

Johannes Van Staden

List of Publications by Year in descending order

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363
papers

10,978
citations

30070

54
h-index

64796

79
g-index

368
all docs

368
docs citations

368
times ranked

8059
citing authors

#	ARTICLE	IF	CITATIONS
1	The synthesis, transport and metabolism of endogenous cytokinins. <i>Plant, Cell and Environment</i> , 1979, 2, 93-106.	5.7	216
2	A critical review on exploiting the pharmaceutical potential of plant endophytic fungi. <i>Biotechnology Advances</i> , 2020, 39, 107462.	11.7	206
3	The involvement of cytokinins in plant responses to environmental stress. <i>Plant Growth Regulation</i> , 1997, 23, 79-103.	3.4	192
4	Smoke as a germination cue: a review. <i>Plant Growth Regulation</i> , 1997, 22, 115-124.	3.4	183
5	Antibacterial, anti-inflammatory, anti-cholinesterase and mutagenic effects of extracts obtained from some trees used in South African traditional medicine. <i>Journal of Ethnopharmacology</i> , 2005, 102, 457-464.	4.1	175
6	Abscisic acid, gibberellins and brassinosteroids in Kelpak [®] , a commercial seaweed extract made from <i>Ecklonia maxima</i> . <i>Journal of Applied Phycology</i> , 2014, 26, 561-567.	2.8	155
7	Auxin and cytokinin relationships in 24 microalgal strains ¹ . <i>Journal of Phycology</i> , 2013, 49, 459-467.	2.3	150
8	Topolins: A panacea to plant tissue culture challenges?. <i>Plant Cell, Tissue and Organ Culture</i> , 2012, 108, 1-16.	2.3	147
9	Changes in lipid, protein and pigment concentrations in nitrogen-stressed <i>Chlorella minutissima</i> cultures. <i>Journal of Applied Phycology</i> , 2012, 24, 907-914.	2.8	132
10	A Review of <i>Swertia chirayita</i> (Gentianaceae) as a Traditional Medicinal Plant. <i>Frontiers in Pharmacology</i> , 2015, 6, 308.	3.5	126
11	Seed coat structure and dormancy. <i>Plant Growth Regulation</i> , 1992, 11, 201-209.	3.4	119
12	Effect of seaweed concentrate on the establishment and yield of greenhouse tomato plants. <i>Journal of Applied Phycology</i> , 1992, 4, 291-296.	2.8	119
13	The effect of a plant-derived smoke extract on the germination of light-sensitive lettuce seed. <i>Plant Growth Regulation</i> , 1995, 16, 205-209.	3.4	116
14	<i>Crinum</i> species in traditional and modern medicine. <i>Journal of Ethnopharmacology</i> , 2001, 78, 15-26.	4.1	113
15	Phenolic composition, antioxidant and acetylcholinesterase inhibitory activities of <i>Sclerocarya birrea</i> and <i>Harpephyllum caffrum</i> (Anacardiaceae) extracts. <i>Food Chemistry</i> , 2010, 123, 69-76.	8.2	111
16	In vitro plant regeneration, secondary metabolite production and antioxidant activity of micropropagated <i>Aloe arborescens</i> Mill. <i>Plant Cell, Tissue and Organ Culture</i> , 2012, 111, 345-358.	2.3	109
17	Hormone profiles in microalgae: Gibberellins and brassinosteroids. <i>Plant Physiology and Biochemistry</i> , 2013, 70, 348-353.	5.8	108
18	Screening microalgae for some potentially useful agricultural and pharmaceutical secondary metabolites. <i>Journal of Applied Phycology</i> , 2004, 16, 309-314.	2.8	102

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19	Comparison of cytokinin- and auxin-like activity in some commercially used seaweed extracts. <i>Journal of Applied Phycology</i> , 1996, 8, 503-508.	2.8	101
20	On the origin of southern African subtropical thicket vegetation. <i>South African Journal of Botany</i> , 2005, 71, 1-23.	2.5	99
21	Ethnobotany, ethnopharmacology and toxicity of <i>Jatropha curcas</i> L. (Euphorbiaceae): A review. <i>South African Journal of Botany</i> , 2013, 88, 204-218.	2.5	97
22	Butenolides from Plant-Derived Smoke: Natural Plant-Growth Regulators with Antagonistic Actions on Seed Germination. <i>Journal of Natural Products</i> , 2010, 73, 267-269.	3.0	95
23	Potential of phytohormones as a strategy to improve microalgae productivity for biotechnological applications. <i>Biotechnology Advances</i> , 2020, 44, 107612.	11.7	92
24	Medicinal plants: An invaluable, dwindling resource in sub-Saharan Africa. <i>Journal of Ethnopharmacology</i> , 2015, 174, 595-606.	4.1	87
25	Steps to overcome the North-South divide in research relevant to climate change policy and practice. <i>Nature Climate Change</i> , 2017, 7, 21-27.	18.8	84
26	Pharmacological and toxicological insights to the South African Amaryllidaceae. <i>Food and Chemical Toxicology</i> , 2013, 62, 262-275.	3.6	83
27	Title is missing!. <i>Plant Growth Regulation</i> , 1998, 24, 55-66.	3.4	82
28	Improving seedling vigour of indigenous medicinal plants with smoke. <i>Bioresource Technology</i> , 2005, 96, 1323-1330.	9.6	81
29	Seasonal variation in antimicrobial and phytochemical properties of frequently used medicinal bulbous plants from South Africa. <i>South African Journal of Botany</i> , 2011, 77, 387-396.	2.5	81
30	Smoke seed germination studies and a guide to seed propagation of plants from the major families of the Cape Floristic Region, South Africa. <i>South African Journal of Botany</i> , 2004, 70, 559-581.	2.5	80
31	Commercial Seaweed Products as Biostimulants in Horticulture. <i>Journal of Home & Consumer Horticulture</i> , 1993, 1, 19-76.	0.2	79
32	Stimulation of Rice (<i>Oryza sativa</i> L.) Seedling Vigour by Smoke-water and Butenolide. <i>Journal of Agronomy and Crop Science</i> , 2006, 192, 395-398.	3.5	79
33	Prostaglandin Synthesis Inhibitory Activity in Zulu, Xhosa and Sotho Medicinal Plants. <i>Phytotherapy Research</i> , 1997, 11, 113-117.	5.8	78
34	Effect of light on growth and endogenous hormones in <i>Chlorella minutissima</i> (Trebouxiophyceae). <i>Plant Physiology and Biochemistry</i> , 2014, 79, 66-76.	5.8	77
35	Medicinal properties and conservation of <i>Pelargonium sidoides</i> DC.. <i>Journal of Ethnopharmacology</i> , 2014, 152, 243-255.	4.1	77
36	Changes in Endogenous Cytokinin Levels in Kernels of <i>Zea mays</i> L. during Imbibition and Germination. <i>Journal of Experimental Botany</i> , 1978, 29, 1067-1075.	4.8	76

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37	Eckol - a new plant growth stimulant from the brown seaweed <i>Ecklonia maxima</i> . <i>Journal of Applied Phycology</i> , 2015, 27, 581-587.	2.8	75
38	The in vitro production of an anthocyanin from callus cultures of <i>Oxalis linearis</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 1995, 40, 55-58.	2.3	73
39	Bioactive molecules derived from smoke and seaweed <i>Ecklonia maxima</i> showing phytohormone-like activity in <i>Spinacia oleracea</i> L.. <i>New Biotechnology</i> , 2019, 48, 83-89.	4.4	73
40	The effect of stratification on endogenous cytokinin levels in seeds of <i>Acer saccharum</i> . <i>Planta</i> , 1972, 104, 110-114.	3.2	72
41	Patterns in the seed germination response to smoke in plants from the Cape Floristic Region, South Africa. <i>South African Journal of Botany</i> , 2003, 69, 514-525.	2.5	72
42	Influence of biostimulants-seed-priming on <i>Ceratotheca triloba</i> germination and seedling growth under low temperatures, low osmotic potential and salinity stress. <i>Ecotoxicology and Environmental Safety</i> , 2018, 147, 43-48.	6.0	72
43	Influence of plant growth regulators on shoot proliferation and secondary metabolite production in micropropagated <i>Huernia hystrix</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2013, 112, 249-256.	2.3	66
44	Dual regulation of seed germination by smoke solutions. <i>Plant Growth Regulation</i> , 2002, 37, 135-141.	3.4	65
45	Assessment of the role of meta-topolins on in vitro produced phenolics and acclimatization competence of micropropagated "Williams" banana. <i>Acta Physiologiae Plantarum</i> , 2012, 34, 2265-2273.	2.1	64
46	Evidence for rooting factors in a seaweed concentrate prepared from <i>Ecklonia maxima</i> . <i>Journal of Plant Physiology</i> , 1991, 137, 319-322.	3.5	62
47	Plant-derived smoke: an effective seed pre-treatment. <i>Plant Growth Regulation</i> , 1994, 14, 279-282.	3.4	62
48	The effect of light on endogenous cytokinin levels in seeds of <i>Rumex obtusifolius</i> . <i>Planta</i> , 1972, 104, 126-133.	3.2	61
49	The molecular basis of cytokinin action. <i>Plant Growth Regulation</i> , 1997, 23, 41-78.	3.4	60
50	In vitro pharmacological evaluation and phenolic content of ten South African medicinal plants used as anthelmintics. <i>South African Journal of Botany</i> , 2010, 76, 558-566.	2.5	59
51	Evidence of phytohormones and phenolic acids variability in garden-waste-derived vermicompost leachate, a well-known plant growth stimulant. <i>Plant Growth Regulation</i> , 2015, 75, 483-492.	3.4	58
52	New insights into plant somatic embryogenesis: an epigenetic view. <i>Acta Physiologiae Plantarum</i> , 2017, 39, 1.	2.1	58
53	Towards a standardised terminology for taxonomically important morphological characters in the Umbelliferae. <i>South African Journal of Botany</i> , 2004, 70, 488-496.	2.5	56
54	Apoptosis-inducing effects of distichamine and narciprimine, rare alkaloids of the plant family Amaryllidaceae. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 6195-6199.	2.2	56

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55	The effect of seaweed concentrate on the growth and yield of potassium stressed wheat. <i>Plant and Soil</i> , 1989, 116, 29-36.	3.7	55
56	Title is missing!. <i>Journal of Applied Phycology</i> , 1997, 9, 327-330.	2.8	54
57	Aerosol Smoke and Smoke-Water Stimulation of Seedling Vigor of a Commercial Maize Cultivar. <i>Crop Science</i> , 2006, 46, 1336-1340.	1.8	54
58	Plant composition, pharmacological properties and mutagenic evaluation of a commercial Zulu herbal mixture: Imbiza ephuzwato. <i>Journal of Ethnopharmacology</i> , 2011, 133, 663-674.	4.1	54
59	Ethnobotany, phytochemistry, toxicology and pharmacological properties of <i>Terminalia sericea</i> Burch. ex DC. (Combretaceae) – A review. <i>Journal of Ethnopharmacology</i> , 2016, 194, 789-802.	4.1	54
60	In vitro encapsulation based short term storage and assessment of genetic homogeneity in regenerated <i>Ansellia africana</i> (Leopard orchid) using gene targeted molecular markers. <i>Plant Cell, Tissue and Organ Culture</i> , 2018, 133, 299-310.	2.3	54
61	Strigolactones and their crosstalk with other phytohormones. <i>Annals of Botany</i> , 2019, 124, 749-767.	2.9	54
62	The Effect of Photoperiod on Levels of Endogenous Cytokinins in <i>Xanthium strumarium</i> . <i>Physiologia Plantarum</i> , 1972, 27, 331-337.	5.2	52
63	Effect of cell disruption methods on the extraction of bioactive metabolites from microalgal biomass. <i>Journal of Biotechnology</i> , 2020, 307, 35-43.	3.8	52
64	Changes in endogenous cytokinin profiles in micropropagated <i>Harpagophytum procumbens</i> in relation to shoot-tip necrosis and cytokinin treatments. <i>Plant Growth Regulation</i> , 2011, 63, 105-114.	3.4	51
65	Plant growth promoting activity of seaweed liquid extracts produced from <i>Macrocystis pyrifera</i> under different pH and temperature conditions. <i>Journal of Applied Phycology</i> , 2014, 26, 2203-2210.	2.8	51
66	In vitro propagation and secondary product production by <i>Merwillia plumbea</i> (Lindl.) Speta. <i>Plant Growth Regulation</i> , 2012, 67, 235-245.	3.4	50
67	Traditional usage, phytochemistry and pharmacology of the South African medicinal plant <i>Boophone disticha</i> (L.f.) Herb. (Amaryllidaceae). <i>Journal of Ethnopharmacology</i> , 2014, 151, 12-26.	4.1	49
68	Seeds and cytokinins. <i>Physiologia Plantarum</i> , 1983, 58, 340-346.	5.2	48
69	Hyaluronidase, phospholipase A2 and protease inhibitory activity of plants used in traditional treatment of snakebite-induced tissue necrosis in Mali, DR Congo and South Africa. <i>Journal of Ethnopharmacology</i> , 2014, 157, 171-180.	4.1	48
70	<i>Securidaca longipedunculata</i> Fresen (Polygalaceae): A review of its ethnomedicinal uses, phytochemistry, pharmacological properties and toxicology. <i>Journal of Ethnopharmacology</i> , 2015, 165, 215-226.	4.1	48
71	Isolation of narciprimine from <i>Cyrtanthus contractus</i> (Amaryllidaceae) and evaluation of its acetylcholinesterase inhibitory activity. <i>Journal of Ethnopharmacology</i> , 2011, 137, 1102-1106.	4.1	47
72	<i>Chromolaena odorata</i> (L.) R.M. King & H. Rob. (Asteraceae) in sub-Saharan Africa: A synthesis and review of its medicinal potential. <i>Journal of Ethnopharmacology</i> , 2016, 183, 112-122.	4.1	47

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73	Germination and seedling growth requirements for propagation of <i>Dioscorea dregeana</i> (Kunth) Dur. and Schinz " A tuberous medicinal plant. <i>South African Journal of Botany</i> , 2007, 73, 131-137.	2.5	46
74	Enhancing growth, phytochemical constituents and aphid resistance capacity in cabbage with foliar application of eckol " a biologically active phenolic molecule from brown seaweed. <i>New Biotechnology</i> , 2016, 33, 273-279.	4.4	46
75	The Identification of Zeatin Glucoside from Coconut Milk. <i>Physiologia Plantarum</i> , 1976, 36, 123-126.	5.2	45
76	Root initiation in <i>Vigna radiata</i> (L.) Wilczek hypocotyl cuttings is stimulated by smoke-derived extracts. <i>Plant Growth Regulation</i> , 1996, 18, 165-168.	3.4	45
77	Pharmacological and phytochemical screening of two Hyacinthaceae species: <i>Scilla natalensis</i> and <i>Ledebouria ovatifolia</i> . <i>Journal of Ethnopharmacology</i> , 2002, 80, 95-101.	4.1	45
78	Unraveling the medicinal potential of South African Aloe species. <i>Journal of Ethnopharmacology</i> , 2014, 153, 19-41.	4.1	45
79	Phytochrome and cytokinin responses. <i>Plant Growth Regulation</i> , 1997, 23, 105-122.	3.4	44
80	IDENTIFICATION OF THE CYTOKININ ISOPENTENYLADENINE IN A STRAIN OF <i>ARTHRONEMA AFRICANUM</i> (CYANOBACTERIA). <i>Journal of Phycology</i> , 1999, 35, 89-92.	2.3	44
81	Seedlings of medicinal plants treated with either a cytokinin antagonist (PI-55) or an inhibitor of cytokinin degradation (INCYDE) are protected against the negative effects of cadmium. <i>Plant Growth Regulation</i> , 2013, 71, 137-145.	3.4	44
82	Rapid in vitro propagation of <i>Aloe barbadensis</i> Mill. <i>Plant Cell, Tissue and Organ Culture</i> , 1991, 26, 167-171.	2.3	43
83	Physiological effects of a novel aromatic cytokinin analogue in micropropagated <i>Aloe arborescens</i> and <i>Harpagophytum procumbens</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2014, 116, 17-26.	2.3	43
84	Anti-inflammatory, antioxidant, anti-cholinesterase activity and mutagenicity of South African medicinal orchids. <i>South African Journal of Botany</i> , 2014, 91, 88-98.	2.5	43
85	Effects of Cd and Al stress on secondary metabolites, antioxidant and antibacterial activity of <i>Hypoxis hemerocallidea</i> Fisch. & C.A. Mey. <i>Plant Physiology and Biochemistry</i> , 2015, 97, 147-155.	5.8	43
86	Antibacterial constituents of the plant family Amaryllidaceae. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 4943-4951.	2.2	43
87	Synthetic strigolactone (rac-GR24) alleviates the adverse effects of heat stress on seed germination and photosystem II function in lupine seedlings. <i>Plant Physiology and Biochemistry</i> , 2020, 155, 965-979.	5.8	43
88	The effects of root decapitation on lateral root formation and cytokinin production in <i>Pisum sativum</i> . <i>Physiologia Plantarum</i> , 1981, 51, 375-379.	5.2	42
89	The role of ethanol and acetaldehyde in flower senescence and fruit ripening " A review. <i>Plant Growth Regulation</i> , 1998, 26, 183-189.	3.4	42
90	The ethnobotany of South African medicinal orchids. <i>South African Journal of Botany</i> , 2011, 77, 2-9.	2.5	42

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91	Antimycobacterial, anti-inflammatory and genotoxicity evaluation of plants used for the treatment of tuberculosis and related symptoms in South Africa. <i>Journal of Ethnopharmacology</i> , 2014, 153, 386-391.	4.1	42
92	Impact of drought and salinity on olive water status and physiological performance in an arid climate. <i>Agricultural Water Management</i> , 2019, 213, 749-759.	5.6	41
93	Cytotoxicity studies of lycorine alkaloids of the Amaryllidaceae. <i>Natural Product Communications</i> , 2014, 9, 1193-210.	0.5	41
94	Cytokinin Activity in <i>Lupinus albus</i> . III. Distribution in Fruits. <i>Physiologia Plantarum</i> , 1978, 43, 87-93.	5.2	40
95	Alkaloids of the South African Amaryllidaceae: A Review. <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.5	39
96	Advances in algal drug research with emphasis on enzyme inhibitors. <i>Biotechnology Advances</i> , 2014, 32, 1364-1381.	11.7	39
97	The effect of seaweed concentrate on the growth of <i>Pinus pinea</i> seedlings. <i>New Forests</i> , 1994, 8, 279-288.	1.7	38
98	Garden-waste-vermicompost leachate alleviates salinity stress in tomato seedlings by mobilizing salt tolerance mechanisms. <i>Plant Growth Regulation</i> , 2013, 71, 41-47.	3.4	38
99	The effect of ethylene, octanoic acid and a plant-derived smoke extract on the germination of light-sensitive lettuce seeds. <i>Plant Growth Regulation</i> , 1996, 19, 197-201.	3.4	37
100	Cryopreservation and plant regeneration from somatic embryos of <i>Pinus patula</i> . <i>Plant Cell Reports</i> , 2000, 19, 610-615.	5.6	37
101	Somatic embryogenesis of <i>Pelargonium sidoides</i> DC.. <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 121, 571-577.	2.3	37
102	Effects of plant growth regulators on drought resistance of two maize cultivars. <i>South African Journal of Botany</i> , 1998, 64, 116-120.	2.5	36
103	Quantitative structure–activity relationship studies on acetylcholinesterase enzyme inhibitory effects of Amaryllidaceae alkaloids. <i>South African Journal of Botany</i> , 2006, 72, 224-231.	2.5	36
104	Lipid productivity and fatty acid composition in <i>Chlorella</i> and <i>Scenedesmus</i> strains grown in nitrogen-stressed conditions. <i>Journal of Applied Phycology</i> , 2013, 25, 233-243.	2.8	36
105	Plant regeneration and biochemical accumulation of hydroxybenzoic and hydroxycinnamic acid derivatives in <i>Hypoxis hemerocallidea</i> organ and callus cultures. <i>Plant Science</i> , 2014, 227, 157-164.	3.6	36
106	Alkaloids from <i>Crinum bulbispermum</i> . <i>Phytochemistry</i> , 1999, 52, 533-536.	2.9	35
107	Seasonal variation in the polyamines of <i>Ecklonia maxima</i> . <i>Botanica Marina</i> , 2012, 55, .	1.2	35
108	Seaweed-Derived Biostimulant (Kelpak®) Influences Endogenous Cytokinins and Bioactive Compounds in Hydroponically Grown <i>Eucomis autumnalis</i> . <i>Journal of Plant Growth Regulation</i> , 2016, 35, 151-162.	5.1	34

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109	Plant-derived smoke solutions stimulate the growth of <i>Lycopersicon esculentum</i> roots in vitro. <i>Plant Growth Regulation</i> , 1998, 26, 77-83.	3.4	33
110	In vitro asymbiotic seed germination and seedling growth of <i>Ansellia africana</i> Lindl.. <i>Scientia Horticulturae</i> , 2010, 123, 496-504.	3.6	33
111	Shoot proliferation and rooting treatments influence secondary metabolite production and antioxidant activity in tissue culture-derived <i>Aloe arborescens</i> grown ex vitro. <i>Plant Growth Regulation</i> , 2013, 70, 115-122.	3.4	33
112	Antimicrobial, Anthelmintic Activities and Characterisation of Functional Phenolic Acids of <i>Achyranthes aspera</i> Linn.: A Medicinal Plant Used for the Treatment of Wounds and Ringworm in East Africa. <i>Frontiers in Pharmacology</i> , 2015, 6, 274.	3.5	33
113	Cytotoxic agents of the crinane series of amaryllidaceae alkaloids. <i>Natural Product Communications</i> , 2012, 7, 1677-88.	0.5	33
114	Seasonal Changes in the Cytokinin Content of the Leaves of <i>Salix babylonica</i> . <i>Physiologia Plantarum</i> , 1977, 40, 296-299.	5.2	32
115	Effect of seaweed concentrate on yield of nutrient-stressed tepary bean (<i>Phaseolus acutifolius</i> gray). <i>Journal of Applied Phycology</i> , 1994, 6, 429-430.	2.8	32
116	Cytokinin-and auxin-like activity of a butenolide isolated from plant-derived smoke. <i>South African Journal of Botany</i> , 2008, 74, 327-331.	2.5	32
117	The effect of medium, carbon source and explant on regeneration and control of shoot-tip necrosis in <i>Harpagophytum procumbens</i> . <i>South African Journal of Botany</i> , 2009, 75, 117-121.	2.5	32
118	Stimulatory role of smoke-water and karrikinolide on the photosynthetic pigment and phenolic contents of micropropagated Williams™ bananas. <i>Plant Growth Regulation</i> , 2012, 67, 271-279.	3.4	32
119	Natural product remedies for COVID-19: A focus on safety. <i>South African Journal of Botany</i> , 2021, 139, 386-398.	2.5	32
120	Cytotoxicity Studies of Lycorine Alkaloids of the Amaryllidaceae. <i>Natural Product Communications</i> , 2014, 9, 1934578X1400900.	0.5	31
121	Physiological and phytochemical responses of three nutrient-stressed bulbous plants subjected to vermicompost leachate treatment. <i>Acta Physiologiae Plantarum</i> , 2014, 36, 721-731.	2.1	31
122	Embryogenesis and synthetic seed production in <i>Mondia whitei</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 121, 205-214.	2.3	31
123	A review of ethnobotanical research in southern Africa. <i>South African Journal of Botany</i> , 2002, 68, 1-13.	2.5	30
124	How does exogenously applied cytokinin type affect growth and endogenous cytokinins in micropropagated <i>Merwillia plumbea</i> ?. <i>Plant Cell, Tissue and Organ Culture</i> , 2014, 118, 245-256.	2.3	30
125	<i>Ansellia africana</i> (Leopard orchid): A medicinal orchid species with untapped reserves of important biomolecules – A mini review. <i>South African Journal of Botany</i> , 2016, 106, 181-185.	2.5	30
126	The effects of decapitation on the distribution of cytokinins and growth of <i>Phaseolus vulgaris</i> plants. <i>Physiologia Plantarum</i> , 1982, 55, 39-44.	5.2	29

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127	Cytokinins in cut carnation flowers. II. Relationship between endogenous ethylene and cytokinin levels in the petals. <i>Plant Growth Regulation</i> , 1987, 5, 75-86.	3.4	29
128	Molecular aspects of the antagonistic interaction of smoke-derived butenolides on the germination process of <i>Glandorp</i> and <i>Rapids</i> lettuce (<i>Lactuca sativa</i>) achenes. <i>New Phytologist</i> , 2012, 196, 1060-1073.	7.3	29
129	Growth stimulation effects of smoke-water and vermicompost leachate on greenhouse grown-tissue-cultured "Williams" bananas. <i>Plant Growth Regulation</i> , 2012, 66, 111-118.	3.4	29
130	Eckol Improves Growth, Enzyme Activities, and Secondary Metabolite Content in Maize (<i>Zea mays</i> cv.) Tj ETQq0 0 0 rgBT /Overlock 10 T	5.1	29
131	Phenolic profiles, antioxidant capacity, and acetylcholinesterase inhibitory activity of eight South African seaweeds. <i>Journal of Applied Phycology</i> , 2015, 27, 1599-1605.	2.8	29
132	Interactive effects of plant growth-promoting rhizobacteria and a seaweed extract on the growth and physiology of <i>Allium cepa</i> L. (onion). <i>Journal of Plant Physiology</i> , 2021, 262, 153437.	3.5	29
133	Smoke Solutions and Temperature Influence the Germination and Seedling Growth of South African Mesic Grassland Species. <i>Rangeland Ecology and Management</i> , 2009, 62, 572-578.	2.3	28
134	Effects of temperature, light, nutrients and smoke-water on seed germination and seedling growth of <i>Astragalus membranaceus</i> , <i>Panax notoginseng</i> and <i>Magnolia officinalis</i> " Highly traded Chinese medicinal plants. <i>South African Journal of Botany</i> , 2012, 79, 62-70.	2.5	28
135	In vitro propagation, proscillaridin A production and antibacterial activity in <i>Drimys robusta</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2013, 114, 259-267.	2.3	28
136	Cytokinin activity in <i>Lupinus albus</i> . V. Translocation and metabolism of $[8-14C]$ zeatin applied to the xylem of fruiting plants. <i>Physiologia Plantarum</i> , 1981, 51, 45-48.	5.2	27
137	Pharmacological potential and conservation prospect of the genus <i>Eucomis</i> (Hyacinthaceae) endemic to southern Africa. <i>Journal of Ethnopharmacology</i> , 2014, 151, 44-53.	4.1	27
138	Changes in phytochemical content and pharmacological activities of three <i>Chlorella</i> strains grown in different nitrogen conditions. <i>Journal of Applied Phycology</i> , 2016, 28, 149-159.	2.8	27
139	Preparation and Standardisation of Smoke-Water for Seed Germination and Plant Growth Stimulation. <i>Journal of Plant Growth Regulation</i> , 2020, 39, 338-345.	5.1	27
140	Pollination of seven <i>Plectranthus</i> spp. (Lamiaceae) in southern Natal, South Africa. <i>Plant Systematics and Evolution</i> , 1999, 218, 99-112.	0.9	26
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