

Sandra Combrinck

List of Publications by Year in Descending Order

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Version: 2024-04-10

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

70 papers	1,902 citations	21 h-index	42 g-index
72 ext. papers	2,320 ext. citations	3.5 avg, IF	5.14 L-index

#	Paper	IF	Citations
70	High performance thin layer chromatography fingerprinting of rooibos (<i>Aspalathus linearis</i>) and honeybush (<i>Cyclopia genistoides</i> , <i>Cyclopia intermedia</i> and <i>Cyclopia subternata</i>) teas. <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 2022 , 30, 100378	2.6	
69	Polyphenol contents of green coffee beans from different regions of Ethiopia. <i>International Journal of Food Properties</i> , 2021 , 24, 17-27	3	5
68	Comparative chemical profiling and antimicrobial activity of two interchangeably used [mphepho] species (<i>Helichrysum odoratissimum</i> and <i>Helichrysum petiolare</i>). <i>South African Journal of Botany</i> , 2021 , 137, 117-132	2.9	8
67	Investigating antimicrobial compounds in South African Combretaceae species using a biochemometric approach. <i>Journal of Ethnopharmacology</i> , 2021 , 269, 113681	5	1
66	Phytochemical Profiling and Quality Control of Burch. ex DC. Using HPTLC Metabolomics. <i>Molecules</i> , 2021 , 26,	4.8	1
65	Emodin - A natural anthraquinone derivative with diverse pharmacological activities. <i>Phytochemistry</i> , 2021 , 190, 112854	4	13
64	Health benefits of chromones: common ingredients of our daily diet. <i>Phytochemistry Reviews</i> , 2020 , 19, 761-785	7.7	13
63	Isolation, in vitro evaluation and molecular docking of acetylcholinesterase inhibitors from South African Amaryllidaceae. <i>Floterap</i> , 2020 , 146, 104650	3.2	12
62	Investigation of fumonisin interaction with maize macrocomponents and its bioaccessibility from porridge using the dynamic tiny-TIM gastrointestinal model. <i>Food Control</i> , 2020 , 113, 107165	6.2	6
61	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	2.6	2
60	Occurrence, distribution, spatio-temporal variability and source identification of n-alkanes and polycyclic aromatic hydrocarbons in water and sediment from Loskop dam, South Africa. <i>Water Research</i> , 2020 , 186, 116350	12.5	10
59	Chemotypic variation of non-volatile constituents of <i>Artemisia afra</i> (African wormwood) from South Africa. <i>Floterap</i> , 2020 , 147, 104740	3.2	5
58	Unravelling the Antibacterial Activity of Root Bark through a Metabolomic Approach. <i>Molecules</i> , 2020 , 25,	4.8	7
57	GC-MS profiling of fatty acids in green coffee (<i>Coffea arabica</i> L.) beans and chemometric modeling for tracing geographical origins from Ethiopia. <i>Journal of the Science of Food and Agriculture</i> , 2019 , 99, 3811-3823	4.3	23
56	Acacetin, a simple flavone exhibiting diverse pharmacological activities. <i>Phytochemistry Letters</i> , 2019 , 32, 56-65	1.9	16
55	Exploring Common Culinary Herbs and Spices as Potential Anti-Quorum Sensing Agents. <i>Nutrients</i> , 2019 , 11,	6.7	14
54	Speciation of major and trace elements leached from coal fly ash and the kinetics involved. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2019 , 54, 1186-1196	2.3	3

53	Effect of pH on the toxicity of fumonisins towards the RTL-W1 cell line and zebrafish (Danio rerio) embryos. <i>Toxicology Letters</i> , 2019 , 313, 101-107	4.4	4
52	Identification, Isolation and Determination of Biomarkers for Quality Control of Bush Tea (<i>Athrixia phyllioides</i>). <i>Planta Medica</i> , 2018 , 84, 902-912	3.1	3
51	NMR structural elucidation of channaine, an unusual alkaloid from <i>Sceletium tortuosum</i> . <i>Phytochemistry Letters</i> , 2018 , 23, 189-193	1.9	5
50	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	4	16
49	Single-step isolation of embelin using high-performance countercurrent chromatography and determination of the fatty acid composition of seeds of <i>Embelia schimperi</i> . <i>Biomedical Chromatography</i> , 2017 , 31, e4018	1.7	4
48	Bush tea (<i>Athrixia phyllioides</i>): A review of the traditional uses, bioactivity and phytochemistry. <i>South African Journal of Botany</i> , 2017 , 110, 4-17	2.9	18
47	Profiling of phenolic compounds using UPLC-MS for determining the geographical origin of green coffee beans from Ethiopia. <i>Journal of Food Composition and Analysis</i> , 2016 , 45, 16-25	4.1	56
46	Isolation and in vitro 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	5	9
45	Hazard assessment of polycyclic aromatic hydrocarbons in water and sediment in the vicinity of coalmines. <i>Journal of Soils and Sediments</i> , 2016 , 16, 2740-2752	3.4	8
44	Robust chemometric models for screening mango cultivars to predict their resistance against <i>Fusarium</i> infection. <i>Australasian Plant Pathology</i> , 2016 , 45, 269-277	1.4	
43	A (-)-norephedrine-based molecularly imprinted polymer for the solid-phase extraction of psychoactive phenylpropylamino alkaloids from Khat (<i>Catha edulis</i> Vahl. Endl.) chewing leaves. <i>Biomedical Chromatography</i> , 2016 , 30, 1007-1015	1.7	9
42	Volatile constituents and antimicrobial activities of nine South African liverwort species. <i>Phytochemistry Letters</i> , 2016 , 16, 61-69	1.9	8
41	Characterization of the Cultivation Region of Ethiopian Coffee by Elemental Analysis. <i>Analytical Letters</i> , 2016 , 49, 2474-2489	2.2	20
40	Simultaneous Determination of Alkaloids in Green Coffee Beans from Ethiopia: Chemometric Evaluation of Geographical Origin. <i>Food Analytical Methods</i> , 2016 , 9, 1627-1637	3.4	27
39	Myricetin: A Dietary Molecule with Diverse Biological Activities. <i>Nutrients</i> , 2016 , 8, 90	6.7	293
38	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	3.5	13
37	Gingerols and shogaols: Important nutraceutical principles from ginger. <i>Phytochemistry</i> , 2015 , 117, 554-568	4.8	244
36	Binding of RDX to Cell Wall Components of <i>Pinus sylvestris</i> and <i>Picea glauca</i> and Three-Year Mineralisation Study of Tissue-Associated RDX Residues. <i>International Journal of Phytoremediation</i> , 2015 , 17, 716-25	3.9	5

35	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	2.1	4
34	Chemical variations, trichome structure and antifungal activities of essential oils of <i>Helichrysum splendidum</i> from South Africa. <i>South African Journal of Botany</i> , 2015 , 96, 78-84	2.9	7
33	HPTLC-MS as an efficient hyphenated technique for the rapid identification of antimicrobial compounds from propolis. <i>Phytochemistry Letters</i> , 2015 , 11, 326-331	1.9	33
32	Cation-exchange solid-phase and liquid-liquid extraction for the determination of khat alkaloids by reversed phase HPLC-DAD. <i>Bulletin of the Chemical Society of Ethiopia</i> , 2015 , 29, 331	1.2	3
31	Butein: From ancient traditional remedy to modern nutraceutical. <i>Phytochemistry Letters</i> , 2015 , 11, 188-201	2.1	28
30	Application of essential oils as multi-target fungicides for the control of <i>Geotrichum citri-aurantii</i> and other postharvest pathogens of citrus. <i>Industrial Crops and Products</i> , 2014 , 61, 151-159	5.9	54
29	<i>Lawsonia inermis</i> L. (henna): ethnobotanical, phytochemical and pharmacological aspects. <i>Journal of Ethnopharmacology</i> , 2014 , 155, 80-103	5	93
28	Metabolic profiling of mango cultivars to identify biomarkers for resistance against <i>Fusarium</i> infection. <i>Phytochemistry Letters</i> , 2014 , 10, civ-cx	1.9	11
27	New phytochemicals from the corms of medicinally important South African <i>Hypoxis</i> species. <i>Phytochemistry Letters</i> , 2014 , 10, lxx-lxxv	1.9	8
26	Extraction and Identification of Phytosterols in Manketti (<i>Schinziophyton rautanenii</i>) Nut Oil. <i>JAOCs, Journal of the American Oil Chemists Society</i> , 2014 , 91, 783-794	1.8	17
25	Purification, stability and antifungal activity of verbascoside from <i>Lippia javanica</i> and <i>Lantana camara</i> leaf extracts. <i>Industrial Crops and Products</i> , 2013 , 43, 820-826	5.9	26
24	A chemotaxonomic assessment of four indigenous South African <i>Lippia</i> species using GCMS and vibrational spectroscopy of the essential oils. <i>Biochemical Systematics and Ecology</i> , 2013 , 51, 142-152	1.4	12
23	A novel approach in herbal quality control using hyperspectral imaging: discriminating between <i>Sceletium tortuosum</i> and <i>Sceletium crassicaule</i> . <i>Phytochemical Analysis</i> , 2013 , 24, 550-5	3.4	19
22	Chemometrics and vibrational spectroscopy as green tools for mine phytoremediation strategies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013 , 100, 138-43	4.4	1
21	Near-infrared spectroscopy and chemometrics for rapid profiling of plant secondary metabolites. <i>Pure and Applied Chemistry</i> , 2013 , 85, 2197-2208	2.1	5
20	Essential Oils and Other Plant Extracts as Food Preservatives 2012 , 539-579		8
19	The chemotypic variation of <i>Sceletium tortuosum</i> alkaloids and commercial product formulations. <i>Biochemical Systematics and Ecology</i> , 2012 , 44, 364-373	1.4	21
18	Validated RP-UHPLC PDA and GCMS methods for the analysis of psychoactive alkaloids in <i>Sceletium tortuosum</i> . <i>South African Journal of Botany</i> , 2012 , 82, 99-107	2.9	20

17	In vitro permeation of mesembrine alkaloids from <i>Sceletium tortuosum</i> across porcine buccal, sublingual, and intestinal mucosa. <i>Planta Medica</i> , 2012 , 78, 260-8	3.1	13
16	In vitro activity of eighteen essential oils and some major components against common postharvest fungal pathogens of fruit. <i>Industrial Crops and Products</i> , 2011 , 33, 344-349	5.9	111
15	Isolation of <i>Sceletium</i> alkaloids by high-speed countercurrent chromatography. <i>Phytochemistry Letters</i> , 2011 , 4, 190-193	1.9	29
14	Evaluation of <i>Lippia scaberrima</i> essential oil and some pure terpenoid constituents as postharvest mycobiocides for avocado fruit. <i>Postharvest Biology and Technology</i> , 2010 , 57, 176-182	6.2	47
13	Chemical composition and antifungal activity of the essential oils of <i>Lippia rehmannii</i> from South Africa. <i>South African Journal of Botany</i> , 2010 , 76, 37-42	2.9	39
12	Phenylethanoid glycosides from <i>Lippia javanica</i> . <i>South African Journal of Botany</i> , 2010 , 76, 58-63	2.9	29
11	South African <i>Lippia</i> herbal infusions: Total phenolic content, antioxidant and antibacterial activities. <i>South African Journal of Botany</i> , 2010 , 76, 567-571	2.9	40
10	Bioactivity of selected essential oils and some components on <i>Listeria monocytogenes</i> biofilms. <i>South African Journal of Botany</i> , 2010 , 76, 676-680	2.9	44
9	Correlation of volatile profiles of twenty mango cultivars with their susceptibilities to mango gall fly infestation. <i>South African Journal of Botany</i> , 2010 , 76, 710-716	2.9	13
8	In vitro and in vivo screening of essential oils for the control of wet bubble disease of <i>Agaricus bisporus</i> . <i>South African Journal of Botany</i> , 2010 , 76, 681-685	2.9	20
7	Effect of secondary metabolites on gall fly infestation of mango leaves. <i>Flavour and Fragrance Journal</i> , 2010 , 25, 223-229	2.5	7
6	Essential oil amended coatings as alternatives to synthetic fungicides in citrus postharvest management. <i>Postharvest Biology and Technology</i> , 2009 , 53, 117-122	6.2	122
5	Polar <i>Lippia</i> extracts as alternatives for the postharvest control of Guazatine [®] -resistant strains of <i>Penicillium digitatum</i> in citrus. <i>Fruits</i> , 2009 , 64, 75-82	0.3	11
4	Fungitoxicity of <i>Lippia scaberrima</i> essential oil and selected terpenoid components on two mango postharvest spoilage pathogens. <i>Postharvest Biology and Technology</i> , 2008 , 48, 254-258	6.2	62
3	Morphology and histochemistry of the glandular trichomes of <i>Lippia scaberrima</i> (Verbenaceae). <i>Annals of Botany</i> , 2007 , 99, 1111-9	4.1	45
2	Effects of Post-Harvest Drying on the Essential Oil and Glandular Trichomes of <i>Lippia scaberrima</i> Sond.. <i>Journal of Essential Oil Research</i> , 2006 , 18, 80-84	2.3	18
1	Cannabigerol: a bibliometric overview and review of research on an important phytocannabinoid. <i>Phytochemistry Reviews</i> , 1	7.7	0