Gary Ivan Stafford

List of Publications by Year
in descending order

60 papers	2,449 citations	212478 28 h-index	223390 49 g-index
66 all docs	66 docs citations	66 times ranked	2834 citing authors

#	Article	IF	Citations
1	Mass Spectrometry Metabolomics and Feature-Based Molecular Networking Reveals Population-Specific Chemistry in Some Species of the Sceletium Genus. Frontiers in Nutrition, 2022, 9, 819753.	1.6	2
2	Acetylcholinesterase inhibitors from southern African plants: An overview of ethnobotanical, pharmacological potential and phytochemical research including and beyond Alzheimer's disease treatment. South African Journal of Botany, 2019, 120, 39-64.	1.2	69
3	Best practice in research: Consensus Statement on Ethnopharmacological Field Studies â€“ ConSEFS. Journal of Ethnopharmacology, 2018, 211, 329-339.	2.0	115
4	Reverse ethnopharmacology and drug discovery. Journal of Ethnopharmacology, 2017, 198, 417-431.	2.0	30
5	The first phylogenetic hypothesis for the southern African endemic genusTulbaghia(Amaryllidaceae, Allioideae) based on plastid and nuclear DNA sequences. Botanical Journal of the Linnean Society, 2016, 181, 156-170.	0.8	12
6	Antiinflammatory and neurological activity of pyrithione and related sulfur-containing pyridine N-oxides from Persian shallot (Allium stipitatum). Journal of Ethnopharmacology, 2014, 154, 176-182.	2.0	28
7	Phytosynergy in some Hypoxis species and pharmacological properties of a Hypoxis-based phytopharmaceutical formula. Journal of Ethnopharmacology, 2013, 150, 492-500.	2.0	4
8	Serotonin transporter protein (SERT) and P-glycoprotein (P-gp) binding activity of montanine and coccinine from three species of Haemanthus L. (Amaryllidaceae). South African Journal of Botany, 2013, 88, 101-106.	1.2	10
9	Can phylogeny predict chemical diversity and potential medicinal activity of plants? A case study of amaryllidaceae. BMC Evolutionary Biology, 2012, 12, 182.	3.2	121
10	Quality assessment of Tulbaghia rhizomes. South African Journal of Botany, 2012, 82, 92-98.	1.2	10
11	Searsia species with affinity to the N-methyl-d-aspartic acid (NMDA) receptor. South African Journal of Botany, 2012, 78, 312-314.	1.2	2
12	Quality assessment of tulbaghia bulbs. Planta Medica, 2012, 78, .	0.7	0
13	South African plants used in traditional medicine to treat epilepsy have an antagonistic effect on NMDA receptor currents. Journal of Ethnopharmacology, 2011, 137, 382-388.	2.0	13
14	Phylogenetic selection of target species in Amaryllidaceae tribe Haemantheae for acetylcholinesterase inhibition and affinity to the serotonin reuptake transport protein. South African Journal of Botany, 2011, 77, 175-183.	1.2	34
15	Commercial herbal preparations in KwaZulu-Natal, South Africa: The urban face of traditional medicine. South African Journal of Botany, 2011, 77, 830-843.	1.2	55
16	What can phylogeny tell us about chemical diversity?. Planta Medica, 2011, 77, .	0.7	0
17	Ethnobotany, phytochemistry and pharmacology of Podocarpus sensu latissimo (s.l.). South African Journal of Botany, 2010, 76, 1-24.	1.2	72
18	In vitro cytotoxic and mutagenic evaluation of thirteen commercial herbal mixtures sold in KwaZulu-Natal, South Africa. South African Journal of Botany, 2010, 76, 132-138.	1.2	21

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19	Serotonin transporter affinity of (â˚)-loliolide, a monoterpene lactone from Mondia whitei. South African Journal of Botany, 2010, 76, 593-596.	1.2	20
20	Itoside A and 4-hydroxytremulacin from Dovyalis caffra and Dovyalis zeyheri. Biochemical Systematics and Ecology, 2010, 38, 346-348.	0.6	5
21	Anticonvulsant effects of Searsia dentata (Anacardiaceae) leaf extract in rats. Phytotherapy Research, 2010, 24, 924-927.	2.8	6
22	African Psychoactive Plants. ACS Symposium Series, 2010, , 323-346.	0.5	6
23	Amides from Piper capense with CNS Activity â€“ A Preliminary SAR Analysis. Molecules, 2009, 14, 3833-3843.	1.7	37
24	Alkaloids from Boophone disticha with affinity to the serotonin transporter. South African Journal of Botany, 2009, 75, 371-374.	1.2	43
25	Heterostyly and pollinators in Plumbago auriculata (Plumbaginaceae). South African Journal of Botany, 2009, 75, 778-784.	1.2	36
26	In vitro pharmacological effects of manufactured herbal concoctions used in KwaZulu-Natal South Africa. Journal of Ethnopharmacology, 2009, 122, 117-122.	2.0	43
27	Antimicrobial, anti-inflammatory and mutagenic investigation of the South African tree aloe (Aloe) Tj ETQq1 1 0.784314 rgBT /Overlock	2.0	59
28	COX-1 inhibition of Heteromorpha arborescens. South African Journal of Botany, 2008, 74, 335-337.	1.2	5
29	Isolation of the MAO-inhibitor naringenin from Mentha aquatica L.. Journal of Ethnopharmacology, 2008, 117, 500-502.	2.0	108
30	Antimicrobial activity of South African Podocarpus species. Journal of Ethnopharmacology, 2008, 119, 191-194.	2.0	23
31	The effect of extracts of Searsia species on epileptiform activity in slices of the mouse cerebral cortex. Journal of Ethnopharmacology, 2008, 119, 538-541.	2.0	22
32	Review on plants with CNS-effects used in traditional South African medicine against mental diseases. Journal of Ethnopharmacology, 2008, 119, 513-537.	2.0	187
33	Effects of South African traditional medicine in animal models for depression. Journal of Ethnopharmacology, 2008, 119, 542-548.	2.0	47
34	South Africa's â€˜botanical gold mineâ€™: threats and prospects. Transactions of the Royal Society of South Africa, 2008, 63, 85-90.	0.8	1
35	Alkaloids from Boophone disticha with affinity for the serotonin transporter. Planta Medica, 2008, 74, .	0.7	3
36	Cinnamamides from Piper capense with affinity to the benzodiazepine site on the GABAA receptor. Planta Medica, 2008, 74, .	0.7	1

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37	South African traditional medicine inhibits the spontaneous epileptiform discharges in slices of the mouse cerebral cortex. Planta Medica, 2008, 74, .	0.7	0
38	Effects of South Africa traditional medicine in animal models of depression. Planta Medica, 2008, 74, .	0.7	1
39	The polyacetylene falcarindiol with COX-1 activity isolated from Aegopodium podagraria L.. Journal of Ethnopharmacology, 2007, 113, 176-178.	2.0	31
40	Monoamine oxidase inhibition by southern African traditional medicinal plants. South African Journal of Botany, 2007, 73, 384-390.	1.2	65
41	Compounds from Mentha aquatica with affinity to the GABA-benzodiazepine receptor. South African Journal of Botany, 2007, 73, 518-521.	1.2	30
42	Anti-inflammatory activity of Aegopodium podagraria L. Planta Medica, 2007, 73, .	0.7	0
43	A new screening strategy for CNS active plants by early in vivo characterization. Planta Medica, 2007, 73, .	0.7	0
44	Psychotropic constituents of Mentha aquatica L.. Planta Medica, 2007, 73, .	0.7	1
45	Biflavones from Rhus species with affinity for the GABAA/benzodiazepine receptor. Journal of Ethnopharmacology, 2006, 103, 276-280.	2.0	73
46	Quantitative structureâ€“activity relationship studies on acetylcholinesterase enzyme inhibitory effects of Amaryllidaceae alkaloids. South African Journal of Botany, 2006, 72, 224-231.	1.2	36
47	Inhibition of [3 H]Citalopram Binding to the Rat Brain Serotonin Transporter by Amaryllidaceae Alkaloids. Planta Medica, 2006, 72, 470-473.	0.7	30
48	Pharmacological Studies on Xysmalobium undulatum and Mondia whitei â€“ Two South African plants with in vitro SSRI activity. Planta Medica, 2006, 72, .	0.7	4
49	Helichrysums: antibacterial and monoamine oxidase inhibitory activity of South African summer-rainfall species. Planta Medica, 2006, 72, .	0.7	0
50	Effect of storage on the chemical composition and biological activity of several popular South African medicinal plants. Journal of Ethnopharmacology, 2005, 97, 107-115.	2.0	81
51	Alkaloids from Boophane disticha with affinity to the serotonin transporter in rat brain. Journal of Ethnopharmacology, 2005, 98, 367-370.	2.0	50
52	Activity of traditional South African sedative and potentially CNS-acting plants in the GABA-benzodiazepine receptor assay. Journal of Ethnopharmacology, 2005, 100, 210-215.	2.0	63
53	Riding the wave: South Africa's contribution to ethnopharmacological research over the last 25 years. Journal of Ethnopharmacology, 2005, 100, 127-130.	2.0	55
54	Acetylcholinesterase Enzyme Inhibitory Effects of Amaryllidaceae Alkaloids. Planta Medica, 2004, 70, 260-262.	0.7	121

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55	Acetylcholinesterase inhibitory activity of plants used as memory- enhancers in traditional South African medicine. South African Journal of Botany, 2004, 70, 664-666.	1.2	18
56	Screening of plants used in southern Africa for epilepsy and convulsions in the GABAA-benzodiazepine receptor assay. Journal of Ethnopharmacology, 2004, 93, 177-182.	2.0	81
57	Assessing African medicinal plants for efficacy and safety: pharmacological screening and toxicology. Journal of Ethnopharmacology, 2004, 94, 205-217.	2.0	296
58	Screening of indigenous plants from South Africa for affinity to the serotonin reuptake transport protein. Journal of Ethnopharmacology, 2004, 94, 159-163.	2.0	50
59	Assessing African medicinal plants for efficacy and safety: agricultural and storage practices. Journal of Ethnopharmacology, 2004, 95, 113-121.	2.0	100
60	Isolation of captan from Cyrtanthus suaveolens: the effect of pesticides on the quality and safety of traditional medicine. South African Journal of Botany, 2004, 70, 512-514.	1.2	12