

Alvaro M Viljoen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5655066/publications.pdf>

Version: 2024-02-01

201
papers

8,274
citations

76031

42
h-index

66518

82
g-index

205
all docs

205
docs citations

205
times ranked

11322
citing authors

#	ARTICLE	IF	CITATIONS
1	An acute dose-ranging evaluation of the antidepressant properties of <i>Sceletium tortuosum</i> (Zembrin®) versus escitalopram in the Flinders Sensitive Line rat. <i>Journal of Ethnopharmacology</i> , 2022, 284, 114550.	2.0	6
2	<i>Aloe ferox</i> . , 2022, , 29-37.		0
3	<i>Mesembryanthemum tortuosum</i> . , 2022, , 179-187.		0
4	<i>Eriocephalus punctulatus</i> . , 2022, , 95-101.		0
5	<i>Sclerocarya birrea</i> . , 2022, , 215-227.		0
6	<i>Adansonia digitata</i> . , 2022, , 1-13.		1
7	<i>Bulbine frutescens</i> . , 2022, , 77-84.		0
8	Evaluation of the wound healing properties of South African medicinal plants using zebrafish and in vitro bioassays. <i>Journal of Ethnopharmacology</i> , 2022, 286, 114867.	2.0	4
9	Cannabigerol: a bibliometric overview and review of research on an important phytocannabinoid. <i>Phytochemistry Reviews</i> , 2022, 21, 1523-1547.	3.1	11
10	<i>Mesembryanthemum tortuosum</i> L. alkaloids modify anxiety-like behaviour in a zebrafish model. <i>Journal of Ethnopharmacology</i> , 2022, 290, 115068.	2.0	7
11	Propolis: chemical diversity and challenges in quality control. <i>Phytochemistry Reviews</i> , 2022, 21, 1887-1911.	3.1	50
12	Chemical Fingerprinting Profile and Targeted Quantitative Analysis of Phenolic Compounds from Rooibos Tea (<i>Aspalathus linearis</i>) and Dietary Supplements Using UHPLC-PDA-MS. <i>Separations</i> , 2022, 9, 159.	1.1	6
13	Optimization of Antioxidant Synergy in a Polyherbal Combination by Experimental Design. <i>Molecules</i> , 2022, 27, 4196.	1.7	3
14	Antibacterial Screening, Biochemometric and Bioautographic Evaluation of the Non-Volatile Bioactive Components of Three Indigenous South African <i>Salvia</i> Species. <i>Antibiotics</i> , 2022, 11, 901.	1.5	3
15	Investigating the Antituberculosis Activity of Selected Commercial Essential Oils and Identification of Active Constituents Using a Biochemometrics Approach and In Silico Modeling. <i>Antibiotics</i> , 2022, 11, 948.	1.5	1
16	Trends in Rooibos Tea (<i>Aspalathus linearis</i>) research (1994–2018): A scientometric assessment. <i>South African Journal of Botany</i> , 2021, 137, 159-170.	1.2	12
17	Investigating antimicrobial compounds in South African Combretaceae species using a biochemometric approach. <i>Journal of Ethnopharmacology</i> , 2021, 269, 113681.	2.0	3
18	Phytochemical Profiling and Quality Control of <i>Terminalia sericea</i> Burch. ex DC. Using HPTLC Metabolomics. <i>Molecules</i> , 2021, 26, 432.	1.7	6

#	ARTICLE	IF	CITATIONS
19	Aspalathin: a rare dietary dihydrochalcone from <i>Aspalathus linearis</i> (rooibos tea). <i>Phytochemistry Reviews</i> , 2021, 20, 1161-1192.	3.1	5
20	Anti-tyrosinase activity of South African Aloe species and isolated compounds plicataloside and aloesin. <i>FÄ-toterapÄ-Äç</i> , 2021, 150, 104828.	1.1	17
21	<i>Croton gratissimus</i> - essential oil composition and chemometric analysis of an ethnomedicinally important tree from South Africa. <i>South African Journal of Botany</i> , 2021, 138, 141-147.	1.2	4
22	Volatile phenolics: A comprehensive review of the anti-infective properties of an important class of essential oil constituents. <i>Phytochemistry</i> , 2021, 190, 112864.	1.4	25
23	The use of chemometric modelling to determine chemical composition-antimicrobial activity relationships of essential oils used in respiratory tract infections. <i>FÄ-toterapÄ-Äç</i> , 2021, 154, 105024.	1.1	9
24	Emodin - A natural anthraquinone derivative with diverse pharmacological activities. <i>Phytochemistry</i> , 2021, 190, 112854.	1.4	68
25	A review of biological activities and phytochemistry of six ethnomedicinally important South African <i>Croton</i> species. <i>Journal of Ethnopharmacology</i> , 2021, 280, 114416.	2.0	20
26	Pharmacokinetic interactions: The effects of selected herbal extracts on permeation of P-glycoprotein substrate drugs across excised pig intestinal tissue. <i>Journal of HerbMed Pharmacology</i> , 2021, 11, 121-130.	0.4	0
27	Essential Oil Blends: The Potential of Combined Use for Respiratory Tract Infections. <i>Antibiotics</i> , 2021, 10, 1517.	1.5	7
28	Best practice in research â€œ Overcoming common challenges in phytopharmacological research. <i>Journal of Ethnopharmacology</i> , 2020, 246, 112230.	2.0	341
29	Rapid differentiation of <i>Piper methysticum</i> (kava) plant parts using single point and imaging vibrational spectroscopy. <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 2020, 16, 100235.	0.9	3
30	Chemotypic variation of non-volatile constituents of <i>Artemisia afra</i> (African wormwood) from South Africa. <i>FÄ-toterapÄ-Äç</i> , 2020, 147, 104740.	1.1	12
31	Essential Oil Variation within <i>Warburgia salutaris</i> â€œA Coveted Ethnomedicinal Aromatic Tree. <i>Chemistry and Biodiversity</i> , 2020, 17, e2000542.	1.0	0
32	Screening selected medicinal plants for potential anxiolytic activity using an in vivo zebrafish model. <i>Psychopharmacology</i> , 2020, 237, 3641-3652.	1.5	11
33	Health benefits of chromones: common ingredients of our daily diet. <i>Phytochemistry Reviews</i> , 2020, 19, 761-785.	3.1	33
34	Isolation, in vitro evaluation and molecular docking of acetylcholinesterase inhibitors from South African Amaryllidaceae. <i>FÄ-toterapÄ-Äç</i> , 2020, 146, 104650.	1.1	18
35	Norlignan glucosides from <i>Hypoxis hemerocallidea</i> and their potential in vitro anti-inflammatory activity via inhibition of iNOS and NF-Î²B. <i>Phytochemistry</i> , 2020, 172, 112273.	1.4	8
36	Mesembrine: The archetypal psycho-active Sceletium alkaloid. <i>Phytochemistry</i> , 2019, 166, 112061.	1.4	12

#	ARTICLE	IF	CITATIONS
37	Acacetinâ€”A simple flavone exhibiting diverse pharmacological activities. <i>Phytochemistry Letters</i> , 2019, 32, 56-65.	0.6	34
38	A sub-chronic <i>Xysmalobium undulatum</i> hepatotoxicity investigation in HepG2/C3A spheroid cultures compared to an in vivo model. <i>Journal of Ethnopharmacology</i> , 2019, 239, 111897.	2.0	10
39	Sceletorines A and B, two minor novel dimeric alkaloids of <i>Mesembryanthemum tortuosum</i> (synonym) Tj ETQq1 1 0.784314 $\mu\text{gBT}/\text{Over}$	0.6	5
40	To ferment or not to ferment <i>Sceletium tortuosum</i> â€” Do our ancestors hold the answer?. <i>South African Journal of Botany</i> , 2019, 122, 543-546.	1.2	6
41	Commercial Essential Oil Combinations against Topical Fungal Pathogens. <i>Natural Product Communications</i> , 2019, 14, 1934578X1901400.	0.2	10
42	Exploring Common Culinary Herbs and Spices as Potential Anti-Quorum Sensing Agents. <i>Nutrients</i> , 2019, 11, 739.	1.7	23
43	The Influence of Carrier Oils on the Antimicrobial Activity and Cytotoxicity of Essential Oils. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-24.	0.5	19
44	The role of the South African Journal of Botany as a vehicle to promote medicinal plant researchâ€” A bibliometric appraisal. <i>South African Journal of Botany</i> , 2019, 122, 3-10.	1.2	14
45	Headspace analysis, antimicrobial and anti-quorum sensing activities of seven selected African <i>Commiphora</i> species. <i>South African Journal of Botany</i> , 2019, 122, 522-528.	1.2	5
46	The In Vitro and In Vivo Effects of <i>Hypoxis hemerocallidea</i> on Indinavir Pharmacokinetics: Modulation of Efflux. <i>Planta Medica</i> , 2018, 84, 895-901.	0.7	5
47	Identification, Isolation and Determination of Biomarkers for Quality Control of Bush Tea (<i>Athrixia</i>) Tj ETQq1 1 0.784314 $\mu\text{gBT}_4/\text{Overlook}$	0.7	4
48	Rapid quality control of <i>Sutherlandia frutescens</i> leaf material through the quantification of SU1 using vibrational spectroscopy in conjunction with chemometric data analysis. <i>Phytochemistry Letters</i> , 2018, 25, 184-190.	0.6	11
49	Non-destructive quality assessment of herbal tea blends using hyperspectral imaging. <i>Phytochemistry Letters</i> , 2018, 24, 94-101.	0.6	32
50	NMR structural elucidation of channaine, an unusual alkaloid from <i>Sceletium tortuosum</i> . <i>Phytochemistry Letters</i> , 2018, 23, 189-193.	0.6	10
51	Antimicrobial Essential Oil Combinations to Combat Foot Odour. <i>Planta Medica</i> , 2018, 84, 662-673.	0.7	9
52	Potential Herb-Drug Pharmacokinetic Interactions between African Wild Olive Leaf Extract and Selected Antihypertensive Drugs. <i>Planta Medica</i> , 2018, 84, 886-894.	0.7	1
53	HPTLC fingerprinting of <i>Croton gratissimus</i> leaf extract with Preparative HPLC-MS-isolated marker compounds. <i>South African Journal of Botany</i> , 2018, 114, 32-36.	1.2	10
54	Hyperspectral Imaging and Support Vector Machine: A Powerful Combination to Differentiate Black Cohosh (<i>Actaea racemosa</i>) from Other Cohosh Species. <i>Planta Medica</i> , 2018, 84, 407-419.	0.7	7

#	ARTICLE	IF	CITATIONS
55	Wound Pathogens: Investigating Antimicrobial Activity of Commercial Essential Oil Combinations against Reference Strains. <i>Chemistry and Biodiversity</i> , 2018, 15, e1800405.	1.0	10
56	¹ H-NMR and UPLC-MS metabolomics: Functional tools for exploring chemotypic variation in <i>Sceletium tortuosum</i> from two provinces in South Africa. <i>Phytochemistry</i> , 2018, 152, 191-203.	1.4	22
57	Toxicity and anti-proliferative properties of <i>Xyralobium undulatum</i> water extract during short-term exposure to two-dimensional and three-dimensional spheroid cell cultures. <i>Toxicology Mechanisms and Methods</i> , 2018, 28, 641-652.	1.3	8
58	Novel Natural Products for Healthy Ageing from the Mediterranean Diet and Food Plants of Other Global Sources – The MediHealth Project. <i>Molecules</i> , 2018, 23, 1097.	1.7	16
59	Identification of potential anti-quorum sensing compounds in essential oils: a gas chromatography-based metabolomics approach. <i>Journal of Essential Oil Research</i> , 2018, 30, 399-408.	1.3	11
60	Variation in essential oil composition of <i>Leonotis leonurus</i> , an important medicinal plant in South Africa. <i>Biochemical Systematics and Ecology</i> , 2017, 70, 155-161.	0.6	21
61	Volatile constituents of <i>Notobubon</i> and <i>Nanobubon</i> (Apiaceae, tribe Tordylieae). <i>Journal of Essential Oil Research</i> , 2017, 29, 289-298.	1.3	0
62	Application of hyperspectral imaging in the quality control of medicinal plants and products. <i>NIR News</i> , 2017, 28, 22-23.	1.6	2
63	The <i>in vitro</i> Antimicrobial Activity and Chemometric Modelling of 59 Commercial Essential Oils against Pathogens of Dermatological Relevance. <i>Chemistry and Biodiversity</i> , 2017, 14, e1600218.	1.0	43
64	Beauty in Baobab: a pilot study of the safety and efficacy of <i>Adansonia digitata</i> seed oil. <i>Revista Brasileira De Farmacognosia</i> , 2017, 27, 1-8.	0.6	23
65	Hyperspectral Imaging as a Rapid Quality Control Method for Herbal Tea Blends. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 268.	1.3	29
66	San and Nama indigenous knowledge: The case of nhora (<i>Pteronia camphorata</i>) and its medicinal use. <i>South African Journal of Science</i> , 2016, 112, 9.	0.3	4
67	The Application of Vibrational Spectroscopy Techniques in the Qualitative Assessment of Material Traded as Ginseng. <i>Molecules</i> , 2016, 21, 472.	1.7	15
68	The <i>In Vitro</i> Antimicrobial Effects of <i>Lavandula angustifolia</i> Essential Oil in Combination with Conventional Antimicrobial Agents. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-9.	0.5	37
69	Myricetin: A Dietary Molecule with Diverse Biological Activities. <i>Nutrients</i> , 2016, 8, 90.	1.7	465
70	Rapid analysis of the skin irritant p-phenylenediamine (PPD) in henna products using atmospheric solids analysis probe mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 128, 119-125.	1.4	16
71	Chemical composition and antimicrobial activity of <i>Eucalyptus radiata</i> leaf essential oil, sampled over a year. <i>Journal of Essential Oil Research</i> , 2016, 28, 475-488.	1.3	7
72	Isolation and <i>in vitro</i> permeation of phenylpropylamino alkaloids from Khat (<i>Catha edulis</i>) across oral and intestinal mucosal tissues. <i>Journal of Ethnopharmacology</i> , 2016, 194, 307-315.	2.0	11

#	ARTICLE	IF	CITATIONS
73	Differentiation between two "fang ji" herbal medicines, <i>Stephania tetrandra</i> and the nephrotoxic <i>Aristolochia fangchi</i> , using hyperspectral imaging. <i>Phytochemistry</i> , 2016, 122, 213-222.	1.4	40
74	Uzara " A quality control perspective of <i>Xysmalobium undulatum</i> . <i>Pharmaceutical Biology</i> , 2016, 54, 1272-1279.	1.3	9
75	Simultaneous quantification of anthrones and chromones in <i>Aloe ferox</i> ("Cape aloes") using UHPLC-MS. <i>Phytochemistry Letters</i> , 2015, 13, 85-90.	0.6	29
76	Phytochemical distinction between <i>Pelargonium sidoides</i> ("Umckaloabo") and <i>P.Âreniforme</i> through 1H-NMR and UHPLC-MS metabolomic profiling. <i>Metabolomics</i> , 2015, 11, 594-602.	1.4	12
77	Butein: From ancient traditional remedy to modern nutraceutical. <i>Phytochemistry Letters</i> , 2015, 11, 188-201.	0.6	41
78	Guest Editorial: International Symposium on Chromatography of Natural Products (ISCNP). <i>Phytochemistry Letters</i> , 2015, 11, 320.	0.6	1
79	<i>Warburgia</i> : A comprehensive review of the botany, traditional uses and phytochemistry. <i>Journal of Ethnopharmacology</i> , 2015, 165, 260-285.	2.0	32
80	Gingerols and shogaols: Important nutraceutical principles from ginger. <i>Phytochemistry</i> , 2015, 117, 554-568.	1.4	381
81	A comprehensive scientific overview of <i>Garcinia cambogia</i> . <i>FÃ-toterapÃ-Ãç</i> , 2015, 102, 134-148.	1.1	159
82	The in vitro antimicrobial activity of <i>Cymbopogon</i> essential oil (lemon grass) and its interaction with silver ions. <i>Phytomedicine</i> , 2015, 22, 657-665.	2.3	52
83	Proangiogenic Potential of Medicinal Plants in Wound Healing. , 2015, , 149-164.		0
84	Safety and efficacy of <i>Sclerocarya birrea</i> (A.Rich.) Hochst (Marula) oil: A clinical perspective. <i>Journal of Ethnopharmacology</i> , 2015, 176, 327-335.	2.0	15
85	"Wild cannabis" A review of the traditional use and phytochemistry of <i>Leonotis leonurus</i> . <i>Journal of Ethnopharmacology</i> , 2015, 174, 520-539.	2.0	24
86	Rapid differentiation of Khat (<i>Catha edulis</i> Vahl. Endl.) using single point and imaging vibrational spectroscopy. <i>Vibrational Spectroscopy</i> , 2015, 81, 96-105.	1.2	4
87	The impact of plant volatiles on bacterial quorum sensing. <i>Letters in Applied Microbiology</i> , 2015, 60, 8-19.	1.0	86
88	HPTLC-MS as an efficient hyphenated technique for the rapid identification of antimicrobial compounds from propolis. <i>Phytochemistry Letters</i> , 2015, 11, 326-331.	0.6	44
89	Preparative isolation of bio-markers from the leaf exudate of <i>Aloe ferox</i> ("aloe bitters") by high performance counter-current chromatography. <i>Phytochemistry Letters</i> , 2015, 11, 321-325.	0.6	7
90	Hyperspectral Imaging and Chemometric Modeling of <i>Echinacea</i> " A Novel Approach in the Quality Control of Herbal Medicines. <i>Molecules</i> , 2014, 19, 13104-13121.	1.7	33

#	ARTICLE	IF	CITATIONS
91	Skullcap and Germander: Preventing Potential Toxicity through the Application of Hyperspectral Imaging and Multivariate Image Analysis as a Novel Quality Control Method. <i>Planta Medica</i> , 2014, 80, 1329-1339.	0.7	6
92	Bioactive acetophenones from <i>Plectranthus venteri</i> . <i>Phytochemistry Letters</i> , 2014, 10, cxli-cxliv.	0.6	4
93	New phytochemicals from the corms of medicinally important South African <i>Hypoxis</i> species. <i>Phytochemistry Letters</i> , 2014, 10, lxix-lxxv.	0.6	8
94	Mid-infrared spectroscopy and short wave infrared hyperspectral imaging – A novel approach in the qualitative assessment of <i>Harpagophytum procumbens</i> and <i>H. zeyheri</i> (Devil's Claw). <i>Phytochemistry Letters</i> , 2014, 7, 143-149.	0.6	10
95	The application of GC-MS combined with chemometrics for the identification of antimicrobial compounds from selected commercial essential oils. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2014, 130, 172-181.	1.8	47
96	Vibrational Spectroscopy as a Rapid Quality Control Method for <i>Melaleuca alternifolia</i> (Tea Tree Oil). <i>Phytochemical Analysis</i> , 2014, 25, 81-88.	1.2	19
97	What the devil is in your phytomedicine? Exploring species substitution in <i>Harpagophytum</i> through chemometric modeling of 1 H-NMR and UHPLC-MS datasets. <i>Phytochemistry</i> , 2014, 106, 104-115.	1.4	34
98	<i>Xysmalobium undulatum</i> (uzara) – review of an antidiarrhoeal traditional medicine. <i>Journal of Ethnopharmacology</i> , 2014, 156, 135-146.	2.0	21
99	Chemical profiling and chemometric analysis of South African propolis. <i>Biochemical Systematics and Ecology</i> , 2014, 55, 156-163.	0.6	26
100	From arrow poison to herbal medicine – The ethnobotanical, phytochemical and pharmacological significance of <i>Cissampelos</i> (Menispermaceae). <i>Journal of Ethnopharmacology</i> , 2014, 155, 1011-1028.	2.0	56
101	A chemometric approach to the quality control of <i>Sutherlandia</i> (cancer bush). <i>Biochemical Systematics and Ecology</i> , 2014, 56, 221-230.	0.6	9
102	Differentiating between <i>Agathosma betulina</i> and <i>Agathosma crenulata</i> – A quality control perspective. <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 2014, 1, e8-e14.	0.9	9
103	<i>Lawsonia inermis</i> L. (henna): Ethnobotanical, phytochemical and pharmacological aspects. <i>Journal of Ethnopharmacology</i> , 2014, 155, 80-103.	2.0	135
104	Vibrational spectroscopy and chemometric modeling: An economical and robust quality control method for lavender oil. <i>Industrial Crops and Products</i> , 2014, 59, 234-240.	2.5	26
105	Unravelling the Complex Antimicrobial Interactions of Essential Oils – The Case of <i>Thymus vulgaris</i> (Thyme). <i>Molecules</i> , 2014, 19, 2896-2910.	1.7	59
106	Essential oil variation of <i>Tagetes minuta</i> in South Africa – A chemometric approach. <i>Biochemical Systematics and Ecology</i> , 2013, 51, 320-327.	0.6	16
107	Menthol: A simple monoterpene with remarkable biological properties. <i>Phytochemistry</i> , 2013, 96, 15-25.	1.4	348
108	Hyperspectral imaging in the quality control of herbal medicines – The case of neurotoxic Japanese star anise. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 75, 207-213.	1.4	59

#	ARTICLE	IF	CITATIONS
109	A chemotaxonomic assessment of four indigenous South African Lippia species using GC-MS and vibrational spectroscopy of the essential oils. <i>Biochemical Systematics and Ecology</i> , 2013, 51, 142-152.	0.6	14
110	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. <i>Journal of Ethnopharmacology</i> , 2013, 148, 45-55.	2.0	139
111	A Novel Approach in Herbal Quality Control Using Hyperspectral Imaging: Discriminating Between <i>Sceletium tortuosum</i> and <i>Sceletium crassaule</i> . <i>Phytochemical Analysis</i> , 2013, 24, 550-555.	1.2	22
112	The <i>In Vitro</i> Antimicrobial Activity of <i>Lavandula angustifolia</i> Essential Oil in Combination with Other Aroma-Therapeutic Oils. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-10.	0.5	60
113	Camphor – A Fumigant during the Black Death and a Coveted Fragrant Wood in Ancient Egypt and Babylon – A Review. <i>Molecules</i> , 2013, 18, 5434-5454.	1.7	189
114	<i>In Vitro</i> Permeation of Mesembrine Alkaloids from <i>Sceletium tortuosum</i> across Porcine Buccal, Sublingual, and Intestinal Mucosa. <i>Planta Medica</i> , 2012, 78, 260-268.	0.7	19
115	Effects of dietary fruits, vegetables and a herbal tea on the <i>in vitro</i> transport of cimetidine: Comparing the Caco-2 model with porcine jejunum tissue. <i>Pharmaceutical Biology</i> , 2012, 50, 254-263.	1.3	7
116	Investigating the Effect of <i>Aloe vera</i> Gel on the Buccal Permeability of Didanosine. <i>Planta Medica</i> , 2012, 78, 354-361.	0.7	20
117	<i>In Vitro</i> Drug Absorption Enhancement Effects of <i>Aloe vera</i> and <i>Aloe ferox</i> . <i>Scientia Pharmaceutica</i> , 2012, 80, 475-486.	0.7	21
118	Eugenol – From the Remote Maluku Islands to the International Market Place: A Review of a Remarkable and Versatile Molecule. <i>Molecules</i> , 2012, 17, 6953-6981.	1.7	354
119	An HPTLC-densitometry method for the quantification of pharmacologically active alkaloids in <i>Sceletium tortuosum</i> raw material and products. <i>Journal of Planar Chromatography - Modern TLC</i> , 2012, 25, 283-289.	0.6	9
120	Quantification of Rosmarinic acid in <i>Salvia</i> species indigenous to South Africa by HPTLC. <i>Journal of Planar Chromatography - Modern TLC</i> , 2012, 25, 403-408.	0.6	6
121	<i>In Vitro</i> Drug Permeation Enhancement Potential of <i>Aloe</i> Gel Materials. <i>Current Drug Delivery</i> , 2012, 9, 297-304.	0.8	17
122	Devil's Claw – A review of the ethnobotany, phytochemistry and biological activity of <i>Harpagophytum procumbens</i> . <i>Journal of Ethnopharmacology</i> , 2012, 143, 755-771.	2.0	99
123	The chemotypic variation of <i>Sceletium tortuosum</i> alkaloids and commercial product formulations. <i>Biochemical Systematics and Ecology</i> , 2012, 44, 364-373.	0.6	25
124	An untargeted metabolomic approach in the chemotaxonomic assessment of two <i>Salvia</i> species as a potential source of \pm -bisabolol. <i>Phytochemistry</i> , 2012, 84, 94-101.	1.4	29
125	Validated RP-UHPLC PDA and GC-MS methods for the analysis of psychoactive alkaloids in <i>Sceletium tortuosum</i> . <i>South African Journal of Botany</i> , 2012, 82, 99-107.	1.2	25
126	Phytochemical distinction between <i>Pelargonium sidoides</i> and <i>Pelargonium reniforme</i> – A quality control perspective. <i>South African Journal of Botany</i> , 2012, 82, 83-91.	1.2	25

#	ARTICLE	IF	CITATIONS
127	Cape aloes – A review of the phytochemistry, pharmacology and commercialisation of <i>Aloe ferox</i> . <i>Phytochemistry Letters</i> , 2012, 5, 1-12.	0.6	101
128	<i>Hoodia gordonii</i> : An Up-to-Date Review of a Commercially Important Anti-Obesity Plant. <i>Planta Medica</i> , 2011, 77, 1149-1160.	0.7	44
129	Plant-Based Antimicrobial Studies – Methods and Approaches to Study the Interaction between Natural Products. <i>Planta Medica</i> , 2011, 77, 1168-1182.	0.7	250
130	A biochemical comparison of the in vivo effects of <i>Bulbine frutescens</i> and <i>Bulbine natalensis</i> on cutaneous wound healing. <i>Journal of Ethnopharmacology</i> , 2011, 133, 364-370.	2.0	29
131	Pharmacological actions of the South African medicinal and functional food plant <i>Sceletium tortuosum</i> and its principal alkaloids. <i>Journal of Ethnopharmacology</i> , 2011, 137, 1124-1129.	2.0	101
132	An updated review of <i>Adansonia digitata</i> : A commercially important African tree. <i>South African Journal of Botany</i> , 2011, 77, 908-919.	1.2	159
133	Special issue on economic botany. <i>South African Journal of Botany</i> , 2011, 77, 809-811.	1.2	3
134	A quality control method for geranium oil based on vibrational spectroscopy and chemometric data analysis. <i>Vibrational Spectroscopy</i> , 2011, 57, 242-247.	1.2	33
135	Chemotaxonomic evidence suggests that <i>Eriocephalus tenuifolius</i> is the source of Cape chamomile oil and not <i>Eriocephalus punctulatus</i> . <i>Biochemical Systematics and Ecology</i> , 2011, 39, 328-338.	0.6	13
136	Natural products in anti-obesity therapy. <i>Natural Product Reports</i> , 2011, 28, 1493.	5.2	94
137	<i>Trichilia emetica</i> (Meliaceae) – A review of traditional uses, biological activities and phytochemistry. <i>Phytochemistry Letters</i> , 2011, 4, 1-9.	0.6	46
138	Isolation of <i>Sceletium</i> alkaloids by high-speed countercurrent chromatography. <i>Phytochemistry Letters</i> , 2011, 4, 190-193.	0.6	34
139	Fourier transform near- and mid-infrared spectroscopy can distinguish between the commercially important <i>Pelargonium sidoides</i> and its close taxonomic ally <i>P. reniforme</i> . <i>Vibrational Spectroscopy</i> , 2011, 55, 146-152.	1.2	25
140	Effect of sinomenine on the <i>in vitro</i> intestinal epithelial transport of selected compounds. <i>Phytotherapy Research</i> , 2010, 24, 211-218.	2.8	17
141	Antioxidant, antiinflammatory activities and HPLC analysis of South African <i>Salvia</i> species. <i>Food Chemistry</i> , 2010, 119, 684-688.	4.2	101
142	A Review of the Application and Pharmacological Properties of α -Bisabolol and β -Bisabolol – Rich Oils. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2010, 87, 1-7.	0.8	258
143	Rare sesquiterpenes from South African <i>Pteronia</i> species. <i>South African Journal of Botany</i> , 2010, 76, 146-152.	1.2	12
144	High performance thin layer chromatography as a method to authenticate <i>Hoodia gordonii</i> raw material and products. <i>South African Journal of Botany</i> , 2010, 76, 119-124.	1.2	15

#	ARTICLE	IF	CITATIONS
145	Volatile composition and antimicrobial activity of twenty commercial frankincense essential oil samples. <i>South African Journal of Botany</i> , 2010, 76, 686-691.	1.2	82
146	Application of vibrational spectroscopy in the quality assessment of Buchu oil obtained from two commercially important <i>Agathosma</i> species (Rutaceae). <i>South African Journal of Botany</i> , 2010, 76, 692-700.	1.2	23
147	Chemical diversity and biological functions of plant volatiles. <i>South African Journal of Botany</i> , 2010, 76, 607-611.	1.2	3
148	The potential application of FT-Raman spectroscopy for the quantification and mapping of the steroidal glycoside P57 in <i>Hoodia gordonii</i> . <i>Phytochemistry Letters</i> , 2010, 3, 156-160.	0.6	4
149	A rapid spectroscopic method for quantification of P57 in <i>Hoodia gordonii</i> raw material. <i>Food Chemistry</i> , 2010, 120, 940-944.	4.2	10
150	Potential Interaction between the Volatile and Non-volatile Fractions on the In Vitro Antimicrobial Activity of Three South African Pelargonium (Geraniaceae) Species. <i>Natural Product Communications</i> , 2010, 5, 1934578X1000500.	0.2	5
151	Constituents of Cinnamon Inhibit Bacterial Acetyl CoA Carboxylase. <i>Planta Medica</i> , 2010, 76, 1570-1575.	0.7	23
152	Herb-drug pharmacokinetic interactions reviewed. Expert Opinion on Drug Metabolism and Toxicology, 2010, 6, 1515-1538.	1.5	76
153	Intestinal Drug Transport Enhancement by <i>Aloe vera</i> . <i>Planta Medica</i> , 2009, 75, 587-595.	0.7	45
154	The effect of simulated gastrointestinal conditions on the antimicrobial activity and chemical composition of indigenous South African plant extracts. <i>South African Journal of Botany</i> , 2009, 75, 594-599.	1.2	14
155	Effect of simulated gastrointestinal conditions and epithelial transport on extracts of green tea and sage. <i>Phytochemistry Letters</i> , 2009, 2, 166-170.	0.6	6
156	Polymeric Plant-derived Excipients in Drug Delivery. <i>Molecules</i> , 2009, 14, 2602-2620.	1.7	245
157	Transport of aspalathin, a Rooibos tea flavonoid, across the skin and intestinal epithelium. <i>Phytotherapy Research</i> , 2008, 22, 699-704.	2.8	19
158	Antimalarial and anticancer activities of selected South African <i>Salvia</i> species and isolated compounds from <i>S. radula</i> . <i>South African Journal of Botany</i> , 2008, 74, 238-243.	1.2	66
159	In vitro biological activities of South African Pelargonium (Geraniaceae) species. <i>South African Journal of Botany</i> , 2008, 74, 153-157.	1.2	31
160	Head-space volatiles of <i>Gethyllis afra</i> and <i>G. ciliaris</i> fruits (â€œkukumakrankaâ€œ). <i>South African Journal of Botany</i> , 2008, 74, 768-770.	1.2	9
161	The in vitro biological activity of selected South African Commiphora species. <i>Journal of Ethnopharmacology</i> , 2008, 119, 673-679.	2.0	38
162	In vitro evidence of phyto-synergy for plant part combinations of <i>Croton gratissimus</i> (Euphorbiaceae) used in African traditional healing. <i>Journal of Ethnopharmacology</i> , 2008, 119, 700-704.	2.0	54

#	ARTICLE	IF	CITATIONS
163	Phytochemistry and in vitro pharmacological activities of South African <i>Vitex</i> (Verbenaceae) species. <i>Journal of Ethnopharmacology</i> , 2008, 119, 680-685.	2.0	38
164	Validation of smoke inhalation therapy to treat microbial infections. <i>Journal of Ethnopharmacology</i> , 2008, 119, 501-506.	2.0	37
165	Antimicrobial activity of limonene enantiomers and 1,8- α -cineole alone and in combination. <i>Flavour and Fragrance Journal</i> , 2007, 22, 540-544.	1.2	231
166	Trichomes, essential oil composition and biological activities of <i>Salvia albicaulis</i> Benth. and <i>S. dolomitica</i> Codd, two species from the Cape region of South Africa. <i>South African Journal of Botany</i> , 2007, 73, 102-108.	1.2	50
167	Antibacterial and antimycobacterial activities of South African <i>Salvia</i> species and isolated compounds from <i>S. chamelaeagnea</i> . <i>South African Journal of Botany</i> , 2007, 73, 552-557.	1.2	49
168	Chemical Composition, Leaf Trichome Types and Biological Activities of the Essential Oils of Four Related <i>Salvia</i> Species Indigenous to Southern Africa. <i>Journal of Essential Oil Research</i> , 2006, 18, 72-79.	1.3	59
169	The Geographical Variation and Antimicrobial Activity of African Wormwood (<i>Artemisia africana</i>) Tj ETQq1 1 0.784314 rgBTJ/Overlock	1.3	53
170	The Essential Oil Composition and Chemotaxonomical Appraisal of South African <i>Pelargonium</i> (Geraniaceae). <i>Journal of Essential Oil Research</i> , 2006, 18, 89-105.	1.3	26
171	Biological Activities and Composition of <i>Salvia muirii</i> L. Bol. Essential Oil. <i>Journal of Essential Oil Research</i> , 2006, 18, 48-51.	1.3	11
172	A Seasonal Variation Study of the Chemical Composition and Antimicrobial Activity of the Essential Oil of <i>Agathosma ovata</i> (Thunb.) Pillans (Rutaceae). <i>Journal of Essential Oil Research</i> , 2006, 18, 30-36.	1.3	7
173	The Essential Oil Composition and Chemotaxonomy of <i>Salvia stenophylla</i> and its Allies <i>S. repens</i> and <i>S. runcinata</i> . <i>Journal of Essential Oil Research</i> , 2006, 18, 37-45.	1.3	21
174	The Chemo-Geographical Variation in Essential Oil Composition and the Antimicrobial Properties of "Wild Mint" <i>Mentha longifolia</i> subsp. <i>polyadena</i> (Lamiaceae) in Southern Africa. <i>Journal of Essential Oil Research</i> , 2006, 18, 60-65.	1.3	27
175	A Comparative Investigation of the Antimicrobial Properties of Indigenous South African Aromatic Plants with Popular Commercially Available Essential Oils. <i>Journal of Essential Oil Research</i> , 2006, 18, 66-71.	1.3	31
176	Essential Oil Composition and In Vitro Biological Activities of Seven Namibian Species of <i>Eriocephalus</i> L. (Asteraceae). <i>Journal of Essential Oil Research</i> , 2006, 18, 124-128.	1.3	9
177	The Biological Activities of 20 Nature Identical Essential Oil Constituents. <i>Journal of Essential Oil Research</i> , 2006, 18, 129-133.	1.3	142
178	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. <i>Journal of Essential Oil Research</i> , 2006, 18, 85-88.	1.3	38
179	The Biological Activity and Essential Oil Composition of 17 <i>Agathosma</i> (Rutaceae) Species. <i>Journal of Essential Oil Research</i> , 2006, 18, 2-16.	1.3	28
180	Antimicrobial monomeric and dimeric diterpenes from the leaves of <i>Helichrysum tenax</i> var <i>tenax</i> . <i>Phytochemistry</i> , 2006, 67, 716-722.	1.4	31

#	ARTICLE	IF	CITATIONS
181	Microdistillation and essential oil chemistry—a useful tool for detecting hybridisation in <i>Plectranthus</i> (Lamiaceae). <i>South African Journal of Botany</i> , 2006, 72, 99-104.	1.2	10
182	In vitro evidence of antimicrobial synergy between <i>Salvia chamelaeagnea</i> and <i>Leonotis leonurus</i> . <i>South African Journal of Botany</i> , 2006, 72, 634-636.	1.2	44
183	Simple 1,4-benzoquinones with antibacterial activity from stems and leaves of <i>Gunnera perpensa</i> . <i>Phytochemistry</i> , 2005, 66, 1812-1816.	1.4	46
184	Activity of a traditional South African epilepsy remedy in the GABA-benzodiazepine receptor assay. <i>Journal of Ethnopharmacology</i> , 2005, 96, 603-606.	2.0	34
185	Volatile Flavor Constituents of Fruits from Southern Africa: <i>Mobola Plum</i> (<i>Parinari curatellifolia</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 2322-2325.	2.4	22
186	Identification of major metabolites in <i>Aloe littoralis</i> by high-performance liquid chromatography-nuclear magnetic resonance spectroscopy. <i>Phytochemical Analysis</i> , 2003, 14, 275-280.	1.2	9
187	<i>Osmitopsis asteriscoides</i> (Asteraceae)-the antimicrobial activity and essential oil composition of a Cape-Dutch remedy. <i>Journal of Ethnopharmacology</i> , 2003, 88, 137-143.	2.0	159
188	The chemotaxonomic value of the diglucoside anthrone homonataloside B in the genus <i>Aloe</i> . <i>Biochemical Systematics and Ecology</i> , 2002, 30, 35-43.	0.6	4
189	The occurrence and taxonomic distribution of the anthrones aloin, aloinoside and microdantin in <i>Aloe</i> . <i>Biochemical Systematics and Ecology</i> , 2001, 29, 53-67.	0.6	29
190	A chemotaxonomic and morphological appraisal of <i>Aloe</i> series <i>Purpurascentes</i> , <i>Aloe</i> section <i>Anguialoe</i> and their hybrid, <i>Aloe broomii</i> . <i>Biochemical Systematics and Ecology</i> , 2001, 29, 621-631.	0.6	9
191	6-O-Coumaroylaloenin from <i>Aloe castanea</i> —a taxonomic marker for <i>Aloe</i> section <i>Anguialoe</i> . <i>Phytochemistry</i> , 2000, 55, 117-120.	1.4	18
192	Chromones and anthrones from <i>Aloe marlothii</i> and <i>Aloe rupestris</i> . <i>Phytochemistry</i> , 2000, 55, 949-952.	1.4	25
193	The chemotaxonomic significance of the phenyl pyrone aloenin in the genus <i>Aloe</i> . <i>Biochemical Systematics and Ecology</i> , 2000, 28, 1009-1017.	0.6	21
194	Chemistry of <i>Aloe</i> Species. <i>Current Organic Chemistry</i> , 2000, 4, 1055-1078.	0.9	163
195	Plicataloside in <i>Aloe</i> —a chemotaxonomic appraisal. <i>Biochemical Systematics and Ecology</i> , 1999, 27, 507-517.	0.6	20
196	The chemotaxonomic value of two cinnamoyl chromones, aloeresin E and F, in <i>Aloe</i> (Aloaceae). <i>Taxon</i> , 1999, 48, 747-754.	0.4	18
197	10-Hydroxyaloin B 6-O-Acetate, an Oxanthrone from <i>Aloe claviflora</i> . <i>Journal of Natural Products</i> , 1998, 61, 256-257.	1.5	7
198	Anthrones from <i>Aloe microstigma</i> . <i>Phytochemistry</i> , 1997, 44, 1271-1274.	1.4	17

#	ARTICLE	IF	CITATIONS
199	A chemotaxonomic and biochemical evaluation of the identity of <i>Aloe candelabrum</i> (Aloaceae). <i>Taxon</i> , 1996, 45, 461-471.	0.4	11
200	Aloeresins E and F, two chromone derivatives from <i>Aloe peglerae</i> . <i>Phytochemistry</i> , 1996, 43, 867-869.	1.4	19
201	The taxonomy of <i>Aloinella</i> , <i>Guillauminia</i> and <i>Lemeea</i> (Aloaceae). <i>Taxon</i> , 1995, 44, 513-517.	0.4	8