Adebola Oyedeji

List of Publications by Year
in descending order

95 papers	1,448 citations	430874 18 h-index	377865 34 g-index
96 all docs	96 docs citations	96 times ranked	2017 citing authors

#	Article	IF	Citations
1	Ursolic Acid and Its Derivatives as Bioactive Agents. Molecules, 2019, 24, 2751.	3.8	152
2	Cymbopogon Species; Ethnopharmacology, Phytochemistry and the Pharmacological Importance. Molecules, 2015, 20, 7438-7453.	3.8	147
3	Chemical Composition and Antibacterial Activity of the Essential Oils of Callistemon citrinus and Callistemon viminalis from South Africa. Molecules, 2009, 14, 1990-1998.	3.8	94
4	Chemical Composition of the Essential Oils of Cyperus rotundus L. from South Africa. Molecules, 2009, 14, 2909-2917.	3.8	83
5	Antimicrobial activity of the essential oils of five Eucalyptus species growing in Nigeria. FÃ¬toterapÃ¬Ã¢, 1999, 70, 526-528.	2.2	59
6	Chemical Composition and Antibacterial Activity of the Essential Oil Isolated from South African Mentha longifolia (L.) L. subsp. capensis (Thunb.) Briq.. Journal of Essential Oil Research, 2006, 18, 57-59.	2.7	53
7	Plant Extracts Mediated Metal-Based Nanoparticles: Synthesis and Biological Applications. Biomolecules, 2022, 12, 627.	4.0	47
8	Volatile leaf oil constituents ofCymbopogon citratus (DC) Stapf. Flavour and Fragrance Journal, 2001, 16, 377-378.	2.6	44
9	Neuropharmacological profile and chemical analysis of fresh rhizome essential oil of Curcuma longa (turmeric) cultivated in Southwest Nigeria. Toxicology Reports, 2017, 4, 391-398.	3.3	35
10	Psychoneuropharmacological activities and chemical composition of essential oil of fresh fruits of Piper guineense (Piperaceae) in mice. Journal of Ethnopharmacology, 2015, 166, 240-249.	4.1	33
11	The Medicinal Natural Products of Cannabis sativa Linn.: A Review. Molecules, 2022, 27, 1689.	3.8	32
12	Synthesis of Silver Nanoparticles Using Buchu Plant Extracts and Their Analgesic Properties. Molecules, 2016, 21, 774.	3.8	27
13	Biogenic Synthesis of CuO, ZnO, and CuOâ€“ZnO Nanoparticles Using Leaf Extracts of Dovyalis caffra and Their Biological Properties. Molecules, 2022, 27, 3206.	3.8	26
14	Pesticidal activity of Tithonia diversifolia (Hemsl.) A. Gray and Tephrosia vogelii (Hook f.); phytochemical isolation and characterization: A review. South African Journal of Botany, 2019, 121, 366-376.	2.5	25
15	Volatile constituents and biological activities of the leaf and root of Echinacea species from South Africa. Saudi Pharmaceutical Journal, 2017, 25, 381-386.	2.7	22
16	Antioxidant and Anticholinesterase Activities of Macrosphyra Longistyla (DC) Hiern Relevant in the Management of Alzheimerâ€™s Disease. Antioxidants, 2019, 8, 400.	5.1	21
17	Chemical Composition and In vivo Anti-inflammatory Activity of Essential Oils from Citrus sinensis (L.) osbeck Growing in South Africa. Journal of Essential Oil-bearing Plants: JEOP, 2020, 23, 638-647.	1.9	21
18	Anti-Inflammatory and Membrane-Stabilizing Properties of Two Semisynthetic Derivatives of Oleanolic Acid. Inflammation, 2015, 38, 61-69.	3.8	20

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19	Semisynthesis of Derivatives of Oleanolic Acid fromSyzygium aromaticumand Their Antinociceptive and Anti-Inflammatory Properties. Mediators of Inflammation, 2016, 2016, 1-9.	3.0	20
20	Volatile constituents ofBoswellia serrata Roxb. (Burseraceae) bark. Flavour and Fragrance Journal, 2002, 17, 462-464.	2.6	19
21	Chemical composition, antioxidant activity and cytotoxicity of the essential oils of the leaves and stem of Tarchonanthus camphoratus. African Journal of Pharmacy and Pharmacology, 2013, 7, 360-367.	0.3	19
22	Chemical composition and anti-inflammatory activities of the essential oils fromAcacia mearnsiide Wild. Natural Product Research, 2015, 29, 1184-1188.	1.8	18
23	Essential Oil Composition of Two Varieties ofEucalyptus camaldulensisDehn. from Nigeria. Journal of Essential Oil Research, 2000, 12, 102-104.	2.7	17
24	Recent advances in drug delivery nanocarriers incorporated in temperature-sensitive Pluronic F-127â€“A critical review. Journal of Drug Delivery Science and Technology, 2022, 72, 103390.	3.0	17
25	Volatile leaf oil constituents ofLantana camaraL from Nigeria. Flavour and Fragrance Journal, 2003, 18, 384-386.	2.6	16
26	Essential Oil Composition ofLawsonia inermisL. Leaves from Nigeria. Journal of Essential Oil Research, 2005, 17, 403-404.	2.7	16
27	Volatile leaf oil constituents of threeEucalyptus species from Nigeria. Flavour and Fragrance Journal, 1999, 14, 241-244.	2.6	15
28	Chemical components retention and modelling of antioxidant activity using neural networks in oven dried tomato slices with and without osmotic dehydration pre-treatment. Journal of Food Measurement and Characterization, 2017, 11, 2247-2258.	3.2	15
29	In Vitro and In Vivo Antioxidant Properties of Taraxacum officinale in NÏ‰-Nitro-l-Arginine Methyl Ester (L-NAME)-Induced Hypertensive Rats. Antioxidants, 2019, 8, 309.	5.1	15
30	Anti-inflammatory activity of the essential oils of Cymbopogon validus (Stapf) Stapf ex Burtt Davy from Eastern Cape, South Africa. Asian Pacific Journal of Tropical Medicine, 2016, 9, 426-431.	0.8	14
31	(â^')-Eudesma-1,4(15),11-triene from the essential oil of Callitris intratropica. Phytochemistry, 1998, 48, 657-660.	2.9	13
32	Constituents of the Essential Oil from the Leaves ofLeonotis nepetaefolia(L.) Ait. f.. Journal of Essential Oil Research, 1999, 11, 716-718.	2.7	13
33	Essential Oil Composition of ThreeZanthoxylumSpecies. Journal of Essential Oil Research, 2008, 20, 69-71.	2.7	13
34	Chemical Composition of the Leaf Oil ofPlectranthus neochilusSchltr.. Journal of Essential Oil Research, 2010, 22, 546-547.	2.7	13
35	The Essential Oil of <i>Eucalyptus grandis</i> W. Hill ex Maiden Inhibits Microbial Growth by Inducing Membrane Damage. Chinese Medicine, 2013, 04, 7-14.	0.3	13
36	Chemical Composition, Antibacterial and Cytotoxic Activities of Essential Oil from the Leaves ofHelichrysum odoratissimumgrown in South Africa. Journal of Essential Oil-bearing Plants: JEOP, 2015, 18, 236-241.	1.9	13

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37	Human myiasis cases originating and reported in africa for the last two decades (1998â€“2018): A review. Acta Tropica, 2020, 210, 105590.	2.0	12
38	Chemical composition of the essential oil fromArctotis arctotoides (L.F.) O. Hoffm. (syn.Vendium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.6	10
39	Volatile Constituents of the Flowers, Leaves, Stems and Roots ofTithonia diversifolia(Hemsely) A. Gray. Journal of Essential Oil-bearing Plants: JEOP, 2012, 15, 816-821.	1.9	10
40	Synthesis, Characterization, and Antibacterial Studies of Some Metal Complexes of Dialkyl Thiourea: The X-Ray Single Crystal Structure of [CoCl₂(detu)₂]. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2013, 43, 524-531.	0.6	10
41	Synthesis, computational and biological studies of alkyltin(IV) N-methyl-N-hydroxyethyl dithiocarbamate complexes. Heliyon, 2021, 7, e07693.	3.2	10
42	Zierone: A Sesquiterpene Ketone from the Essential Oil of Cyperus distans L. (Cyperaceae). Advances in Research, 2016, 6, 1-6.	0.3	10
43	Biosynthesis of silver nanoparticles from Acacia mearnsii De Wild stem bark and its antinociceptive properties. Green Chemistry Letters and Reviews, 2017, 10, 59-68.	4.7	9
44	The future of energy materials: A case of MXenes-carbon dots nanocomposites. Journal of Energy Storage, 2022, 50, 104711.	8.1	9
45	Compositional Variation of the Essential Oils of Artemisia Afra Jacq. from Three Provinces in South Africa - A Case Study of its Safety. Natural Product Communications, 2009, 4, 1934578X0900400.	0.5	8
46	Croton gratissimus Leaf Essential Oil Composition, Antibacterial, Antiplatelet Aggregation, and Cytotoxic Activities. Journal of Herbs, Spices and Medicinal Plants, 2017, 23, 77-87.	1.1	8
47	Chemical Profiling, Toxicity and Anti-Inflammatory Activities of Essential Oils from Three Grapefruit Cultivars from KwaZulu-Natal in South Africa. Molecules, 2021, 26, 3387.	3.8	8
48	Evaluation of Trace Metal Profile inCymbopogon validusandHyparrhenia hirtaUsed as Traditional Herbs from Environmentally Diverse Region of Komga, South Africa. Journal of Analytical Methods in Chemistry, 2016, 2016, 1-8.	1.6	7
49	Plant-Derived Natural Products as Lead Agents against Common Respiratory Diseases. Molecules, 2022, 27, 3054.	3.8	7
50	Correlation of Total Phenolic, Flavonoid and Tannin Content of Bryophyllum pinnatum (Lam.) (Crassulaceae) Extract with the Antioxidant and Anticholinesterase Activities. Pharmacognosy Journal, 2019, 11, 1003-1009.	0.8	6
51	Triterpenes from the stem bark of Protorhus longifolia exhibit anti-platelet aggregation activity. African Journal of Pharmacy and Pharmacology, 2011, 5, .	0.3	5
52	Compositional Variations and Antibacterial Activities of the Essential Oils of threeMelaleucaSpecies from South Africa. Journal of Essential Oil-bearing Plants: JEOP, 2014, 17, 265-276.	1.9	5
53	Chemical and biological studies of <i>Lobelia flaccida</i> (C. Presl) A.DC leaf: a medicinal plant used by traditional healers in Eastern Cape, South Africa. Tropical Journal of Pharmaceutical Research, 2016, 15, 1715.	0.3	5
54	Compositional variation of the essential oils of Artemisia afra Jacq. from three provinces in South Africa--a case study of its safety. Natural Product Communications, 2009, 4, 849-52.	0.5	5

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55	Semi-synthesis of nitrogen derivatives of oleanolic acid and effect on breast carcinoma MCF-7 cells. Anticancer Research, 2014, 34, 4135-9.	1.1	5
56	Constituents of Momordica foetida and Evaluation of their Antimicrobial Activity. Planta Medica, 2009, 75, P-24.	1.3	4
57	Chemical Composition and Larvicidal Activity of the Essential Oil ofTarchonanthus camphoratusAgainstAnopheles arabiensisMosquito Larvae. Journal of Essential Oil-bearing Plants: JEOP, 2012, 15, 288-295.	1.9	4
58	Chemical analysis and biological potential of <i>Valerian root</i> as used by herbal practitioners in the Eastern Cape Province, South Africa. Tropical Journal of Obstetrics and Gynaecology, 2016, 13, 114.	0.3	4
59	Phytochemical composition, and analgesic and antiinflammatory properties of essential oil of <i>Chamaemelum nobile</i> (Asteraceae L All) in rodents. Tropical Journal of Pharmaceutical Research, 2019, 17, 1939.	0.3	4
60	Heavy metal profiles in limpets and algae on the Eastern Cape coast of South Africa. African Journal of Marine Science, 2021, 43, 293-308.	1.1	4
61	Ursane-Type Triterpenes, Phenolics and Phenolic Derivatives from Globimetula braunii Leaf. Molecules, 2021, 26, 6528.	3.8	4
62	Volatile constituents of Senecio pterophorus (African daisy) DC. from South Africa. Natural Product Communications, 2010, 5, 1811-4.	0.5	4
63	Chemical Composition and Antibacterial Activities of Essential Oil ofWarburgia salutaris(Bertol. f.) Chiov. from South Africa. Journal of Biologically Active Products From Nature, 2014, 4, 272-277.	0.3	3
64	Chemical Composition, Antibacterial Activity, and Brine Shrimp Lethality Test of Essential Oil from the Leaves of Eugenia natalitia. Chemistry of Natural Compounds, 2016, 52, 731-733.	0.8	3
65	Anti-inflammatory, Analgesic Activity and Toxicity of Two Pelargonium inquinans Ait Essential Oils: Wild and Cultivated. Journal of Essential Oil-bearing Plants: JEOP, 2019, 22, 1252-1264.	1.9	3
66	Chemical Variation and Implications on Repellency Activity of Tephrosia vogelii (Hook f.) Essential Oils Against Sitophilus zeamais Motschulsky. Agriculture (Switzerland), 2020, 10, 164.	3.1	3
67	Chemical Composition of Hypoxis hemerocallidea Fisch. & C.A. Mey from Eastern Cape, South Africa. , 2019, , 111-121.		3
68	Senecio pterophorus DC. (Asteraceae) Essential Oils: Antibacterial, Antioxidant, Cytotoxic and Larvicidal Activities. British Journal of Pharmaceutical Research, 2016, 12, 1-11.	0.4	3
69	Temporal and spatial variation of heavy metal concentration in four limpet species along the southeast coast of South Africa. Environmental Pollution, 2022, 302, 119056.	7.5	3
70	UHPLCâ€ESIâ€QTOFâ€MS/MS Characterisation of Phenolic Compounds fromÂ Tithonia diversifolia Â(Hemsl.) A. Gray and Antioxidant Activity. ChemistrySelect, 2022, 7, .	1.5	3
71	Synthesis, Theoretical Calculation, and Biological Studies of Mono- and Diphenyltin(IV) Complexes of N-Methyl-N-hydroxyethyldithiocarbamate. Molecules, 2022, 27, 2947.	3.8	3
72	The Composition of the Essential Oil from Cyperus distans Rhizome. Natural Product Communications, 2009, 4, 1934578X0900400.	0.5	2

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73	1,8-Cineole Chemotype of the Essential Oils ofKyllinga erectaSchum et Thonn and its Antimicrobial Activities. Journal of Essential Oil Research, 2010, 22, 189-192.	2.7	2
74	The Chemical Composition, Larvicidal and Antibacterial Activities of the Essential Oil ofTarchonanthus trilobusvargalpinii.. Journal of Essential Oil-bearing Plants: JEOP, 2013, 16, 524-530.	1.9	2
75	Acute and sub-chronic antihypertensive properties of Taraxacum officinale leaf (TOL) and root (TOR). Transactions of the Royal Society of South Africa, 2019, 74, 132-138.	1.1	2
76	The protective effect of aqueous extract of Typha capensis rhizomes on cadmium-induced infertility in rats. Journal of Basic and Clinical Physiology and Pharmacology, 2019, 30, .	1.3	2
77	Anticholinesterase and Antioxidant Activities of Spilanthes filicaulis Whole Plant Extracts for the Management of Alzheimerâ€™s Disease. Current Enzyme Inhibition, 2019, 15, 103-113.	0.4	2
78	Evaluation for Feeding Deterrents Against Sitophilus zeamais (Motsch.) from Tithonia diversifolia (Hemsl.) A. Gray. Journal of Biologically Active Products From Nature, 2022, 12, 77-93.	0.3	2
79	Stable isotopes analysis and heavy metal contamination in the rocky shore intertidal food web on the east coast of South Africa. Marine Environmental Research, 2022, 177, 105637.	2.5	2
80	A Review of the Traditional Uses, Phytochemistry and Pharmacology ofBryophyllum pinnatum(Lam.) (Crassulaceae). Journal of Biologically Active Products From Nature, 2022, 12, 190-222.	0.3	2
81	Volatile Constituents of the Leaf Oils ofCallistemon salignusfrom Two Provinces in South Africa. Journal of Essential Oil Research, 2010, 22, 613-615.	2.7	1
82	Composition and Biological Potential of Essential Oil from Thelechitonia trilobata Growing in South Africa. Natural Product Communications, 2011, 6, 1934578X1100601.	0.5	1
83	Antioxidant Activity and Cytotoxicity of the Leaf and Bark Extracts of <i>Tarchonanthus camphorates</i>. Tropical Journal of Pharmaceutical Research, 2013, 12, .	0.3	1
84	Acute toxicity study and prevention of NÏ‰-nitro-L-arginine methyl ester-induced hypertension by <i>Osteopermum imbricatum</i>. Tropical Journal of Pharmaceutical Research, 2018, 17, 1111.	0.3	1
85	Antimicrobial activity of pentacyclic triterpenes isolated from Berkheya bergiana. Planta Medica, 2009, 75, .	1.3	1
86	Neuropharmacological Activities of Ethanolic Extract of Cola millenii Dried Leaf in Rats. European Journal of Medicinal Plants, 2016, 16, 1-12.	0.5	1
87	Antimicrobial Potential of the Essential Oils of ThreeZanthoxylumSpecies Against Genitourinary Tract Pathogens. Journal of Essential Oil-bearing Plants: JEOP, 2010, 13, 496-502.	1.9	0
88	Insecticidal activities and chemical composition of the essential oil from Tarchonanthus camphoratus (L.), leaves against Sitophilus zeamais Motschulsky, and Sitophilus oryzae (L.). African Journal of Agricultural Research Vol Pp, 2015, 10, 2032-2037.	0.5	0
89	Chemical Composition and Antioxidant Activity of Tagetes minuta L. in Eastern Cape, South Africa. , 2018, , 23-36.		0
90	The Cytotoxicity of Mimusops Caffra-Derived Ursolic Acid and Its Three Triterpenoid Semi-synthesized Derivatives on HEK293 and HepG2 Cells. , 2019, , 97-110.		0

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91	Physicochemical Properties and Heavy Metals Accumulation in the Plant, Soil and Water from Municipal Landfill in Alice, South Africa. , 2019, , 247-267.		0
92	CYTOTOXIC POTENTIALS OF METHANOL EXTRACTS OF EKLONIA RADIATA AND JANIA VERUCOSA IN DIFFERENT CANCER CELLS AND NONâ€CANCEROUS CELL LINE.. FASEB Journal, 2020, 34, 1-1.	0.5	0
93	PHYTOCHEMICAL COMPOSITION, ANTIâ€INFLAMMATORY AND ANTIâ€MICROBIAL ACTIVITIES OF SOME SELECTED SEAWEED IN EASTERN CAPE, SOUTH AFRICA. FASEB Journal, 2020, 34, 1-1.	0.5	0
94	CYTOTOXIC ACTIVITIES OF SELECTED MOLLUSC SHELLS ALONG THE EASTERN CAPE COAST IN SOUTH AFRICA. FASEB Journal, 2020, 34, 1-1.	0.5	0
95	Volatile leaf oil constituents of three Eucalyptus species from Nigeria. Flavour and Fragrance Journal, 1999, 14, 241-244.	2.6	0