	Beauty in Baobab: a pilot study of the safety and efficacy of Adansonia digitata seed oil. Revista Brasileira De Farmacognosia, 2017, 27, 1-8.	1.4	23
86	Exploring Common Culinary Herbs and Spices as Potential Anti-Quorum Sensing Agents. Nutrients, 2019, 11, 739.	4.1	23
87	Volatile Flavor Constituents of Fruits from Southern Africa:Â Mobola Plum (Parinari curatellifolia). Journal of Agricultural and Food Chemistry, 2004, 52, 2322-2325.	5.2	22
88	A Novel Approach in Herbal Quality Control Using Hyperspectral Imaging: Discriminating Between Sceletium tortuosum and Sceletium crassicaule. Phytochemical Analysis, 2013, 24, 550-555.	2.4	22
89	1H-NMR and UPLC-MS metabolomics: Functional tools for exploring chemotypic variation in Sceletium tortuosum from two provinces in South Africa. Phytochemistry, 2018, 152, 191-203.	2.9	22
90	The chemotaxonomic significance of the phenyl pyrone aloenin in the genus Aloe. Biochemical Systematics and Ecology, 2000, 28, 1009-1017.	1.3	21

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91	The Essential Oil Composition and Chemotaxonomy of Salvia stenophylla and its Allies S. repens and S. runcinata. Journal of Essential Oil Research, 2006, 18, 37-45.	2.7	21
92	In Vitro Drug Absorption Enhancement Effects of Aloe vera and Aloe ferox. Scientia Pharmaceutica, 2012, 80, 475-486.	2.0	21
93	Xysmalobium undulatum (uzara) â€“ review of an antidiarrhoeal traditional medicine. Journal of Ethnopharmacology, 2014, 156, 135-146.	4.1	21
94	Variation in essential oil composition of Leonotis leonurus, an important medicinal plant in South Africa. Biochemical Systematics and Ecology, 2017, 70, 155-161.	1.3	21
95	Plicataloside in Aloeâ€“ a chemotaxonomic appraisal. Biochemical Systematics and Ecology, 1999, 27, 507-517.	1.3	20
96	Investigating the Effect ofAloe veraGel on the Buccal Permeability of Didanosine. Planta Medica, 2012, 78, 354-361.	1.3	20
97	A review of biological activities and phytochemistry of six ethnomedicinally important South African Croton species. Journal of Ethnopharmacology, 2021, 280, 114416.	4.1	20
98	Aloeresins E and F, two chromone derivatives from Aloe peglerae. Phytochemistry, 1996, 43, 867-869.	2.9	19
99	Transport of aspalathin, a Rooibos tea flavonoid, across the skin and intestinal epithelium. Phytotherapy Research, 2008, 22, 699-704.	5.8	19
100	In VitroPermeation of Mesembrine Alkaloids fromSceletium tortuosumacross Porcine Buccal, Sublingual, and Intestinal Mucosa. Planta Medica, 2012, 78, 260-268.	1.3	19
101	Vibrational Spectroscopy as a Rapid Quality Control Method for Melaleuca alternifolia Cheel (Tea Tree Oil). Phytochemical Analysis, 2014, 25, 81-88.	2.4	19
102	The Influence of Carrier Oils on the Antimicrobial Activity and Cytotoxicity of Essential Oils. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-24.	1.2	19
103	The chemotaxonomic value of two cinnamoyl chromones, aloeresin E and F, in Aloe (Aloaceae). Taxon, 1999, 48, 747-754.	0.7	18
104	6â€²-O-Coumaroylaloesin from Aloe castaneaÂâ€” a taxonomic marker for Aloe section Anguialoe. Phytochemistry, 2000, 55, 117-120.	2.9	18
105	Isolation, in vitro evaluation and molecular docking of acetylcholinesterase inhibitors from South African Amaryllidaceae. FÃ¬toterapÃ¬Ã¢, 2020, 146, 104650.	2.2	18
106	Anthrones from Aloe microstigma. Phytochemistry, 1997, 44, 1271-1274.	2.9	17
107	Effect of sinomenine on the in vitro intestinal epithelial transport of selected compounds. Phytotherapy Research, 2010, 24, 211-218.	5.8	17
108	In Vitro Drug Permeation Enhancement Potential of Aloe Gel Materials. Current Drug Delivery, 2012, 9, 297-304.	1.6	17

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109	Anti-tyrosinase activity of South African Aloe species and isolated compounds plicataloside and aloesin. FÃ¬toterapÃ¬Ã¢, 2021, 150, 104828.	2.2	17
110	Essential oil variation of Tagetes minuta in South Africa â€“ A chemometric approach. Biochemical Systematics and Ecology, 2013, 51, 320-327.	1.3	16
111	Rapid analysis of the skin irritant p -phenylenediamine (PPD) in henna products using atmospheric solids analysis probe mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2016, 128, 119-125.	2.8	16
112	Novel Natural Products for Healthy Ageing from the Mediterranean Diet and Food Plants of Other Global Sourcesâ€"The MediHealth Project. Molecules, 2018, 23, 1097.	3.8	16
113	High performance thin layer chromatography as a method to authenticate Hoodia gordonii raw material and products. South African Journal of Botany, 2010, 76, 119-124.	2.5	15
114	Safety and efficacy of Sclerocarya birrea (A.Rich.) Hochst (Marula) oil: A clinical perspective. Journal of Ethnopharmacology, 2015, 176, 327-335.	4.1	15
115	The Application of Vibrational Spectroscopy Techniques in the Qualitative Assessment of Material Traded as Ginseng. Molecules, 2016, 21, 472.	3.8	15
116	The effect of simulated gastrointestinal conditions on the antimicrobial activity and chemical composition of indigenous South African plant extracts. South African Journal of Botany, 2009, 75, 594-599.	2.5	14
117	A chemotaxonomic assessment of four indigenous South African Lippia species using GCâ€"MS and vibrational spectroscopy of the essential oils. Biochemical Systematics and Ecology, 2013, 51, 142-152.	1.3	14
118	The role of the South African Journal of Botany as a vehicle to promote medicinal plant researchâ€" A bibliometric appraisal. South African Journal of Botany, 2019, 122, 3-10.	2.5	14
119	Chemotaxonomic evidence suggests that Eriocephalus tenuifolius is the source of Cape chamomile oil and not Eriocephalus punctulatus. Biochemical Systematics and Ecology, 2011, 39, 328-338.	1.3	13
120	Rare sesquiterpenes from South African Pteronia species. South African Journal of Botany, 2010, 76, 146-152.	2.5	12
121	Phytochemical distinction between Pelargonium sidoides (â€œUmckaloaboâ€) and P.Âreniforme through 1H-NMR and UHPLCâ€"MS metabolomic profiling. Metabolomics, 2015, 11, 594-602.	3.0	12
122	Mesembrine: The archetypal psycho-active Sceletium alkaloid. Phytochemistry, 2019, 166, 112061.	2.9	12
123	Chemotypic variation of non-volatile constituents of Artemisia afra (African wormwood) from South Africa. FÃ¬toterapÃ¬Ã¢, 2020, 147, 104740.	2.2	12
124	Trends in Rooibos Tea (Aspalathus linearis) research (1994â€"2018): A scientometric assessment. South African Journal of Botany, 2021, 137, 159-170.	2.5	12
125	A chemotaxonomic and biochemical evaluation of the identity of Aloe candelabrum (Aloaceae). Taxon, 1996, 45, 461-471.	0.7	11
126	Biological Activities and Composition of Salvia muirii L. Bol. Essential Oil. Journal of Essential Oil Research, 2006, 18, 48-51.	2.7	11

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127	Isolation and in vitro permeation of phenylpropylamino alkaloids from Khat (Catha edulis) across oral and intestinal mucosal tissues. Journal of Ethnopharmacology, 2016, 194, 307-315.	4.1	11
128	Rapid quality control of Sutherlandia frutescens leaf material through the quantification of SU1 using vibrational spectroscopy in conjunction with chemometric data analysis. Phytochemistry Letters, 2018, 25, 184-190.	1.2	11
129	Identification of potential anti-quorum sensing compounds in essential oils: a gas chromatography-based metabolomics approach. Journal of Essential Oil Research, 2018, 30, 399-408.	2.7	11
130	Screening selected medicinal plants for potential anxiolytic activity using an in vivo zebrafish model. Psychopharmacology, 2020, 237, 3641-3652.	3.1	11
131	Cannabigerol: a bibliometric overview and review of research on an important phytocannabinoid. Phytochemistry Reviews, 2022, 21, 1523-1547.	6.5	11
132	Microdistillation and essential oil chemistryâ€"a useful tool for detecting hybridisation in Plectranthus (Lamiaceae). South African Journal of Botany, 2006, 72, 99-104.	2.5	10
133	A rapid spectroscopic method for quantification of P57 in Hoodia gordonii raw material. Food Chemistry, 2010, 120, 940-944.	8.2	10
134	Mid-infrared spectroscopy and short wave infrared hyperspectral imagingâ€"A novel approach in the qualitative assessment of Harpagophytum procumbens and H. zeyheri (Devil's Claw). Phytochemistry Letters, 2014, 7, 143-149.	1.2	10
135	NMR structural elucidation of channaine, an unusual alkaloid from Sceletium tortuosum. Phytochemistry Letters, 2018, 23, 189-193.	1.2	10
136	HPTLC fingerprinting of Croton gratissimus leaf extract with Preparative HPLC-MS-isolated marker compounds. South African Journal of Botany, 2018, 114, 32-36.	2.5	10
137	Wound Pathogens: Investigating Antimicrobial Activity of Commercial Essential Oil Combinations against Reference Strains. Chemistry and Biodiversity, 2018, 15, e1800405.	2.1	10
138	A sub-chronic Xysmalobium undulatum hepatotoxicity investigation in HepG2/C3A spheroid cultures compared to an in vivo model. Journal of Ethnopharmacology, 2019, 239, 111897.	4.1	10
139	Commercial Essential Oil Combinations against Topical Fungal Pathogens. Natural Product Communications, 2019, 14, 1934578X1901400.	0.5	10
140	A chemotaxonomic and morphological appraisal of Aloe series Purpurascentes, Aloe section Anguialoe and their hybrid, Aloe broomii. Biochemical Systematics and Ecology, 2001, 29, 621-631.	1.3	9
141	Identi?cation of major metabolites inAloe littoralis by high-performance liquid chromatography-nuclear magnetic resonance spectroscopy. Phytochemical Analysis, 2003, 14, 275-280.	2.4	9
142	Essential Oil Composition and In Vitro Biological Activities of Seven Namibian Species of Eriocephalus L. (Asteraceae). Journal of Essential Oil Research, 2006, 18, 124-128.	2.7	9
143	Head-space volatiles of Gethyllis afra and G. ciliaris fruits (â€œkukumakrankaâ€). South African Journal of Botany, 2008, 74, 768-770.	2.5	9
144	An HPTLC-densitometry method for the quantification of pharmacologically active alkaloids inSceletium tortuosumraw material and products. Journal of Planar Chromatography - Modern TLC, 2012, 25, 283-289.	1.2	9

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145	A chemometric approach to the quality control of Sutherlandia (cancer bush). Biochemical Systematics and Ecology, 2014, 56, 221-230.	1.3	9
146	Differentiating between Agathosma betulina and Agathosma crenulata â€“ A quality control perspective. Journal of Applied Research on Medicinal and Aromatic Plants, 2014, 1, e8-e14.	1.5	9
147	Uzara â€“ A quality control perspective ofXysmalobium undulatum. Pharmaceutical Biology, 2016, 54, 1272-1279.	2.9	9
148	Antimicrobial Essential Oil Combinations to Combat Foot Odour. Planta Medica, 2018, 84, 662-673.	1.3	9
149	The use of chemometric modelling to determine chemical composition-antimicrobial activity relationships of essential oils used in respiratory tract infections. FÃ¬toterapÃ¬Ã¢, 2021, 154, 105024.	2.2	9
150	The taxonomy of Aloinella, Guillauminia and Lemeea (Aloaceae). Taxon, 1995, 44, 513-517.	0.7	8
151	New phytochemicals from the corms of medicinally important South African Hypoxis species. Phytochemistry Letters, 2014, 10, lxix-lxxv.	1.2	8
152	Toxicity and anti-prolific properties ofXysmalobium undulatumwater extract during short-term exposure to two-dimensional and three-dimensional spheroid cell cultures. Toxicology Mechanisms and Methods, 2018, 28, 641-652.	2.7	8
153	Norlignan glucosides from Hypoxis hemerocallidea and their potential in vitro anti-inflammatory activity via inhibition of iNOS and NF-ÎºB. Phytochemistry, 2020, 172, 112273.	2.9	8
154	10-Hydroxyaloin B 6â€˜-O-Acetate, an Oxanthrone fromAloe claviflora. Journal of Natural Products, 1998, 61, 256-257.	3.0	7
155	A Seasonal Variation Study of the Chemical Composition and Antimicrobial Activity of the Essential Oil of Agathosma ovata (Thunb.) Pillans (Rutaceae). Journal of Essential Oil Research, 2006, 18, 30-36.	2.7	7
156	Effects of dietary fruits, vegetables and a herbal tea on thein vitrotransport of cimetidine: Comparing the Caco-2 model with porcine jejunum tissue. Pharmaceutical Biology, 2012, 50, 254-263.	2.9	7
157	Preparative isolation of bio-markers from the leaf exudate of Aloe ferox (â€œaloe bittersâ€) by high performance counter-current chromatography. Phytochemistry Letters, 2015, 11, 321-325.	1.2	7
158	Chemical composition and antimicrobial activity ofEucalyptus radiataleaf essential oil, sampled over a year. Journal of Essential Oil Research, 2016, 28, 475-488.	2.7	7
159	Hyperspectral Imaging and Support Vector Machine: A Powerful Combination to Differentiate Black Cohosh (Actaea racemosa) from Other Cohosh Species. Planta Medica, 2018, 84, 407-419.	1.3	7
160	Mesembryanthemum tortuosum L. alkaloids modify anxiety-like behaviour in a zebrafish model. Journal of Ethnopharmacology, 2022, 290, 115068.	4.1	7
161	Essential Oil Blends: The Potential of Combined Use for Respiratory Tract Infections. Antibiotics, 2021, 10, 1517.	3.7	7
162	Effect of simulated gastrointestinal conditions and epithelial transport on extracts of green tea and sage. Phytochemistry Letters, 2009, 2, 166-170.	1.2	6

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