

# Jacobus N Eloff

## List of Publications by Citations

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242  
papers

8,073  
citations

42  
h-index

81  
g-index

266  
ext. papers

9,198  
ext. citations

3.2  
avg, IF

6.55  
L-index

#	Paper	IF	Citations
242	A sensitive and quick microplate method to determine the minimal inhibitory concentration of plant extracts for bacteria. <i>Planta Medica</i> , <b>1998</b> , 64, 711-3	3.1	1316
241	Which extractant should be used for the screening and isolation of antimicrobial components from plants?. <i>Journal of Ethnopharmacology</i> , <b>1998</b> , 60, 1-8	5	532
240	Naming of cyclic heptapeptide toxins of cyanobacteria (blue-green algae). <i>Toxicon</i> , <b>1988</b> , 26, 971-3	2.8	312
239	Biological activity of five antibacterial flavonoids from <i>Combretum erythrophyllum</i> (Combretaceae). <i>Journal of Ethnopharmacology</i> , <b>2004</b> , 93, 207-12	5	178
238	Effect of temperature and light on the toxicity and growth of the blue-green alga <i>Microcystis aeruginosa</i> (UV-006). <i>Planta</i> , <b>1985</b> , 163, 55-9	4.7	164
237	Quantification the bioactivity of plant extracts during screening and bioassay guided fractionation. <i>Phytomedicine</i> , <b>2004</b> , 11, 370-1	6.5	160
236	Antifungal activities of six South African <i>Terminalia</i> species (Combretaceae). <i>Journal of Ethnopharmacology</i> , <b>2005</b> , 99, 301-8	5	136
235	The biological activity and chemistry of the southern African Combretaceae. <i>Journal of Ethnopharmacology</i> , <b>2008</b> , 119, 686-99	5	126
234	An investigation on the biological activity of <i>Combretum</i> species. <i>Journal of Ethnopharmacology</i> , <b>2001</b> , 75, 45-50	5	116
233	Ethnoveterinary use of southern African plants and scientific evaluation of their medicinal properties. <i>Journal of Ethnopharmacology</i> , <b>2008</b> , 119, 559-74	5	112
232	The potential of South African plants against <i>Mycobacterium</i> infections. <i>Journal of Ethnopharmacology</i> , <b>2008</b> , 119, 482-500	5	107
231	The antifungal activity of twenty-four southern African <i>Combretum</i> species (Combretaceae). <i>South African Journal of Botany</i> , <b>2007</b> , 73, 173-183	2.9	106
230	The antibacterial activity of extracts of nine plant species with good activity against <i>Escherichia coli</i> against five other bacteria and cytotoxicity of extracts. <i>BMC Complementary and Alternative Medicine</i> , <b>2017</b> , 17, 133	4.7	99
229	The value of plant extracts with antioxidant activity in attenuating coccidiosis in broiler chickens. <i>Veterinary Parasitology</i> , <b>2008</b> , 153, 214-9	2.8	99
228	Yeast alpha glucosidase inhibitory and antioxidant activities of six medicinal plants collected in Phalaborwa, South Africa. <i>South African Journal of Botany</i> , <b>2010</b> , 76, 465-470	2.9	98
227	Anti-inflammatory, anticholinesterase and antioxidant activity of leaf extracts of twelve plants used traditionally to alleviate pain and inflammation in South Africa. <i>Journal of Ethnopharmacology</i> , <b>2015</b> , 160, 194-201	5	97
226	Four pentacyclic triterpenoids with antifungal and antibacterial activity from <i>Curtisia dentata</i> (Burm.f) C.A. Sm. leaves. <i>Journal of Ethnopharmacology</i> , <b>2008</b> , 119, 238-44	5	93

225	Extraction of antibacterial compounds from <i>Combretum microphyllum</i> (Combretaceae). <i>South African Journal of Botany</i> , <b>2002</b> , 68, 62-67	2.9	92
224	Antibacterial activity of <i>Marula</i> ( <i>Sclerocarya birrea</i> (A. rich.) Hochst. subsp. <i>caffra</i> (Sond.) Kokwaro) (Anacardiaceae) bark and leaves. <i>Journal of Ethnopharmacology</i> , <b>2001</b> , 76, 305-8	5	89
223	In vitro anthelmintic, antibacterial and cytotoxic effects of extracts from plants used in South African ethnoveterinary medicine. <i>Veterinary Journal</i> , <b>2007</b> , 173, 366-72	2.5	82
222	In vitro activity of <i>Peltophorum africanum</i> Sond. (Fabaceae) extracts on the egg hatching and larval development of the parasitic nematode <i>Trichostrongylus colubriformis</i> . <i>Veterinary Parasitology</i> , <b>2006</b> , 142, 336-43	2.8	81
221	Evaluation of <i>Athrixia</i> bush tea for cytotoxicity, antioxidant activity, caffeine content and presence of pyrrolizidine alkaloids. <i>Journal of Ethnopharmacology</i> , <b>2007</b> , 110, 16-22	5	71
220	The anti-inflammatory and antioxidant activity of 25 plant species used traditionally to treat pain in southern African. <i>BMC Complementary and Alternative Medicine</i> , <b>2015</b> , 15, 159	4.7	70
219	Antibacterial and antioxidant activities of four kaempferol methyl ethers isolated from <i>Dodonaea viscosa</i> Jacq. var. <i>angustifolia</i> leaf extracts. <i>South African Journal of Botany</i> , <b>2010</b> , 76, 25-29	2.9	70
218	The preliminary isolation of several antibacterial compounds from <i>Combretum erythrophyllum</i> (Combretaceae). <i>Journal of Ethnopharmacology</i> , <b>1998</b> , 62, 255-63	5	68
217	Antibacterial and antioxidant activity of <i>Sutherlandia frutescens</i> (Fabaceae), a reputed anti-HIV/AIDS phytomedicine. <i>Phytotherapy Research</i> , <b>2005</b> , 19, 779-81	6.7	68
216	THE USE OF PLANTS TO PROTECT PLANTS AND FOOD AGAINST FUNGAL PATHOGENS: A REVIEW. <i>Tropical Journal of Obstetrics and Gynaecology</i> , <b>2017</b> , 14, 120-127	0.3	67
215	The antimicrobial, antioxidative, anti-inflammatory activity and cytotoxicity of different fractions of four South African <i>Bauhinia</i> species used traditionally to treat diarrhoea. <i>Journal of Ethnopharmacology</i> , <b>2012</b> , 143, 826-39	5	58
214	Antibacterial and antibiofilm activity of acetone leaf extracts of nine under-investigated south African <i>Eugenia</i> and <i>Syzygium</i> (Myrtaceae) species and their selectivity indices. <i>BMC Complementary and Alternative Medicine</i> , <b>2019</b> , 19, 141	4.7	53
213	Evaluation of the inhibition of carbohydrate hydrolysing enzymes, antioxidant activity and polyphenolic content of extracts of ten African <i>Ficus</i> species (Moraceae) used traditionally to treat diabetes. <i>BMC Complementary and Alternative Medicine</i> , <b>2013</b> , 13, 94	4.7	52
212	In-vitro anthelmintic activity of crude aqueous extracts of <i>Aloe ferox</i> , <i>Leonotis leonurus</i> and <i>Elephantorrhiza elephantina</i> against <i>Haemonchus contortus</i> . <i>Tropical Animal Health and Production</i> , <b>2010</b> , 42, 301-7	1.7	51
211	Plant extracts to control ticks of veterinary and medical importance: A review. <i>South African Journal of Botany</i> , <b>2016</b> , 105, 178-193	2.9	51
210	Avoiding pitfalls in determining antimicrobial activity of plant extracts and publishing the results. <i>BMC Complementary and Alternative Medicine</i> , <b>2019</b> , 19, 106	4.7	49
209	It is possible to use herbarium specimens to screen for antibacterial components in some plants. <i>Journal of Ethnopharmacology</i> , <b>1999</b> , 67, 355-60	5	49
208	Antimicrobial activity and cytotoxicity of the ethanol extract, fractions and eight compounds isolated from <i>Eriosema robustum</i> (Fabaceae). <i>BMC Complementary and Alternative Medicine</i> , <b>2013</b> , 13, 289	4.7	48

207	Antifungal activity of leaf extracts from South African trees against plant pathogens. <i>Crop Protection</i> , <b>2010</b> , 29, 1529-1533	2.7	48
206	Antifungal and antibacterial activity of seven traditionally used South African plant species active against <i>Candida albicans</i> . <i>South African Journal of Botany</i> , <b>2008</b> , 74, 677-684	2.9	48
205	Purified compounds and extracts from <i>Euclea</i> species with antimycobacterial activity against <i>Mycobacterium bovis</i> and fast-growing mycobacteria. <i>Biological and Pharmaceutical Bulletin</i> , <b>2008</b> , 31, 1429-33	2.3	48
204	The anti-arthritic, anti-inflammatory, antioxidant activity and relationships with total phenolics and total flavonoids of nine South African plants used traditionally to treat arthritis. <i>BMC Complementary and Alternative Medicine</i> , <b>2016</b> , 16, 307	4.7	48
203	The activity of extracts of seven common invasive plant species on fungal phytopathogens. <i>South African Journal of Botany</i> , <b>2009</b> , 75, 375-379	2.9	44
202	In vitro anthelmintic activity of <i>Combretum molle</i> (R. Br. ex G. Don) (Combretaceae) against <i>Haemonchus contortus</i> ova and larvae. <i>Veterinary Parasitology</i> , <b>2010</b> , 169, 198-203	2.8	43
201	Evaluation of the antibacterial and anticancer activities of some South African medicinal plants. <i>BMC Complementary and Alternative Medicine</i> , <b>2011</b> , 11, 14	4.7	42
200	Extraction of antibacterial compounds from <i>Combretum microphyllum</i> (Combretaceae). <i>South African Journal of Botany</i> , <b>2002</b> , 68, 62-67	2.9	42
199	Biological activity of two related triterpenes isolated from <i>Combretum nelsonii</i> (Combretaceae) leaves. <i>Natural Product Research</i> , <b>2008</b> , 22, 1074-84	2.3	41
198	Cytotoxicity, antioxidant and antibacterial activity of four compounds produced by an endophytic fungus <i>Epicoccum nigrum</i> associated with <i>Entada abyssinica</i> . <i>Revista Brasileira De Farmacognosia</i> , <b>2017</b> , 27, 251-253	2	40
197	Efficacy and toxicity of thirteen plant leaf acetone extracts used in ethnoveterinary medicine in South Africa on egg hatching and larval development of <i>Haemonchus contortus</i> . <i>BMC Veterinary Research</i> , <b>2013</b> , 9, 38	2.7	40
196	South African medicinal plant extracts active against influenza A virus. <i>BMC Complementary and Alternative Medicine</i> , <b>2018</b> , 18, 112	4.7	39
195	A simplified but effective method for the quality control of medicinal plants by planar chromatography. <i>Tropical Journal of Obstetrics and Gynaecology</i> , <b>2011</b> , 8, 1-12	0.3	39
194	The correlation between antimutagenic activity and total phenolic content of extracts of 31 plant species with high antioxidant activity. <i>BMC Complementary and Alternative Medicine</i> , <b>2016</b> , 16, 490	4.7	39
193	The traditional use of plants to manage candidiasis and related infections in Venda, South Africa. <i>Journal of Ethnopharmacology</i> , <b>2015</b> , 168, 364-72	5	37
192	In vitro anti-tick properties of the essential oil of <i>Tagetes minuta</i> L. (Asteraceae) on <i>Hyalomma rufipes</i> (Acari: Ixodidae). <i>Onderstepoort Journal of Veterinary Research</i> , <b>2012</b> , 79, E1-5	1.9	37
191	Antimicrobial and anti-inflammatory activity of four known and one new triterpenoid from <i>Combretum imberbe</i> (Combretaceae). <i>Journal of Ethnopharmacology</i> , <b>2007</b> , 110, 56-60	5	36
190	The ultrastructure and development of the colonial sheath of <i>Microcystis marginata</i> . <i>Archives of Microbiology</i> , <b>1975</b> , 106, 209-14	3	36

189	The antibacterial activity, antioxidant activity and selectivity index of leaf extracts of thirteen South African tree species used in ethnoveterinary medicine to treat helminth infections. <i>BMC Veterinary Research</i> , <b>2014</b> , 10, 52	2.7	35
188	Antimicrobial activity and cytotoxicity of triterpenes isolated from leaves of <i>Maytenus undata</i> (Celastraceae). <i>BMC Complementary and Alternative Medicine</i> , <b>2013</b> , 13, 111	4.7	35
187	Extracts of <i>Calpurnia aurea</i> leaves from southern Ethiopia attract and immobilise or kill ticks. <i>Veterinary Parasitology</i> , <b>2010</b> , 168, 160-4	2.8	34
186	In vitro antibacterial, antioxidant and cytotoxic activity of acetone leaf extracts of nine under-investigated Fabaceae tree species leads to potentially useful extracts in animal health and productivity. <i>BMC Complementary and Alternative Medicine</i> , <b>2014</b> , 14, 147	4.7	32
185	Which tree orders in southern Africa have the highest antimicrobial activity and selectivity against bacterial and fungal pathogens of animals?. <i>BMC Complementary and Alternative Medicine</i> , <b>2014</b> , 14, 317-47	4.7	31
184	Isolation of Esarone, an antibacterial and anthelmintic compound, from <i>Acorus calamus</i> in South Africa. <i>South African Journal of Botany</i> , <b>2002</b> , 68, 31-35	2.9	31
183	In vitro bioassays used in evaluating plant extracts for tick repellent and acaricidal properties: A critical review. <i>Veterinary Parasitology</i> , <b>2018</b> , 254, 160-171	2.8	30
182	The antiviral activity of six South African plants traditionally used against infections in ethnoveterinary medicine. <i>Veterinary Microbiology</i> , <b>2012</b> , 155, 198-206	3.3	30
181	Resistance of animal fungal pathogens to solvents used in bioassays. <i>South African Journal of Botany</i> , <b>2007</b> , 73, 667-669	2.9	30
180	Antimicrobial activity, toxicity and selectivity index of two biflavonoids and a flavone isolated from <i>Podocarpus henkelii</i> (Podocarpaceae) leaves. <i>BMC Complementary and Alternative Medicine</i> , <b>2014</b> , 14, 383	4.7	29
179	Comparative study of the essential oil composition and antimicrobial activity of <i>Leonotis leonurus</i> and <i>L. ocyimifolia</i> in the Eastern Cape, South Africa. <i>South African Journal of Botany</i> , <b>2005</b> , 71, 114-116	2.9	29
178	Isolation of antioxidant constituents from <i>Combretum apiculatum</i> subsp. <i>apiculatum</i> . <i>South African Journal of Botany</i> , <b>2012</b> , 79, 125-131	2.9	28
177	Extracts of the leaves and twigs of the threatened tree <i>Curtisia dentata</i> (Cornaceae) are more active against <i>Candida albicans</i> and other microorganisms than the stem bark extract. <i>South African Journal of Botany</i> , <b>2009</b> , 75, 363-366	2.9	28
176	Pesticidal plants as a possible alternative to synthetic acaricides in tick control: A systematic review and meta-analysis. <i>Industrial Crops and Products</i> , <b>2018</b> , 123, 779-806	5.9	27
175	Evaluation of several tree species for activity against the animal fungal pathogen <i>Aspergillus fumigatus</i> . <i>South African Journal of Botany</i> , <b>2010</b> , 76, 64-71	2.9	27
174	Screening of twenty-four South African <i>Combretum</i> and six <i>Terminalia</i> species (Combretaceae) for antioxidant activities. <i>Tropical Journal of Obstetrics and Gynaecology</i> , <b>2006</b> , 4, 231-9	0.3	27
173	Antimicrobial and antioxidant activities of extracts and ten compounds from three Cameroonian medicinal plants: <i>Dissotis perkinsiae</i> (Melastomaceae), <i>Adenocarpus mannii</i> (Fabaceae) and <i>Barteria fistulosa</i> (Passifloraceae). <i>South African Journal of Botany</i> , <b>2014</b> , 91, 37-42	2.9	26
172	Anti-bacterial and anti-oxidant activity of <i>Hypoxis hemerocallidea</i> (Hypoxidaceae): Can leaves be substituted for corms as a conservation strategy?. <i>South African Journal of Botany</i> , <b>2008</b> , 74, 613-616	2.9	26

171	Anti-inflammatory and anticholinesterase activity of six flavonoids isolated from Polygonum and Dorstenia species. <i>Archives of Pharmacal Research</i> , <b>2017</b> , 40, 1129-1134	6.1	24
170	Antibacterial activities of the methanol extracts, fractions and compounds from Fagara tessmannii. <i>Journal of Ethnopharmacology</i> , <b>2015</b> , 169, 275-9	5	24
169	Evaluation of pharmacological activities, cytotoxicity and phenolic composition of four Maytenus species used in southern African traditional medicine to treat intestinal infections and diarrhoeal diseases. <i>BMC Complementary and Alternative Medicine</i> , <b>2013</b> , 13, 100	4.7	24
168	Anthelmintic activity of acetone extract and fractions of Vernonia amygdalina against Haemonchus contortus eggs and larvae. <i>Tropical Animal Health and Production</i> , <b>2011</b> , 43, 521-7	1.7	24
167	Cytotoxicity of African Medicinal Plants Against Normal Animal and Human Cells <b>2014</b> , 181-233		23
166	Antibacterial activity of two biflavonoids from Garcinia livingstonei leaves against Mycobacterium smegmatis. <i>Journal of Ethnopharmacology</i> , <b>2011</b> , 138, 253-5	5	23
165	Isolation of Esarone, an antibacterial and anthelmintic compound, from Acorus calamus in South Africa. <i>South African Journal of Botany</i> , <b>2002</b> , 68, 31-35	2.9	23
164	Cytotoxicity, antimicrobial and antioxidant activity of eight compounds isolated from Entada abyssinica (Fabaceae). <i>BMC Research Notes</i> , <b>2017</b> , 10, 118	2.3	22
163	Anti-inflammatory activity of benzophenone and xanthone derivatives isolated from Garcinia (Clusiaceae) species. <i>Phytochemistry Letters</i> , <b>2015</b> , 14, 153-158	1.9	22
162	The variation in antimicrobial and antioxidant activities of acetone leaf extracts of 12 Moringa oleifera (Moringaceae) trees enables the selection of trees with additional uses. <i>South African Journal of Botany</i> , <b>2014</b> , 92, 59-64	2.9	22
161	The 15-lipoxygenase inhibitory, antioxidant, antimycobacterial activity and cytotoxicity of fourteen ethnomedicinally used African spices and culinary herbs. <i>Journal of Ethnopharmacology</i> , <b>2014</b> , 156, 1-8	5	22
160	Some southern African plant species used to treat helminth infections in ethnoveterinary medicine have excellent antifungal activities. <i>BMC Complementary and Alternative Medicine</i> , <b>2012</b> , 12, 213	4.7	22
159	Identification of anti-babesial activity for four ethnoveterinary plants in vitro. <i>Veterinary Parasitology</i> , <b>2005</b> , 130, 9-13	2.8	22
158	THE EFFECT OF TEMPERATURE ON SPECIFIC GROWTH RATE AND ACTIVATION ENERGY OF MICROCYSTIS AND SYNECHOCOCCUS ISOLATES RELEVANT TO THE ONSET OF NATURAL BLOOMS. <i>Journal of the Limnological Society of Southern Africa</i> , <b>1978</b> , 4, 9-20		22
157	Some South African Rubiaceae Tree Leaf Extracts Have Antimycobacterial Activity Against Pathogenic and Non-pathogenic Mycobacterium Species. <i>Phytotherapy Research</i> , <b>2015</b> , 29, 1004-10	6.7	21
156	Some Strychnos spinosa (Loganiaceae) leaf extracts and fractions have good antimicrobial activities and low cytotoxicities. <i>BMC Complementary and Alternative Medicine</i> , <b>2014</b> , 14, 456	4.7	21
155	The Isolation of hypoglycin A and related compounds from Billia hippocastanum. <i>Phytochemistry</i> , <b>1970</b> , 9, 2423-2424	4	21
154	Antimycobacterial activity against different pathogens and selectivity index of fourteen medicinal plants used in southern Africa to treat tuberculosis and respiratory ailments. <i>South African Journal of Botany</i> , <b>2016</b> , 102, 70-74	2.9	20

153	Global Adoption of Genetically Modified (GM) Crops: Challenges for the Public Sector. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 394-402	5.7	20
152	Antibacterial activity of crude extracts of some South African medicinal plants against multidrug resistant etiological agents of diarrhoea. <i>BMC Complementary and Alternative Medicine</i> , <b>2017</b> , 17, 321	4.7	20
151	Screening of 16 poisonous plants for antibacterial, anthelmintic and cytotoxic activity in vitro. <i>South African Journal of Botany</i> , <b>2005</b> , 71, 302-306	2.9	20
150	In vitro cytotoxicity and genotoxicity of five Ochna species (Ochnaceae) with excellent antibacterial activity. <i>South African Journal of Botany</i> , <b>2014</b> , 91, 9-13	2.9	19
149	Acetylcholinesterase inhibitory effects of the bulb of <i>Ammocharis coranica</i> (Amaryllidaceae) and its active constituent lycorine. <i>South African Journal of Botany</i> , <b>2013</b> , 85, 44-47	2.9	19
148	Evaluation of the antioxidant, antibacterial, and antiproliferative activities of the acetone extract of the roots of <i>Senna italica</i> (Fabaceae). <i>Tropical Journal of Obstetrics and Gynaecology</i> , <b>2009</b> , 7, 138-48	0.3	19
147	The anti-inflammatory and antibacterial activities of Amaryllidaceae alkaloids. <i>South African Journal of Botany</i> , <b>2003</b> , 69, 448-449	2.9	19
146	Rationale for using <i>Peltophorum africanum</i> (Fabaceae) extracts in veterinary medicine. <i>Journal of the South African Veterinary Association</i> , <b>2005</b> , 76, 54-8	0.8	19
145	ANTIOXIDANT AND ANTIFUNGAL ACTIVITY OF SELECTED MEDICINAL PLANT EXTRACTS AGAINST PHYTOPATHOGENIC FUNGI. <i>Tropical Journal of Obstetrics and Gynaecology</i> , <b>2016</b> , 13, 216-222	0.3	19
144	Extracts of six Rubiaceae species combined with rifampicin have good in vitro synergistic antimycobacterial activity and good anti-inflammatory and antioxidant activities. <i>BMC Complementary and Alternative Medicine</i> , <b>2016</b> , 16, 385	4.7	19
143	In vitro inhibition of <i>Plasmodium falciparum</i> early and late stage gametocyte viability by extracts from eight traditionally used South African plant species. <i>Journal of Ethnopharmacology</i> , <b>2016</b> , 185, 235-42	5.2	17
142	Polarity of extracts and fractions of four <i>Combretum</i> (Combretaceae) species used to treat infections and gastrointestinal disorders in southern African traditional medicine has a major effect on different relevant in vitro activities. <i>Journal of Ethnopharmacology</i> , <b>2014</b> , 154, 339-50	5	17
141	Two new antioxidant flavones from the twigs of <i>Eriosema robustum</i> (Fabaceae). <i>Phytochemistry Letters</i> , <b>2013</b> , 6, 62-66	1.9	17
140	Isolation of seselin from <i>Clausena anisata</i> (Rutaceae) leaves and its effects on the feeding and development of <i>Lucilia cuprina</i> larvae may explain its use in ethnoveterinary medicine. <i>Journal of Ethnopharmacology</i> , <b>2013</b> , 150, 886-91	5	17
139	The efficacy and safety of nine South African medicinal plants in controlling <i>Bacillus anthracis</i> Sterne vaccine strain. <i>BMC Complementary and Alternative Medicine</i> , <b>2016</b> , 16, 5	4.7	17
138	Anthelmintic and cytotoxic activities of extracts of <i>Markhamia obtusifolia</i> Sprague (Bignoniaceae). <i>Veterinary Parasitology</i> , <b>2011</b> , 183, 184-8	2.8	17
137	The use of a semiochemical bait to enhance exposure of <i>Amblyomma variegatum</i> (Acari: Ixodidae) to <i>Metarhizium anisopliae</i> (Ascomycota: Hypocreales). <i>Veterinary Parasitology</i> , <b>2009</b> , 160, 279-84	2.8	17
136	<i>Curtisia dentata</i> (Cornaceae) leaf extracts and isolated compounds inhibit motility of parasitic and free-living nematodes. <i>Onderstepoort Journal of Veterinary Research</i> , <b>2009</b> , 76, 249-56	1.9	17

135	In vitro investigation of the toxic effects of extracts of <i>Allium sativum</i> bulbs on adults of <i>Hyalomma marginatum rufipes</i> and <i>Rhipicephalus pulchellus</i> . <i>Journal of the South African Veterinary Association</i> , <b>2005</b> , 76, 99-103	0.8	17
134	Antimicrobial activity of <i>Eriocephalus</i> L. species. <i>South African Journal of Botany</i> , <b>2005</b> , 71, 81-87	2.9	17
133	Anti-inflammatory and acetylcholinesterase activity of extract, fractions and five compounds isolated from the leaves and twigs of <i>Artemisia annua</i> growing in Cameroon. <i>SpringerPlus</i> , <b>2016</b> , 5, 1525		17
132	Larvicidal activity of leaf extracts and seselin from <i>Clausena anisata</i> (Rutaceae) against <i>Aedes aegypti</i> . <i>South African Journal of Botany</i> , <b>2015</b> , 100, 169-173	2.9	16
131	Isolation and characterization of the compounds responsible for the antimutagenic activity of <i>Combretum microphyllum</i> (Combretaceae) leaf extracts. <i>BMC Complementary and Alternative Medicine</i> , <b>2017</b> , 17, 446	4.7	16
130	Solvent-solvent fractionation can increase the antifungal activity of a <i>Melianthus comosus</i> (Melianthaceae) acetone leaf extract to yield a potentially useful commercial antifungal product. <i>Industrial Crops and Products</i> , <b>2017</b> , 110, 103-112	5.9	16
129	Antifungal activity and cytotoxicity of isolated compounds from leaves of <i>Breonadia salicina</i> . <i>Journal of Ethnopharmacology</i> , <b>2013</b> , 148, 909-13	5	16
128	Potency and selectivity indices of acetone leaf extracts of nine selected South African trees against six opportunistic Enterobacteriaceae isolates from commercial chicken eggs. <i>BMC Complementary and Alternative Medicine</i> , <b>2017</b> , 17, 90	4.7	15
127	Cytotoxicity, nitric oxide and acetylcholinesterase inhibitory activity of three limonoids isolated from <i>Trichilia welwitschii</i> (Meliaceae). <i>Biological Research</i> , <b>2015</b> , 48, 57	7.6	15
126	Evaluation of plant species used traditionally to treat myiasis for activity on the survival and development of <i>Lucilia cuprina</i> and <i>Chrysomya marginalis</i> (Diptera: Calliphoridae). <i>Veterinary Parasitology</i> , <b>2012</b> , 190, 566-72	2.8	15
125	Isolation and Chemical Structural Characterisation of a Compound with Antioxidant Activity from the Roots of <i>Senna italica</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2013</b> , 2013, 519174	2.3	15
124	Antibacterial and antioxidant xanthenes and benzophenone from <i>garcinia smeathmannii</i> . <i>Planta Medica</i> , <b>2015</b> , 81, 594-9	3.1	14
123	The potential use of leaf extracts of two <i>Newtonia</i> (Fabaceae) species to treat diarrhoea. <i>South African Journal of Botany</i> , <b>2018</b> , 116, 25-33	2.9	14
122	Can MTT be used to quantify the antioxidant activity of plant extracts?. <i>Phytomedicine</i> , <b>2009</b> , 16, 665-8	6.5	14
121	Extraction of polyphenols and hydrolysis of birdproof sorghum starch. <i>Journal of the Science of Food and Agriculture</i> , <b>1985</b> , 36, 1140-1144	4.3	14
120	Experiments on the fluoroacetate metabolism of <i>Dichapetalum cymosum</i> (Gifblaar). <i>Phytochemistry</i> , <b>1971</b> , 10, 1409-1415	4	14
119	Antidiabetic activity of the ethyl acetate fraction of <i>Ficus lutea</i> (Moraceae) leaf extract: comparison of an in vitro assay with an in vivo obese mouse model. <i>BMC Complementary and Alternative Medicine</i> , <b>2016</b> , 16, 110	4.7	14
118	Inhibition of Nitric Oxide Production in LPS-Stimulated RAW 264.7 Macrophages and 15-LOX Activity by Anthraquinones from <i>Pentas schimperi</i> . <i>Planta Medica</i> , <b>2016</b> , 82, 1246-51	3.1	14



117	Cytotoxic, antimicrobial, antioxidant, antilipoxygenase activities and phenolic composition of Ozoroa and Searsia species (Anacardiaceae) used in South African traditional medicine for treating diarrhoea. <i>South African Journal of Botany</i> , <b>2014</b> , 95, 9-18	2.9	13
116	The potential role of GLUT4 transporters and insulin receptors in the hypoglycaemic activity of Ficus lutea acetone leaf extract. <i>BMC Complementary and Alternative Medicine</i> , <b>2014</b> , 14, 269	4.7	13
115	Tannin content of leaf extracts of 53 trees used traditionally to treat diarrhoea is an important criterion in selecting species for further work. <i>South African Journal of Botany</i> , <b>2014</b> , 90, 114-117	2.9	13
114	Antifungal and antibacterial activity and chemical composition of polar and non-polar extracts of Athrixia phylloides determined using bioautography and HPLC. <i>BMC Complementary and Alternative Medicine</i> , <b>2013</b> , 13, 356	4.7	13
113	Anti-bacterial and anti-oxidant activities of leaf extracts of Combretum vendae (Combretaceae) and the isolation of an anti-bacterial compound. <i>Tropical Journal of Obstetrics and Gynaecology</i> , <b>2014</b> , 11, 73-7	0.3	13
112	Biochemical Parameters in Toxicological Studies in Africa <b>2014</b> , 659-715		13
111	Attraction response of adult Rhipicephalus appendiculatus and Rhipicephalus pulchellus (Acari: Ixodidae) ticks to extracts from Calpurnia aurea (Fabaceae). <i>Veterinary Parasitology</i> , <b>2010</b> , 174, 124-30	2.8	13
110	Lack of bioavailability of mebeverine even after pretreatment with pyridostigmine. <i>European Journal of Clinical Pharmacology</i> , <b>1997</b> , 53, 247-9	2.8	13
109	Growth inhibition of plant pathogenic fungi by extracts of Allium sativum and Tulbaghia violacea. <i>South African Journal of Botany</i> , <b>2004</b> , 70, 671-673	2.9	13
108	The presence of antibacterial compounds in Anthocleista grandiflora (Loganiaceae). <i>South African Journal of Botany</i> , <b>1998</b> , 64, 209-212	2.9	13
107	Antioxidant Activity of Solanum aculeastrum (Solanaceae) berries. <i>International Journal of Pharmacology</i> , <b>2006</b> , 2, 262-264	0.7	13
106	Antibacterial activity and mode of action of acetone crude leaf extracts of under-investigated Syzygium and Eugenia (Myrtaceae) species on multidrug resistant porcine diarrhoeagenic Escherichia coli. <i>BMC Veterinary Research</i> , <b>2019</b> , 15, 162	2.7	12
105	Extracts of four plant species used traditionally to treat myiasis influence pupation rate, pupal mass and adult blowfly emergence of Lucilia cuprina and Chrysomya marginalis (Diptera: Calliphoridae). <i>Journal of Ethnopharmacology</i> , <b>2012</b> , 143, 812-8	5	12
104	Anthelmintic activity of acetone extracts from South African plants used on egg hatching of Haemonchus contortus. <i>Onderstepoort Journal of Veterinary Research</i> , <b>2016</b> , 83, e1-7	1.9	12
103	Acaricidal activity of the organic extracts of thirteen South African plants against Rhipicephalus (Boophilus) decoloratus (Acari: Ixodidae). <i>Veterinary Parasitology</i> , <b>2016</b> , 224, 39-43	2.8	12
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100	Isolation and Activity of Two Antibacterial Biflavonoids from Leaf Extracts of Garcinia livingstonei (Clusiaceae). <i>Natural Product Communications</i> , <b>2009</b> , 4, 1934578X0900401	0.9	11

99	Performance of a <i>Metarhizium anisopliae</i> -treated semiochemical-baited trap in reducing <i>Amblyomma variegatum</i> populations in the field. <i>Veterinary Parasitology</i> , <b>2010</b> , 169, 367-72	2.8	11
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96	Isolation and characterization of N-methyl-L-serine from <i>Dichapetalum cymosum</i> . <i>Phytochemistry</i> , <b>1969</b> , 8, 2201-2204	4	11
95	Isolation of two flavonoids from <i>Bauhinia Monandra</i> (KURZ) leaves and their antioxidative effects. <i>Tropical Journal of Obstetrics and Gynaecology</i> , <b>2006</b> , 3,	0.3	11
94	<i>Croton gratissimus</i> leaf extracts inhibit cancer cell growth by inducing caspase 3/7 activation with additional anti-inflammatory and antioxidant activities. <i>BMC Complementary and Alternative Medicine</i> , <b>2018</b> , 18, 305	4.7	11
93	Bioassay-guided isolation and identification of gametocytocidal compounds from <i>Artemisia afra</i> (Asteraceae). <i>Malaria Journal</i> , <b>2019</b> , 18, 65	3.6	10
92	Repellent and mosquitocidal effects of leaf extracts of <i>Clausena anisata</i> against the <i>Aedes aegypti</i> mosquito (Diptera: Culicidae). <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 11257-11266	5.1	10
91	Anticandidal activity of cell extracts from 13 probiotic <i>Lactobacillus</i> strains and characterisation of lactic acid and a novel fatty acid derivative from one strain. <i>Food Chemistry</i> , <b>2014</b> , 164, 470-5	8.5	10
90	Clerodendrumic Acid, a New Triterpenoid from <i>Clerodendrum glabrum</i> (Verbenaceae), and Antimicrobial Activities of Fractions and Constituents. <i>Helvetica Chimica Acta</i> , <b>2013</b> , 96, 1693-1703	2	10
89	Isolation of anti- <i>Candida albicans</i> compounds from <i>Markhamia obtusifolia</i> (Baker) Sprague (Bignoniaceae). <i>South African Journal of Botany</i> , <b>2010</b> , 76, 54-57	2.9	10
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86	Distinguishing between toxic and non-toxic pyrrolizidine alkaloids and quantification by liquid chromatography-mass spectrometry. <i>Phytochemistry Letters</i> , <b>2014</b> , 8, 126-131	1.9	9
85	Antimycobacterial, antioxidant and cytotoxic activities of essential oil of gall of <i>Pistacia atlantica</i> Desf. From Algeria. <i>Tropical Journal of Obstetrics and Gynaecology</i> , <b>2015</b> , 12, 150	0.3	9
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80	Variation in antibacterial activity of Schotia species. <i>South African Journal of Botany</i> , <b>2002</b> , 68, 41-46	2.9	9
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78	Natural Products: A Potential Source of Malaria Transmission Blocking Drugs?. <i>Pharmaceuticals</i> , <b>2020</b> , 13,	5.2	9
77	Influence of annual rainfall on antibacterial activity of acetone leaf extracts of selected medicinal trees. <i>South African Journal of Botany</i> , <b>2016</b> , 102, 197-201	2.9	8
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69	Investigation of the acaricidal activity of the acetone and ethanol extracts of 12 South African plants against the adult ticks of <i>Rhipicephalus turanicus</i> . <i>Onderstepoort Journal of Veterinary Research</i> , <b>2017</b> , 84, e1-e6	1.9	7
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67	Acetone leaf extracts of <i>Breonadia salicina</i> (Rubiaceae) and ursolic acid protect oranges against infection by <i>Penicillium</i> species. <i>South African Journal of Botany</i> , <b>2014</b> , 93, 48-53	2.9	7
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64	The Interaction between Cell Density of <i>Microcystis</i> Batch Cultures and Light Induced Stress Conditions. <i>Zeitschrift Für Pflanzenphysiologie</i> , <b>1979</b> , 95, 441-447		7

63	Ochnaflavone and ochnaflavone 7-O-methyl ether two antibacterial biflavonoids from <i>Ochna pretoriensis</i> (Ochnaceae). <i>Natural Product Communications</i> , <b>2012</b> , 7, 1601-4	0.9	7
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54	Isolation and characterization of two acaricidal compounds from <i>Calpurnia aurea</i> subsp. <i>aurea</i> (Fabaceae) leaf extract. <i>Experimental and Applied Acarology</i> , <b>2018</b> , 75, 345-354	2.1	6
53	Different <i>Combretum molle</i> (Combretaceae) leaf extracts contain several different antifungal and antibacterial compounds. <i>South African Journal of Botany</i> , <b>2019</b> , 126, 322-327	2.9	5
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45	THE OCCURRENCE AND OTHER ASPECTS OF N-METHYL ALANINE (NMA) AND N-METHYL SERINE (NMS) IN DICHPETALUM CYMOSUM (ENGL.) (GIFBLAAR) AND OTHER MEMBERS OF THE DICHPETALACEAE. <i>Transactions of the Royal Society of South Africa</i> , <b>1972</b> , 40, 41-47	1	5
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42	Understanding of the farmers' privilege concept by smallholder farmers in South Africa. <i>South African Journal of Science</i> , <b>2015</b> , 111, 1-5	1.3	4
41	Phenolic Composition of Leaf extracts of <i>Ailanthus altissima</i> (Simaroubaceae) with Antibacterial and Antifungal Activity Equivalent to Standard Antibiotics. <i>Natural Product Communications</i> , <b>2017</b> , 12, 1934578X1701201	0.9	4
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39	Antibacterial and Antimycobacterial Activity of Crude Extracts, Fractions, and Isolated Compounds From Leaves of Sneezewood, <i>Ptaeroxylon obliquum</i> (Rutaceae). <i>Natural Product Communications</i> , <b>2019</b> , 14, 1934578X1987292	0.9	4
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36	The suitability of Thin Layer Chromatography for authenticating bark medicines used in South African traditional healthcare. <i>South African Journal of Botany</i> , <b>2003</b> , 69, 165-169	2.9	4
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19	Inhibitory effect of <i>Newtonia</i> extracts and myricetin-3-o-rhamnoside (myricitrin) on bacterial biofilm formation. <i>BMC Complementary Medicine and Therapies</i> , <b>2020</b> , 20, 358	2.9	2
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17	Yield and quality responses of <i>Moringa oleifera</i> Lam. to nitrogen fertilization. <i>Acta Horticulturae</i> , <b>2017</b> , 201-208	0.3	1
16	African Plants with Potential for Development into Ethnoveterinary Products <b>2014</b> , 237-262		1
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11	Methods for Evaluating Efficacy of Ethnoveterinary Medicinal Plants <b>2010</b> , 1-24		1
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| 9 | Ptaeroxylon obliquum leaf extracts, fractions and isolated compounds as potential inhibitors of 15-lipoxygenase and lipopolysaccharide-induced nitric oxide production in RAW 264.7 macrophage cells. <i>South African Journal of Botany</i> , <b>2022</b> , 147, 192-196 | 2.9 | 0 |
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| 7 | Addition of a surfactant to water increases the acaricidal activity of extracts of some plant species used to control ticks by Zimbabwean smallholder farmers. <i>BMC Veterinary Research</i> , <b>2019</b> , 15, 404   | 2.7 | 0 |
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