Sandra Combrinck

List of Publications by Citations

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	Myricetin: A Dietary Molecule with Diverse Biological Activities. *Nutrients*, **2016**, 8, 90	6.7	293
69	Gingerols and shogaols: Important nutraceutical principles from ginger. *Phytochemistry*, **2015**, 117, 554-568	4	244
68	Essential oil amended coatings as alternatives to synthetic fungicides in citrus postharvest management. *Postharvest Biology and Technology*, **2009**, 53, 117-122	6.2	122
67	In vitro activity of eighteen essential oils and some major components against common postharvest fungal pathogens of fruit. *Industrial Crops and Products*, **2011**, 33, 344-349	5.9	111
66	Lawsonia inermis L. (henna): ethnobotanical, phytochemical and pharmacological aspects. *Journal of Ethnopharmacology*, **2014**, 155, 80-103	5	93
65	Fungitoxicity of Lippia scaberrima essential oil and selected terpenoid components on two mango postharvest spoilage pathogens. *Postharvest Biology and Technology*, **2008**, 48, 254-258	6.2	62
64	Profiling of phenolic compounds using UPLC-MS for determining the geographical origin of green coffee beans from Ethiopia. *Journal of Food Composition and Analysis*, **2016**, 45, 16-25	4.1	56
63	Application of essential oils as multi-target fungicides for the control of Geotrichum citri-aurantii and other postharvest pathogens of citrus. *Industrial Crops and Products*, **2014**, 61, 151-159	5.9	54
62	Evaluation of Lippia scaberrima essential oil and some pure terpenoid constituents as postharvest mycobiocides for avocado fruit. *Postharvest Biology and Technology*, **2010**, 57, 176-182	6.2	47
61	Morphology and histochemistry of the glandular trichomes of Lippia scaberrima (Verbenaceae). *Annals of Botany*, **2007**, 99, 1111-9	4.1	45
60	Bioactivity of selected essential oils and some components on Listeria monocytogenes biofilms. *South African Journal of Botany*, **2010**, 76, 676-680	2.9	44
59	South African Lippia herbal infusions: Total phenolic content, antioxidant and antibacterial activities. *South African Journal of Botany*, **2010**, 76, 567-571	2.9	40
58	Chemical composition and antifungal activity of the essential oils of Lippia rehmannii from South Africa. *South African Journal of Botany*, **2010**, 76, 37-42	2.9	39
57	HPTLC-MS as an efficient hyphenated technique for the rapid identification of antimicrobial compounds from propolis. *Phytochemistry Letters*, **2015**, 11, 326-331	1.9	33
56	Isolation of Sceletium alkaloids by high-speed countercurrent chromatography. *Phytochemistry Letters*, **2011**, 4, 190-193	1.9	29
55	Phenylethanoid glycosides from Lippia javanica. *South African Journal of Botany*, **2010**, 76, 58-63	2.9	29
54	Butein: From ancient traditional remedy to modern nutraceutical. *Phytochemistry Letters*, **2015**, 11, 188-201	2.1	28

53	Simultaneous Determination of Alkaloids in Green Coffee Beans from Ethiopia: Chemometric Evaluation of Geographical Origin. *Food Analytical Methods*, **2016**, 9, 1627-1637	3.4	27
52	Purification, stability and antifungal activity of verbascoside from Lippia javanica and Lantana camara leaf extracts. *Industrial Crops and Products*, **2013**, 43, 820-826	5.9	26
51	GC-MS profiling of fatty acids in green coffee (Coffea arabica L.) beans and chemometric modeling for tracing geographical origins from Ethiopia. *Journal of the Science of Food and Agriculture*, **2019**, 99, 3811-3823	4.3	23
50	The chemotypic variation of Sceletium tortuosum alkaloids and commercial product formulations. *Biochemical Systematics and Ecology*, **2012**, 44, 364-373	1.4	21
49	Characterization of the Cultivation Region of Ethiopian Coffee by Elemental Analysis. *Analytical Letters*, **2016**, 49, 2474-2489	2.2	20
48	Validated RP-UHPLC PDA and GC□MS methods for the analysis of psychoactive alkaloids in Sceletium tortuosum. *South African Journal of Botany*, **2012**, 82, 99-107	2.9	20
47	In vitro and in vivo screening of essential oils for the control of wet bubble disease of Agaricus bisporus. *South African Journal of Botany*, **2010**, 76, 681-685	2.9	20
46	A novel approach in herbal quality control using hyperspectral imaging: discriminating between Sceletium tortuosum and Sceletium crassicaule. *Phytochemical Analysis*, **2013**, 24, 550-5	3.4	19
45	Bush tea (Athrixia phylicoides): A review of the traditional uses, bioactivity and phytochemistry. *South African Journal of Botany*, **2017**, 110, 4-17	2.9	18
44	Effects of Post-Harvest Drying on the Essential Oil and Glandular Trichomes of Lippia scaberrima Sond.. *Journal of Essential Oil Research*, **2006**, 18, 80-84	2.3	18
43	Extraction and Identification of Phytosterols in Manketti (Schinziophyton rautanenii) Nut Oil. *JAOCS, Journal of the American Oil ChemistsoSociety*, **2014**, 91, 783-794	1.8	17
42	Acacetin□A simple flavone exhibiting diverse pharmacological activities. *Phytochemistry Letters*, **2019**, 32, 56-65	1.9	16
41	H-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	4	16
40	Exploring Common Culinary Herbs and Spices as Potential Anti-Quorum Sensing Agents. *Nutrients*, **2019**, 11,	6.7	14
39	Health benefits of chromones: common ingredients of our daily diet. *Phytochemistry Reviews*, **2020**, 19, 761-785	7.7	13
38	In vitro permeation of mesembrine alkaloids from Sceletium tortuosum across porcine buccal, sublingual, and intestinal mucosa. *Planta Medica*, **2012**, 78, 260-8	3.1	13
37	Correlation of volatile profiles of twenty mango cultivars with their susceptibilities to mango gall fly infestation. *South African Journal of Botany*, **2010**, 76, 710-716	2.9	13
36	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	3.5	13

35	Emodin - A natural anthraquinone derivative with diverse pharmacological activities. *Phytochemistry*, **2021**, 190, 112854	4	13
34	Isolation, in vitro evaluation and molecular docking of acetylcholinesterase inhibitors from South African Amaryllidaceae. *Fitoterapia*, **2020**, 146, 104650	3.2	12
33	A chemotaxonomic assessment of four indigenous South African Lippia species using GC-MS and vibrational spectroscopy of the essential oils. *Biochemical Systematics and Ecology*, **2013**, 51, 142-152	1.4	12
32	Metabolic profiling of mango cultivars to identify biomarkers for resistance against Fusarium infection. *Phytochemistry Letters*, **2014**, 10, civ-cx	1.9	11
31	Polar Lippia extracts as alternatives for the postharvest control of Guazatine -resistant strains of Penicillium digitatum in citrus. *Fruits*, **2009**, 64, 75-82	0.3	11
30	Occurrence, distribution, spatio-temporal variability and source identification of n-alkanes and polycyclic aromatic hydrocarbons in water and sediment from Loskop dam, South Africa. *Water Research*, **2020**, 186, 116350	12.5	10
29	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	5	9
28	A (-)-norephedrine-based molecularly imprinted polymer for the solid-phase extraction of psychoactive phenylpropylamino alkaloids from Khat (Catha edulis Vahl. Endl.) chewing leaves. *Biomedical Chromatography*, **2016**, 30, 1007-1015	1.7	9
27	Hazard assessment of polycyclic aromatic hydrocarbons in water and sediment in the vicinity of coalmines. *Journal of Soils and Sediments*, **2016**, 16, 2740-2752	3.4	8
26	Volatile constituents and antimicrobial activities of nine South African liverwort species. *Phytochemistry Letters*, **2016**, 16, 61-69	1.9	8
25	New phytochemicals from the corms of medicinally important South African Hypoxis species. *Phytochemistry Letters*, **2014**, 10, lxix-lxxv	1.9	8
24	Essential Oils and Other Plant Extracts as Food Preservatives **2012**, 539-579		8
23	Comparative chemical profiling and antimicrobial activity of two interchangeably used Imphepho species (Helichrysum odoratissimum and Helichrysum petiolare). *South African Journal of Botany*, **2021**, 137, 117-132	2.9	8
22	Chemical variations, trichome structure and antifungal activities of essential oils of Helichrysum splendidum from South Africa. *South African Journal of Botany*, **2015**, 96, 78-84	2.9	7
21	Effect of secondary metabolites on gall fly infestation of mango leaves. *Flavour and Fragrance Journal*, **2010**, 25, 223-229	2.5	7
20	Unravelling the Antibacterial Activity of Root Bark through a Metabolomic Approach. *Molecules*, **2020**, 25,	4.8	7
19	Investigation of fumonisin interaction with maize macrocomponents and its bioaccessibility from porridge using the dynamic tiny-TIM gastrointestinal model. *Food Control*, **2020**, 113, 107165	6.2	6
18	Binding of RDX to Cell Wall Components of Pinus sylvestris and Picea glauca and Three-Year Mineralisation Study of Tissue-Associated RDX Residues. *International Journal of Phytoremediation*, **2015**, 17, 716-25	3.9	5

17	NMR structural elucidation of channaine, an unusual alkaloid from Sceletium tortuosum. *Phytochemistry Letters*, **2018**, 23, 189-193	1.9	5
16	Near-infrared spectroscopy and chemometrics for rapid profiling of plant secondary metabolites. *Pure and Applied Chemistry*, **2013**, 85, 2197-2208	2.1	5
15	Polyphenol contents of green coffee beans from different regions of Ethiopia. *International Journal of Food Properties*, **2021**, 24, 17-27	3	5
14	Chemotypic variation of non-volatile constituents of Artemisia afra (African wormwood) from South Africa. *Fitoterap*, **2020**, 147, 104740	3.2	5
13	Single-step isolation of embelin using high-performance countercurrent chromatography and determination of the fatty acid composition of seeds of Embelia schimperi. *Biomedical Chromatography*, **2017**, 31, e4018	1.7	4
12	Rapid differentiation of Khat (Catha edulis Vahl. Endl.) using single point and imaging vibrational spectroscopy. *Vibrational Spectroscopy*, **2015**, 81, 96-105	2.1	4
11	Effect of pH on the toxicity of fumonisins towards the RTL-W1 cell line and zebrafish (Danio rerio) embryos. *Toxicology Letters*, **2019**, 313, 101-107	4.4	4
10	Identification, Isolation and Determination of Biomarkers for Quality Control of Bush Tea (Athrixia phyllicoides). *Planta Medica*, **2018**, 84, 902-912	3.1	3
9	Speciation of major and trace elements leached from coal fly ash and the kinetics involved. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2019**, 54, 1186-1196	2.3	3
8	Cation-exchange solid-phase and liquid-liquid extraction for the determination of khat alkaloids by reversed phase HPLC-DAD. *Bulletin of the Chemical Society of Ethiopia*, **2015**, 29, 331	1.2	3
7	Rapid differentiation of Piper methysticum (kava) plant parts using single point and imaging vibrational spectroscopy. *Journal of Applied Research on Medicinal and Aromatic Plants*, **2020**, 16, 100235	2.6	2
6	Chemometrics and vibrational spectroscopy as green tools for mine phytoremediation strategies. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2013**, 100, 138-43	4.4	1
5	Investigating antimicrobial compounds in South African Combretaceae species using a biochemometric approach. *Journal of Ethnopharmacology*, **2021**, 269, 113681	5	1
4	Phytochemical Profiling and Quality Control of Burch. ex DC. Using HPTLC Metabolomics. *Molecules* , **2021**, 26,	4.8	1
3	Cannabigerol: a bibliometric overview and review of research on an important phytocannabinoid. *Phytochemistry Reviews*,1	7.7	0
2	Robust chemometric models for screening mango cultivars to predict their resistance against Fusarium infection. *Australasian Plant Pathology*, **2016**, 45, 269-277	1.4	
1	High performance thin layer chromatography fingerprinting of rooibos (Aspalathus linearis) and honeybush (Cyclopia genistoides, Cyclopia intermedia and Cyclopia subternata) teas. *Journal of Applied Research on Medicinal and Aromatic Plants*, **2022**, 30, 100378	2.6	