Derek T Ndinteh

List of Publications by Year in descending order

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101 papers 1,381 citations

279798 23 h-index 32 g-index

106 all docs

106
docs citations

106 times ranked 1774 citing authors

#	Article	IF	CITATIONS
1	Traditional uses, biological activities, and phytochemicals of <i>Lecaniodiscus cupanioides</i> : a review. ChemistrySelect, 2023, 8, 549-565.	1.5	1
2	Ethnobotanical survey, phytoconstituents and antibacterial investigation of <i>Rapanea melanophloeos (L.) Mez.</i> bark, fruit and leaf extracts. ChemistrySelect, 2023, 8, 1019-1044.	1.5	0
3	Synthesis of biologically active heterocyclic compounds from allenic and acetylenic nitriles and related compounds. ChemistrySelect, 2023, 8, 1233-1271.	1.5	O
4	Contribution of the volatile components from fresh egg, adult female and male of <i>Pestarella tyrrhena</i> to odour production. ChemistrySelect, 2023, 8, 813-825.	1.5	2
5	Design of Oleanolic Acid-based Hybrid Compounds as Potential Pharmaceutical Scaffolds. Letters in Drug Design and Discovery, 2022, 19, 10-19.	0.7	1
6	Pentacyclic Triterpenoids, Phytosteroids and Fatty Acid Isolated from the Stem-bark of Cola lateritia K. Schum. (Sterculiaceae) of Cameroon origin; Evaluation of Their Antibacterial Activity. Arabian Journal of Chemistry, 2022, 15, 103506.	4.9	8
7	Nickel Oxide-Carbon Soot-Cellulose Acetate Nanocomposite for the Detection of Mesitylene Vapour: Investigating the Sensing Mechanism Using an LCR Meter Coupled to an FTIR Spectrometer. Nanomaterials, 2022, 12, 727.	4.1	11
8	Chemical constituents from fruits of <i>Cnestis ferruginea</i> Vahl ex. DC (Connaraceae) and evaluation of their anticholinesterase and antiradical activities. Natural Product Research, 2022, 36, 5950-5958.	1.8	2
9	From wandering weeds to pharmacy: An insight into traditional uses, phytochemicals and pharmacology of genus Chromolaena (Asteraceae). Journal of Ethnopharmacology, 2022, 291, 115155.	4.1	8
10	The effect of measurement parameters on the performance of the sensors in the detection of organic compound vapours. Chemical Physics Impact, 2022, 4, 100068.	3.5	3
11	Cytotoxic and antimicrobial activities of new phytosteroids from the leaves of Anonidium mannii (Oliv.) Engl. & Diels (Annonaceae). South African Journal of Botany, 2022, 147, 628-635.	2.5	1
12	Ethanol-Extracted Cameroonian Propolis Counteracts Tamoxifen-Induced Endometrial Hyperplasia by Modulating Apoptosis and Proliferation-Regulating Proteins in the Ovaries of Intact Wistar Rats. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-11.	1.2	1
13	Effects of Hibiscus sabdariffa Calyxes Aqueous Extract on Antioxidant Status and Histopathology in Mammary Tumor-Induced in Rats. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-13.	1.2	2
14	Cytotoxic and cancer chemopreventive potentials of the Anthonotha macrophylla P. Beauv aqueous extract on 7,12-dimethylbenz[a]anthracene-induced breast cancer in rats. Biologia (Poland), 2021, 76, 729-739.	1.5	4
15	Effect of processing methods on the volatile components of Ethmalosa fimbriata using a twoâ€dimensional gas chromatographyâ€timeâ€ofâ€flight mass spectrometry (GC—ÂGCâ€TOFâ€MS) technic Journal of Food Processing and Preservation, 2021, 45, e15110.	յս Ք. Օ	3
16	Synthesis and structure of 4-{[(<i>E</i>)-(7-methoxy-1,3-benzodioxol-5-yl)methylidene]amino}-1,5-dimethyl-2-phenyl-2,3-dihydro-1 <i>H</i> Acta Crystallographica Section E: Crystallographic Communications, 2021, 77, 200-203.	pyoraszol-3-	-one.
17	The antimammary tumor effects of ethanolic extract of propolis from Adamawa region (Cameroon) are by apoptosis via reactive oxygen speciesâ€mediated mitochondrial pathway. Environmental Toxicology, 2021, 36, 861-873.	4.0	8
18	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

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19	Alginate-gum acacia based sponges as potential wound dressings for exuding and bleeding wounds. International Journal of Biological Macromolecules, 2021, 172, 350-359.	7.5	36
20	Regular consumption of "Nkuiâ€, a Cameroonian traditional dish, may protect against cardiovascular and bone disorders in an estrogen deficiency condition. Journal of Complementary and Integrative Medicine, 2021, 18, 535-544.	0.9	0
21	Elemental measurements and health risk assessment of sub-Saharan African medicinal plants used for cardiovascular diseases' and related risk factors' treatment. Journal of Trace Elements in Medicine and Biology, 2021, 65, 126725.	3.0	9
22	Traditional uses, phytochemistry, pharmacology and other potential applications of Vitellaria paradoxa Gaertn. (Sapotaceae): A review. Arabian Journal of Chemistry, 2021, 14, 103213.	4.9	11
23	Ecdysteroids from the Stem Bark of Vitex doniana Sweet (Lamiaceae; ex. Verbenaceae): A Geographically Variable African Medicinal Species. Antibiotics, 2021, 10, 937.	3.7	4
24	In vitro pro-apoptotic and anti-migratory effects of Treculia africana Decne. (Moraceae) and Entandrophragma angolense Welw (Meliaceae) extracts on prostate cancer cells. Journal of Herbal Medicine, 2021, 28, 100443.	2.0	4
25	Phytochemicals and Amino Acids Profiles of Selected sub-Saharan African Medicinal Plants' Parts Used for Cardiovascular Diseases' Treatment. Pharmaceutics, 2021, 13, 1367.	4.5	3
26	Anti-breast cancer potential of Anonidium mannii (Oliv.) Engl. & Diels barks ethanolic extract: UPLC-ESI-QTOF-MS detection of anticancer alkaloids. Journal of Ethnopharmacology, 2021, 276, 114131.	4.1	14
27	Glycosides of polygalacic acid from the stem barks of Piper guineense Schum and Thonn. Carbohydrate Research, 2021, 507, 108374.	2.3	0
28	1 Traditional uses, biological activities, and phytochemicals of Lecaniodiscus cupanioides: a review. , $2021,,1-18.$		0
29	Antibacterial and antioxidant activities of compounds isolated from the leaves of Symphonia globulifera (Clusiaceae) and their chemophenetic significance. Biochemical Systematics and Ecology, 2021, 99, 104345.	1.3	7
30	Cholesterolâ€Based Conjugates: Synthesis, Characterization and In Vitro Biological Studies. ChemistrySelect, 2021, 6, 11985-11993.	1.5	0
31	Oral administration of tartrazine (E102) accelerates the incidence and the development of 7,12-dimethylbenz(a) anthracene (DMBA)-induced breast cancer in rats. BMC Complementary Medicine and Therapies, 2021, 21, 303.	2.7	8
32	<i>Anthonotha macrophylla</i> P. Beauv (Caesalpiniaceae) aqueous extract exhibits antiestrogenic effects <i>in vitro</i> and <i>in vivo</i> Journal of Basic and Clinical Physiology and Pharmacology, 2020, 31, .	1.3	3
33	Bioguided identification of daucosterol, a compound that contributes to the cytotoxicity effects of Crateva adansonii DC (capparaceae) to prostate cancer cells. Journal of Ethnopharmacology, 2020, 247, 112251.	4.1	22
34	Activated Hordeum vulgare L. dust as carbon paste electrode modifier for the sensitive electrochemical detection of Cd2+, Pb2+ and Hg2+ions. International Journal of Environmental Analytical Chemistry, 2020, 100, 1429-1445.	3.3	7
35	Development, characterization, and <i>in vitro</i> evaluation of water soluble poloxamer/pluronicâ€mastic gumâ€gum acaciaâ€based wound dressing. Journal of Applied Polymer Science, 2020, 137, 48728.	2.6	13
36	Synthesis of gold nanoparticles using Crinum macowanii bulb extracts and the application of these materials in blood detections at crime scenes. Luminescence, 2020, 35, 187-195.	2.9	7

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37	Synthesis of substituted N-(2′-nitrophenyl)pyrrolidine-2-carboxamides towards the design of proline-rich antimicrobial peptide mimics to eliminate bacterial resistance to antibiotics. Bioorganic Chemistry, 2020, 105, 104340.	4.1	4
38	Abyssinone V-4 \hat{a} \in Methyl Ether, a Flavanone Isolated from (i) Erythrina droogmansiana (i), Exhibits Cytotoxic Effects on Human Breast Cancer Cells by Induction of Apoptosis and Suppression of Invasion. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-14.	1.2	2
39	Alginate-pluronic topical gels loaded with thymol, norfloxacin and ZnO nanoparticles as potential wound dressings. Journal of Drug Delivery Science and Technology, 2020, 60, 101960.	3.0	26
40	Antibacterial activity and gas chromatography mass spectrometry (GC–MS)-based metabolite profiles of Celtis africana and its endophytic extracts. Industrial Crops and Products, 2020, 157, 112933.	5.2	9
41	Irvingia excelsa Mildbr. ethanolic extract displays in vitro cytotoxic effects on prostate cancer cells and prevents benign prostatic hyperplasia in Wistar rats. Biologia (Poland), 2020, 75, 2053-2062.	1.5	3
42	Density functional theory studies of Hypaphorine from Erythrina mildbraedii and Erythrina addisoniae: structural and biological properties. SN Applied Sciences, 2020, 2, 1.	2.9	4
43	Evaluation of some amino benzoic acid and 4-aminoantipyrine derived Schiff bases as corrosion inhibitors for mild steel in acidic medium: Synthesis, experimental and computational studies. Journal of Molecular Liquids, 2020, 315, 113773.	4.9	33
44	Ethanolâ€extracted Cameroonian propolis: Antiproliferative effects and potential mechanism of action in prostate cancer. Andrologia, 2020, 52, e13698.	2.1	6
45	Synthesis and biological evaluation of 2-substituted vinylgembisphosphonates against <i>Plasmodium falciparum</i> and <i>Trypanosoma brucei</i> Phosphorus, Sulfur and Silicon and the Related Elements, 2020, 195, 556-561.	1.6	0
46	Fractionation and bioassay-guided isolation of antihypertensive components of Senecio serratuloides. Cogent Medicine, 2020, 7, .	0.7	3
47	Daucosterol fromCrateva adansoniiDC(Capparaceae) reduces7,12â€dimethylbenz(a)anthraceneâ€induced mammary tumors in Wistar rats. Environmental Toxicology, 2020, 35, 1125-1136.	4.0	5
48	Comparative evaluation of antifungal and antibacterial activities of crude extracts of Pleurotus sajor-caju, Pleurotus tuber-regium and Lentinus squarrosulus (Basidiomycota, Pleurotaceae,) Tj ETQq0 0 0 rgBT	/Ov er tock	10 5 f 50 297
49	Evaluation of the antifungal and antibacterial activities of crude extracts of three species of Rigidoporus (Basidiomycota, Polyporaceae) from Cameroon. The Journal of Phytopharmacology, 2020, 9, 246-251.	0.3	1
50	Lupeol, the major compound of the dichloromethane extract of <scp><i>Millettia macrophylla</i></scp> Benth (Fabaceae), displays estrogenic effects in ovariectomized rats. Phytotherapy Research, 2019, 33, 949-957.	5.8	4
51	Crystal structure and antibacterial activity of scandenone (warangalone) from Erythrina plants. Journal of Molecular Structure, 2019, 1191, 43-51.	3.6	4
52	Anti-HIV-1 integrase potency of methylgallate from Alchornea cordifolia using in vitro and in silico approaches. Scientific Reports, 2019, 9, 4718.	3.3	13
53	Microbial activity of some heterocyclic Schiff bases and metal complexes: A review. Tropical Journal of Pharmaceutical Research, 2019, 17, 2507.	0.3	29
54	Benzimidazole Schiff base derivatives: synthesis, characterization and antimicrobial activity. BMC Chemistry, 2019, 13, 127.	3.8	36

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55	Biological activity of plant extracts and isolated compounds from Alchornea laxiflora: Anti-HIV, antibacterial and cytotoxicity evaluation. South African Journal of Botany, 2019, 122, 498-503.	2.5	18
56	Antioxidant and prooxidant effects of Piptadeniastrum africanum as the possible rationale behind its broad scale application in AfricanÂethnomedicine. Journal of Ethnopharmacology, 2019, 231, 429-437.	4.1	9
57	Towards eradicating antibiotic-resistant bacteria: synthesis and antibacterial activities of substituted N-(2-nitrophenyl)pyrrolidine- and piperidine-2-carboxylic acids. Journal of Chinese Pharmaceutical Sciences, 2019, 28, 704-715.	0.1	6
58	Antidiabetic Potential of Erythrina abyssinica via Protein Tyrosine Phosphate 1B Inhibitory Activity., 2018,, 377-389.		3
59	Biosynthesis and characterisation of antimicrobial silver nanoparticles from a selection of fever-reducing medicinal plants of South Africa. South African Journal of Botany, 2018, 119, 172-180.	2.5	25
60	Profiling of volatile flavor compounds in <i>nkui</i> (a Cameroonian food) by solid phase extraction and 2D gas chromatography time of flight mass spectrometry (<scp>SPME</scp> â€ <scp>GC</scp> — <scp>GC</scp> â€ <scp>MS</scp>). Food Science an Nutrition, 2018, 6, 2028-2035.	$d^{3.4}$	13
61	The hydro-ethanolic extract of Acacia seyal (Mimosaceae) stem barks induced death in an ER-negative breast cancer cell line by the intrinsic pathway of apoptosis and inhibited cell migration. Journal of Ethnopharmacology, 2018, 223, 41-50.	4.1	7
62	Myrianthus arboreus P. Beauv (Cecropiaceae) Extracts Accelerates Sexual Maturation, and Increases Fertility Index and Gestational Rate in Female Wistar Rats. Medicines (Basel, Switzerland), 2018, 5, 73.	1.4	8
63	Ethanol-extracted Cameroonian propolis exerts estrogenic effects and alleviates hot flushes in ovariectomized Wistar rats. BMC Complementary and Alternative Medicine, 2017, 17, 65.	3.7	25
64	2,4-Ditellurouracil and its 5-fluoro derivative: Theoretical investigations of structural, energetics and ADME parameters. Computational Biology and Chemistry, 2017, 68, 56-63.	2.3	8
65	Effect of incorporating graphene oxide and surface imprinting on polysulfone membranes on flux, hydrophilicity and rejection of salt and polycyclic aromatic hydrocarbons from water. Physics and Chemistry of the Earth, 2017, 100, 126-134.	2.9	20
66	Nutritional quality of maize–groundnut composite flours and resultant porridges. Nutrition and Food Science, 2017, 47, 318-331.	0.9	2
67	Secondary metabolites from Tetracera potatoria stem bark with anti-mycobacterial activity. Journal of Ethnopharmacology, 2017, 195, 238-245.	4.1	19
68	Quality enhancement of prickly pears (Opuntia sp.) juice through probiotic fermentation using Lactobacillus fermentum - ATCC 9338. LWT - Food Science and Technology, 2017, 75, 453-459.	5.2	82
69	Impact of Gaseous Carbon Dioxide and Boiling Power on Dimethyl Sulfide Stripping Behavior during Wort Boiling. Journal of the American Society of Brewing Chemists, 2017, 75, 324-332.	1.1	0
70	Estrogen-like and tissue-selective effects of 7-methoxycoumarin from Ficus umbellata (Moraceae): an in vitro and in vivo study. BMC Complementary and Alternative Medicine, 2017, 17, 383.	3.7	7
71	Ficus umbellata Vahl. (Moraceae) Stem Bark Extracts Exert Antitumor Activities In Vitro and In Vivo. International Journal of Molecular Sciences, 2017, 18, 1073.	4.1	19
72	Deciphering composition and connectivity of a natural product with the assistance of MS and 2D NMR. Acta Crystallographica Section C, Structural Chemistry, 2017, 73, 994-1002.	0.5	0

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73	Synthesis of silver nanoparticles from a Desmodium adscendens extract and its antibacterial evaluation on wound dressing material. IET Nanobiotechnology, 2017, 11, 1017-1026.	3.8	4
74	Deciphering composition and connectivity in a natural product with assistance of MS and two-dimensional NMR. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, a313-a313.	0.1	0
75	Estrogenic and cytotoxic potentials of compounds isolated from Millettia macrophylla Benth (Fabaceae): towards a better understanding of its underlying mechanisms. BMC Complementary and Alternative Medicine, 2016, 16, 421.	3.7	21
76	Proximate composition, mineral content and fatty acid profile of two marine fishes from Cameroonian coast: Pseudotolithus typus (Bleeker, 1863) and Pseudotolithus elongatus (Bowdich,) Tj ETQq0 0	0 rgBT/0	verløøk 10 Tf
77	Crateva adansonii DC, an African ethnomedicinal plant, exerts cytotoxicity in vitro and prevents experimental mammary tumorigenesis in vivo. Journal of Ethnopharmacology, 2016, 190, 183-199.	4.1	23
78	Antibacterial effects of Alchornea cordifolia (Schumach. and Thonn.) MýII. Arg extracts and compounds on gastrointestinal, skin, respiratory and urinary tract pathogens. Journal of Ethnopharmacology, 2016, 179, 76-82.	4.1	38
79	Ethnopharmacological surveys and pharmacological studies of plants used in traditional medicine in the treatment of HIV/AIDS opportunistic diseases in Gabon. Journal of Ethnopharmacology, 2015, 162, 306-316.	4.1	30
80	Charge-assisted hydrogen bonding in salts of 2-amino-1 <i>H</i> -benzimidazole with 3-phenylpropynoic acid and oct-2-ynoic acid. Acta Crystallographica Section C, Structural Chemistry, 2015, 71, 146-151.	0.5	3
81	Determination of Catechins from Elephantorrhiza elephantina and Pentanisia prunelloides using Voltammetry and UV spectroscopy. Natural Product Communications, 2014, 9, 1934578X1400900.	0.5	4
82	Fluorescent sensing and determination of mercury (II) ions in water. Water S A, 2014, 40, 175.	0.4	17
83	Antibacterial activity of the roots, stems and leaves of Alchornea floribunda. Journal of Ethnopharmacology, 2014, 151, 1023-1027.	4.1	18
84	Antibacterial activities of plants from Central Africa used traditionally by the Bakola pygmies for treating respiratory and tuberculosis-related symptoms. Journal of Ethnopharmacology, 2014, 155, 123-131.	4.1	32
85	Interactive efficacies of Elephantorrhiza elephantina and Pentanisia prunelloides extracts and isolated compounds against gastrointestinal bacteria. South African Journal of Botany, 2014, 94, 224-230.	2.5	13
86	Synthesis and Magnetic Properties of a Superparamagnetic Nanocomposite "Pectin-Magnetite Nanocomposite― Journal of Nanomaterials, 2013, 2013, 1-8.	2.7	46
87	New prenylated isoflavonoids as protein tyrosine phosphatase 1B (PTP1B) inhibitors from Erythrina addisoniae. Bioorganic and Medicinal Chemistry, 2012, 20, 6459-6464.	3.0	38
88	Detailed investigation of a \hat{I}^3 -cyclodextrin inclusion complex with l-thyroxine for improved pharmaceutical formulations. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2012, 74, 397-405.	1.6	13
89	New 5-deoxyflavonoids and their inhibitory effects on protein tyrosine phosphatase 1B (PTP1B) activity. Bioorganic and Medicinal Chemistry, 2011, 19, 3378-3383.	3.0	36
90	Two New Fatty Acid Derivatives from the Stem Bark of <i>Alchornea laxiflora</i> (Euphorbiaceae). JAOCS, Journal of the American Oil Chemists' Society, 2011, 88, 1153-1159.	1.9	7

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91	Prenylated pterocarpans as bacterial neuraminidase inhibitors. Bioorganic and Medicinal Chemistry, 2010, 18, 3335-3344.	3.0	37
92	New stilbenoid with inhibitory activity on viral neuraminidases from Erythrina addisoniae. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 6430-6434.	2.2	30
93	New Prenylated Flavanones from <i>Erythrina abyssinica < i>with Protein Tyrosine Phosphatase 1B (PTP1B) Inhibitory Activity. Planta Medica, 2010, 76, 713-718.</i>	1.3	27
94	AMP-Activated Protein Kinase (AMPK) Activation by Benzofurans and Coumestans Isolated from <i>Erythrina abyssinica</i> . Journal of Natural Products, 2010, 73, 598-602.	3.0	41
95	Pterocarpans with inhibitory effects on protein tyrosine phosphatase 1B from Erythrina lysistemon Hutch Phytochemistry, 2009, 70, 2053-2057.	2.9	34
96	Cytotoxic and PTP1B inhibitory activities from Erythrina abyssinica. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 6745-6749.	2.2	48
97	Flavanones from the stem bark of Erythrina abyssinica. Bioorganic and Medicinal Chemistry, 2008, 16, 10356-10362.	3.0	35
98	Isoprenylated Flavonoids from the Stem Bark of Erythrina abyssinica #. Journal of Natural Products, 2007, 70, 1039-1042.	3.0	50
99	Antimicrobial activity of Bridelia ferruginea leaves extracts. Fìtoterapìâ, 2002, 73, 343-345.	2.2	18
100	Micropellet Particles: A Vector of Hydrophobic Endocrine Disrupting Chemicals in Lagos Lagoon. Current Journal of Applied Science and Technology, 0, , 1-14.	0.3	3
101	Effect of Senecio serratuloides and its bioactive compound on hypertension. , 0, , .		O