

Vanessa Steenkamp

List of Publications by Year in descending order

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91
papers

2,568
citations

172457

29
h-index

206112

48
g-index

92
all docs

92
docs citations

92
times ranked

2793
citing authors

#	ARTICLE	IF	CITATIONS
1	Traditional herbal remedies used by South African women for gynaecological complaints. <i>Journal of Ethnopharmacology</i> , 2003, 86, 97-108.	4.1	143
2	Studies on antibacterial, antioxidant and fibroblast growth stimulation of wound healing remedies from South Africa. <i>Journal of Ethnopharmacology</i> , 2004, 95, 353-357.	4.1	139
3	Clinical and Analytical Aspects of Pyrrolizidine Poisoning Caused by South African Traditional Medicines. <i>Therapeutic Drug Monitoring</i> , 2000, 22, 302-306.	2.0	112
4	Medicinal Applications and Toxicological Activities of Aloe. Products. <i>Pharmaceutical Biology</i> , 2007, 45, 411-420.	2.9	106
5	In vitro screening for acetylcholinesterase inhibition and antioxidant activity of medicinal plants from southern Africa. <i>Asian Pacific Journal of Tropical Medicine</i> , 2011, 4, 829-835.	0.8	100
6	Evaluation of Athrixia bush tea for cytotoxicity, antioxidant activity, caffeine content and presence of pyrrolizidine alkaloids. <i>Journal of Ethnopharmacology</i> , 2007, 110, 16-22.	4.1	95
7	Studies on antibacterial, anti-inflammatory and antioxidant activity of herbal remedies used in the treatment of benign prostatic hyperplasia and prostatitis. <i>Journal of Ethnopharmacology</i> , 2006, 103, 71-75.	4.1	90
8	The toxicity of Callilepis laureola, a South African traditional herbal medicine. <i>Clinical Biochemistry</i> , 2001, 34, 229-236.	1.9	89
9	The Biochemistry and Toxicity of Atractyloside: A Review. <i>Therapeutic Drug Monitoring</i> , 2000, 22, 641-649.	2.0	88
10	In vitro determination of the anti-aging potential of four southern African medicinal plants. <i>BMC Complementary and Alternative Medicine</i> , 2013, 13, 304.	3.7	77
11	Cytotoxicity of six South African medicinal plant extracts used in the treatment of cancer. <i>South African Journal of Botany</i> , 2006, 72, 630-633.	2.5	68
12	Antioxidant and acetylcholinesterase inhibitory activity of selected southern African medicinal plants. <i>South African Journal of Botany</i> , 2011, 77, 638-644.	2.5	66
13	Herbal remedies affecting coagulation: A review. <i>Pharmaceutical Biology</i> , 2012, 50, 443-452.	2.9	63
14	Screening of Venda medicinal plants for antifungal activity against <i>Candida albicans</i> . <i>South African Journal of Botany</i> , 2007, 73, 256-258.	2.5	57
15	The effect of <i>Senecio latifolius</i> a plant used as a South African traditional medicine, on a human hepatoma cell line. <i>Journal of Ethnopharmacology</i> , 2001, 78, 51-58.	4.1	55
16	Pyrrolizidine Poisoning: A Neglected Area in Human Toxicology. <i>Therapeutic Drug Monitoring</i> , 2001, 23, 698-708.	2.0	53
17	Bioavailability of resveratrol: Possibilities for enhancement. <i>Journal of Herbal Medicine</i> , 2018, 11, 71-77.	2.0	47
18	Hepatic veno-occlusive disease as a result of a traditional remedy: confirmation of toxic pyrrolizidine alkaloids as the cause, using an in vitro technique. <i>Journal of Clinical Pathology</i> , 2002, 55, 676-679.	2.0	46

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19	Detection of poisoning by Impila (<i>Callilepis laureola</i>) in a mother and child. <i>Human and Experimental Toxicology</i> , 1999, 18, 594-597.	2.2	45
20	Phytomedicines for the prostate. <i>FÄ-toterapÄ-Äç</i> , 2003, 74, 545-552.	2.2	43
21	The Toxicology of African Herbal Remedies. <i>Therapeutic Drug Monitoring</i> , 1998, 20, 510-516.	2.0	43
22	Solamargine, a bioactive steroidal alkaloid isolated from <i>Solanum aculeastrum</i> induces non-selective cytotoxicity and P-glycoprotein inhibition. <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 137.	3.7	42
23	Antibacterial activity of Venda medicinal plants. <i>FÄ-toterapÄ-Äç</i> , 2007, 78, 561-564.	2.2	41
24	Cytotoxicity and acetylcholinesterase inhibitory activity of an isolated crinine alkaloid from <i>Boopane disticha</i> (<i>Amaryllidaceae</i>). <i>Journal of Ethnopharmacology</i> , 2012, 143, 572-578.	4.1	41
25	Adulteration of South African Traditional Herbal Remedies. <i>Therapeutic Drug Monitoring</i> , 2005, 27, 86-89.	2.0	37
26	Targeting Alzheimer's disease by investigating previously unexplored chemical space surrounding the cholinesterase inhibitor donepezil. <i>European Journal of Medicinal Chemistry</i> , 2017, 127, 671-690.	5.5	36
27	Use of Yokukansan (Tjâ€54) in the treatment of neurological disorders: a review. <i>Phytotherapy Research</i> , 2010, 24, 1265-1270.	5.8	34
28	In vitro neuroprotective potential of four medicinal plants against rotenone-induced toxicity in SH-SY5Y neuroblastoma cells. <i>BMC Complementary and Alternative Medicine</i> , 2013, 13, 353.	3.7	32
29	Antioxidant and genotoxic properties of South African herbal extracts. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2005, 581, 35-42.	1.7	31
30	Metal concentrations in plants and urine from patients treated with traditional remedies. <i>Forensic Science International</i> , 2000, 114, 89-95.	2.2	30
31	Nephrotoxicity Associated With Exposure to Plant Toxins, With Particular Reference to Africa. <i>Therapeutic Drug Monitoring</i> , 2005, 27, 270-277.	2.0	30
32	Acute Renal Failure Associated with the Use of Traditional Folk Remedies in South Africa. <i>Renal Failure</i> , 2005, 27, 35-43.	2.1	29
33	A severe case of multiple metal poisoning in a child treated with a traditional medicine. <i>Forensic Science International</i> , 2002, 128, 123-126.	2.2	27
34	Acute Renal Failure Associated with the Use of Traditional Folk Remedies in South Africa. <i>Renal Failure</i> , 2005, 27, 35-43.	2.1	27
35	Effect of an alkaloidal fraction of <i>Tabernaemontana elegans</i> (Stapf.) on selected micro-organisms. <i>Journal of Ethnopharmacology</i> , 2012, 140, 398-404.	4.1	25
36	A fatal case of pepper poisoning. <i>Forensic Science International</i> , 2001, 124, 43-46.	2.2	24

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37	Novel N-benzylpiperidine carboxamide derivatives as potential cholinesterase inhibitors for the treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2019, 179, 680-693.	5.5	24
38	Structural characterization of chromoneC-glucosides in a toxic herbal remedy. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 49-55.	1.5	23
39	In-vitro bioactivity of Venda medicinal plants used in the treatment of respiratory conditions. <i>Human and Experimental Toxicology</i> , 2008, 27, 859-866.	2.2	23
40	Drug interactions in African herbal remedies. <i>Drug Metabolism and Drug Interactions</i> , 2011, 26, 53-63.	0.3	21
41	The cytotoxic effects of a traditional Zulu remedy, impila (<i>Callilepis laureola</i>). <i>Human and Experimental Toxicology</i> , 2002, 21, 643-647.	2.2	20
42	Attenuation of oxidative stress in U937 cells by polyphenolic-rich bark fractions of <i>Burkea africana</i> and <i>Syzygium cordatum</i> . <i>BMC Complementary and Alternative Medicine</i> , 2013, 13, 116.	3.7	20
43	Development and validation of an LC-MS/MS method for determination of p-phenylenediamine and its metabolites in blood samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 997, 1-6.	2.3	17
44	GC/MS identification of toxic pyrrolizidine alkaloids in traditional remedies given to two sets of twins. <i>Annals of Clinical Biochemistry</i> , 2005, 42, 141-144.	1.6	15
45	Beneficial effects of folic acid on the kidneys and testes of adult albino rats after exposure to methomyl. <i>Toxicology Research</i> , 2018, 7, 480-491.	2.1	15
46	URANIUM CONCENTRATIONS IN SOUTH AFRICAN HERBAL REMEDIES. <i>Health Physics</i> , 2005, 89, 679-683.	0.5	14
47	<i>Senecio latifolius</i> induces in vitro hepatocytotoxicity in a human cell line This article is one of a selection of papers published in this special issue (part 2 of 2) on the Safety and Efficacy of Natural Health Products.. <i>Canadian Journal of Physiology and Pharmacology</i> , 2007, 85, 1063-1075.	1.4	14
48	In Vitro Anti-diabetic Activity of <i>Sclerocarya Birrea</i> and <i>Ziziphus Mucronata</i> . <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.5	13
49	Synthesis and biological evaluation of 2-chloro-3-[(thiazol-2-yl)amino]-1,4-naphthoquinones. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 1572-1575.	2.2	12
50	Cytotoxic activity of pentachlorophenol and its active metabolites in SH-SY5Y neuroblastoma cells. <i>Toxicology in Vitro</i> , 2019, 58, 118-125.	2.4	12
51	The ability of three African herbal remedies to offer protection against an in vitro model of Parkinson's disease. <i>South African Journal of Botany</i> , 2019, 126, 121-131.	2.5	12
52	A Brief Updated Review of Advances to Enhance Resveratrol's Bioavailability. <i>Molecules</i> , 2021, 26, 4367.	3.8	12
53	Conditions frequently self-treated with herbal remedies by patients visiting a tertiary hospital in Gauteng, South Africa. <i>South African Family Practice: Official Journal of the South African Academy of Family Practice/Primary Care</i> , 2015, 57, 8-11.	0.6	11
54	Acute renal failure associated with the use of traditional folk remedies in South Africa. <i>Renal Failure</i> , 2005, 27, 35-43.	2.1	11

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55	In vitro effect of <i>N</i> -acetylcysteine on hepatocyte injury caused by dichlorodiphenyltrichloroethane and its metabolites. <i>Human and Experimental Toxicology</i> , 2014, 33, 41-53.	2.2	10
56	African Herbal Remedies with Antioxidant Activity: A Potential Resource Base for Wound Treatment. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-58.	1.2	10
57	Effects of selected South African plant extracts on haemolysis and coagulation. <i>Human and Experimental Toxicology</i> , 2012, 31, 250-257.	2.2	9
58	Medicinal plants and their derivatives with amyloid beta inhibitory activity as potential targets for drug discovery. <i>Asian Pacific Journal of Tropical Disease</i> , 2015, 5, 430-440.	0.5	9
59	Natural Products and/or Isolated Compounds on Wound Healing. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-3.	1.2	9
60	Extracts of <i>Moringa oleifera</i> lack cytotoxicity and attenuate oleic acid-induced steatosis in an in vitro HepG2 model. <i>South African Journal of Botany</i> , 2020, 129, 123-133.	2.5	9
61	Standardization of cassava Mahewu fermentation and assessment of the effects of iron sources used for fortification. <i>African Journal of Food, Agriculture, Nutrition and Development</i> , 2016, 16, 10898-10912.	0.2	9
62	Antioxidant scavenging potential of South African export herbal teas. <i>South African Journal of Botany</i> , 2004, 70, 660-663.	2.5	8
63	Fatalities involving illicit drug use in Pretoria, South Africa, for the period 2003 - 2012. <i>South African Medical Journal</i> , 2016, 106, 1051.	0.6	8
64	Attenuation of oxidative stress and artificial wound closure in C2C12 myoblasts induced by sequential extracts of <i>Boerhavia diffusa</i> . <i>Journal of Pharmacy and Pharmacology</i> , 2017, 70, 111-123.	2.4	7
65	Toxicity Testing of Two Medicinal Plants, <i>Bridelia micrantha</i> and <i>Antidesma venosum</i> . <i>The Open Toxicology Journal</i> , 2009, 3, 35-38.	1.0	7
66	Isolation of Cycloeucalenol from <i>Boophone disticha</i> and Evaluation of its Cytotoxicity. <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.5	6
67	The effects of the natural enzyme, Pectinex Ultra SP-L, on human cell cultures and bacterial biofilms in vitro. <i>BMC Microbiology</i> , 2014, 14, 251.	3.3	6
68	Polyamidoamine-Drug Conjugates Containing Metal-Based Anticancer Compounds. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 1503-1518.	3.7	6
69	Editorial: Cosmeceuticals From Medicinal Plants. <i>Frontiers in Pharmacology</i> , 2020, 11, 1149.	3.5	6
70	Priority areas for cannabis and cannabinoid product research in South Africa. <i>African Journal of Primary Health Care and Family Medicine</i> , 2018, 10, e1-e3.	0.8	5
71	Effect of ethnomedicinal extracts used for wound healing on cellular migration and intracellular reactive oxygen species release in SC-1 fibroblasts. <i>South African Journal of Botany</i> , 2018, 118, 11-17.	2.5	5
72	Comparative Toxicity of Pentachlorophenol with its Metabolites tetrachloro-1,2-hydroquinone and Tetrachloro-1,4-benzoquinone in HepG2 Cells. <i>The Open Toxicology Journal</i> , 2012, 5, 11-20.	1.0	5

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73	The ability of Warburgia salutaris extracts to protect against crystalline silica-induced cell injury. Human and Experimental Toxicology, 2008, 27, 827-835.	2.2	4
74	Extracts of Terminalia sericea Enhance Cell Migratory Activity of Endothelial Hybrid and Fibroblast Cells In Vitro. Planta Medica, 2017, 83, 1397-1404.	1.3	4
75	Physicochemical and in vitro cytotoxicity evaluation of polymeric drugs for combination cancer therapy. International Journal of Polymeric Materials and Polymeric Biomaterials, 2020, 69, 1134-1148.	3.4	4
76	Synthesis, Antibacterial, and Cytotoxicity Evaluation of Oleanolic Acid-4-aminoquinoline Based Hybrid Compounds. Recent Patents on Anti-infective Drug Discovery, 2021, 16, 122-136.	0.8	4
77	Zinc oxide nanoparticles induce oxidative stress and histopathological toxicity in the thyroid gland and liver of rats. Toxicological and Environmental Chemistry, 2021, 103, 399-422.	1.2	3
78	Evaluation of Four Assays to Determine Cytotoxicity of Selected Crude Medicinal Plant Extracts In vitro. British Journal of Pharmaceutical Research, 2015, 7, 16-21.	0.4	3
79	Mechanisms facilitating the uptake of carboxylated polythene glycol-functionalized gold nanoparticles into multicellular spheroids. Journal of Pharmacy and Pharmacology, 2022, 74, 1282-1295.	2.4	3
80	Bulb extracts of Boophone disticha induce hepatotoxicity by perturbing growth, without significantly impacting cellular viability. South African Journal of Botany, 2018, 114, 1-8.	2.5	2
81	Important pharmacogenomic aspects in the management of HIV/AIDS. South African Family Practice: Official Journal of the South African Academy of Family Practice/Primary Care, 2019, 61, S15-S18.	0.6	2
82	Death Due to Use of Traditional Medicines in Africa: A Preventable Cause of Neonatal and Infant Mortality. Journal of Pediatric Gastroenterology and Nutrition, 2003, 36, 294-295.	1.8	2
83	Design of Oleanolic Acid-based Hybrid Compounds as Potential Pharmaceutical Scaffolds. Letters in Drug Design and Discovery, 2022, 19, 10-19.	0.7	1
84	CNS effects after muti ingestion: what is the cause?. Forensic Science International, 2004, 139, 93-94.	2.2	0
85	Application of a LC-MS/MS method developed for the determination of <i>N</i> -phenylenediamine, <i>N</i> -acetyl- <i>N</i> -phenylenediamine and <i>N</i> , <i>N</i> -diacetyl- <i>N</i> -phenylenediamine in 17 human urine specimens. Biomedical Chromatography, 2016, 30, 1922-1927.		0
86	Synthesis and biological screening of diethyl [N-(thiazol-2-yl)carbamoyl]methylphosphonates. Arkivoc, 2019, 2018, 110-118.	0.5	0
87	Development and characterisation of a triple-negative breast cancer multicellular spheroidal model. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO3-7-29.	0.0	0
88	Ethnomedicinal extracts of three Ghanaian plants attenuate oxidation in SC-1 fibroblasts, while perturbing cellular migration. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO4-8-35.	0.0	0
89	Drugged driving in South Africa: An urgent need for review and reform. South African Crime Quarterly, 2019, , 7-18.	0.2	0
90	Isolation and antioxidant activity of 5-methyldihydroflavasiperone from ethanol leaf extract of Guiera senegalensis JF Gmel. Journal of Medicinal Plants for Economic Development, 2022, 6, .	0.4	0

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91	Editorial: Translational Research and Drug Repurposing for Non-Communicable Diseases (NCDs). Frontiers in Pharmacology, 2022, 13, 879611.	3.5	0