

Derek T Ndinteh

List of Publications by Year in descending order

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101
papers

1,381
citations

279798

23
h-index

414414

32
g-index

106
all docs

106
docs citations

106
times ranked

1774
citing authors

#	ARTICLE	IF	CITATIONS
1	Quality enhancement of prickly pears (<i>Opuntia</i> sp.) juice through probiotic fermentation using <i>Lactobacillus fermentum</i> - ATCC 9338. <i>LWT - Food Science and Technology</i> , 2017, 75, 453-459.	5.2	82
2	Isoprenylated Flavonoids from the Stem Bark of <i>Erythrina abyssinica</i> . <i>Journal of Natural Products</i> , 2007, 70, 1039-1042.	3.0	50
3	Proximate composition, mineral content and fatty acid profile of two marine fishes from Cameroonian coast: <i>Pseudotolithus typus</i> (Bleeker, 1863) and <i>Pseudotolithus elongatus</i> (Bowdich.) <i>Tj ETQq1 1 0.784314 rg35 /Overl</i>		
4	Cytotoxic and PTP1B inhibitory activities from <i>Erythrina abyssinica</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 6745-6749.	2.2	48
5	Synthesis and Magnetic Properties of a Superparamagnetic Nanocomposite α -Pectin-Magnetite Nanocomposite. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-8.	2.7	46
6	AMP-Activated Protein Kinase (AMPK) Activation by Benzofurans and Coumestans Isolated from <i>Erythrina abyssinica</i> . <i>Journal of Natural Products</i> , 2010, 73, 598-602.	3.0	41
7	New prenylated isoflavonoids as protein tyrosine phosphatase 1B (PTP1B) inhibitors from <i>Erythrina addisoniae</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 6459-6464.	3.0	38
8	Antibacterial effects of <i>Alchornea cordifolia</i> (Schumach. and Thonn.) Mill. Arg extracts and compounds on gastrointestinal, skin, respiratory and urinary tract pathogens. <i>Journal of Ethnopharmacology</i> , 2016, 179, 76-82.	4.1	38
9	Prenylated pterocarpans as bacterial neuraminidase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 3335-3344.	3.0	37
10	New 5-deoxyflavonoids and their inhibitory effects on protein tyrosine phosphatase 1B (PTP1B) activity. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 3378-3383.	3.0	36
11	Benzimidazole Schiff base derivatives: synthesis, characterization and antimicrobial activity. <i>BMC Chemistry</i> , 2019, 13, 127.	3.8	36
12	Alginate-gum acacia based sponges as potential wound dressings for exuding and bleeding wounds. <i>International Journal of Biological Macromolecules</i> , 2021, 172, 350-359.	7.5	36
13	Flavanones from the stem bark of <i>Erythrina abyssinica</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 10356-10362.	3.0	35
14	Pterocarpans with inhibitory effects on protein tyrosine phosphatase 1B from <i>Erythrina lysistemon</i> Hutch.. <i>Phytochemistry</i> , 2009, 70, 2053-2057.	2.9	34
15	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. <i>Journal of Molecular Liquids</i> , 2020, 315, 113773.	4.9	33
16	Antibacterial activities of plants from Central Africa used traditionally by the Bakola pygmies for treating respiratory and tuberculosis-related symptoms. <i>Journal of Ethnopharmacology</i> , 2014, 155, 123-131.	4.1	32
17	New stilbenoid with inhibitory activity on viral neuraminidases from <i>Erythrina addisoniae</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 6430-6434.	2.2	30
18	Ethnopharmacological surveys and pharmacological studies of plants used in traditional medicine in the treatment of HIV/AIDS opportunistic diseases in Gabon. <i>Journal of Ethnopharmacology</i> , 2015, 162, 306-316.	4.1	30

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19	Microbial activity of some heterocyclic Schiff bases and metal complexes: A review. <i>Tropical Journal of Pharmaceutical Research</i> , 2019, 17, 2507.	0.3	29
20	New Prenylated Flavanones from <i>Erythrina abyssinica</i> with Protein Tyrosine Phosphatase 1B (PTP1B) Inhibitory Activity. <i>Planta Medica</i> , 2010, 76, 713-718.	1.3	27
21	Alginate-pluronic topical gels loaded with thymol, norfloxacin and ZnO nanoparticles as potential wound dressings. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 101960.	3.0	26
22	Ethanol-extracted Cameroonian propolis exerts estrogenic effects and alleviates hot flushes in ovariectomized Wistar rats. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 65.	3.7	25
23	Biosynthesis and characterisation of antimicrobial silver nanoparticles from a selection of fever-reducing medicinal plants of South Africa. <i>South African Journal of Botany</i> , 2018, 119, 172-180.	2.5	25
24	<i>Crateva adansonii</i> DC, an African ethnomedicinal plant, exerts cytotoxicity in vitro and prevents experimental mammary tumorigenesis in vivo. <i>Journal of Ethnopharmacology</i> , 2016, 190, 183-199.	4.1	23
25	Bioguided identification of daucosterol, a compound that contributes to the cytotoxicity effects of <i>Crateva adansonii</i> DC (capparaceae) to prostate cancer cells. <i>Journal of Ethnopharmacology</i> , 2020, 247, 112251.	4.1	22
26	Estrogenic and cytotoxic potentials of compounds isolated from <i>Millettia macrophylla</i> Benth (Fabaceae): towards a better understanding of its underlying mechanisms. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 421.	3.7	21
27	Effect of incorporating graphene oxide and surface imprinting on polysulfone membranes on flux, hydrophilicity and rejection of salt and polycyclic aromatic hydrocarbons from water. <i>Physics and Chemistry of the Earth</i> , 2017, 100, 126-134.	2.9	20
28	Secondary metabolites from <i>Tetracera potatoria</i> stem bark with anti-mycobacterial activity. <i>Journal of Ethnopharmacology</i> , 2017, 195, 238-245.	4.1	19
29	<i>Ficus umbellata</i> Vahl. (Moraceae) Stem Bark Extracts Exert Antitumor Activities In Vitro and In Vivo. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1073.	4.1	19
30	Antimicrobial activity of <i>Bridelia ferruginea</i> leaves extracts. <i>Fytoterapia</i> , 2002, 73, 343-345.	2.2	18
31	Antibacterial activity of the roots, stems and leaves of <i>Alchornea floribunda</i> . <i>Journal of Ethnopharmacology</i> , 2014, 151, 1023-1027.	4.1	18
32	Biological activity of plant extracts and isolated compounds from <i>Alchornea laxiflora</i> : Anti-HIV, antibacterial and cytotoxicity evaluation. <i>South African Journal of Botany</i> , 2019, 122, 498-503.	2.5	18
33	Fluorescent sensing and determination of mercury (II) ions in water. <i>Water S A</i> , 2014, 40, 175.	0.4	17
34	Anti-breast cancer potential of <i>Anonidium mannii</i> (Oliv.) Engl. & Diels barks ethanolic extract: UPLC-ESI-QTOF-MS detection of anticancer alkaloids. <i>Journal of Ethnopharmacology</i> , 2021, 276, 114131.	4.1	14
35	Detailed investigation of a β -cyclodextrin inclusion complex with L-thyroxine for improved pharmaceutical formulations. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2012, 74, 397-405.	1.6	13
36	Interactive efficacies of <i>Elephantorrhiza elephantina</i> and <i>Pentanisia prunelloides</i> extracts and isolated compounds against gastrointestinal bacteria. <i>South African Journal of Botany</i> , 2014, 94, 224-230.	2.5	13

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37	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 (SPME-GC-MS). <i>Food Science and Nutrition</i> , 2018, 6, 2028-2035.	3.4	13
38	Anti-HIV-1 integrase potency of methylgallate from <i>Alchornea cordifolia</i> using in vitro and in silico approaches. <i>Scientific Reports</i> , 2019, 9, 4718.	3.3	13
39	Development, characterization, and in vitro evaluation of water soluble poloxamer/pluronic-mastic gum-acacia-based wound dressing. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48728.	2.6	13
40	Traditional uses, phytochemistry, pharmacology and other potential applications of <i>Vitellaria paradoxa</i> Gaertn. (Sapotaceae): A review. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103213.	4.9	11
41	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. <i>Nanomaterials</i> , 2022, 12, 727.	4.1	11
42	Antioxidant and prooxidant effects of <i>Piptadeniastrum africanum</i> as the possible rationale behind its broad scale application in African ethnomedicine. <i>Journal of Ethnopharmacology</i> , 2019, 231, 429-437.	4.1	9
43	Antibacterial activity and gas chromatography mass spectrometry (GC-MS)-based metabolite profiles of <i>Celtis africana</i> and its endophytic extracts. <i>Industrial Crops and Products</i> , 2020, 157, 112933.	5.2	9
44	Elemental measurements and health risk assessment of sub-Saharan African medicinal plants used for cardiovascular diseases and related risk factors treatment. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021, 65, 126725.	3.0	9
45	2,4-Ditellurouracil and its 5-fluoro derivative: Theoretical investigations of structural, energetics and ADME parameters. <i>Computational Biology and Chemistry</i> , 2017, 68, 56-63.	2.3	8
46	<i>Myrianthus arboreus</i> P. Beauv (Cecropiaceae) Extracts Accelerates Sexual Maturation, and Increases Fertility Index and Gestational Rate in Female Wistar Rats. <i>Medicines (Basel, Switzerland)</i> , 2018, 5, 73.	1.4	8
47	The antimammary tumor effects of ethanolic extract of propolis from Adamawa region (Cameroon) are by apoptosis via reactive oxygen species-mediated mitochondrial pathway. <i>Environmental Toxicology</i> , 2021, 36, 861-873.	4.0	8
48	Pentacyclic Triterpenoids, Phytosteroids and Fatty Acid Isolated from the Stem-bark of <i>Cola lateritia</i> K. Schum. (Sterculiaceae) of Cameroon origin; Evaluation of Their Antibacterial Activity. <i>Arabian Journal of Chemistry</i> , 2022, 15, 103506.	4.9	8
49	From wandering weeds to pharmacy: An insight into traditional uses, phytochemicals and pharmacology of genus <i>Chromolaena</i> (Asteraceae). <i>Journal of Ethnopharmacology</i> , 2022, 291, 115155.	4.1	8
50	Oral administration of tartrazine (E102) accelerates the incidence and the development of 7,12-dimethylbenz(a) anthracene (DMBA)-induced breast cancer in rats. <i>BMC Complementary Medicine and Therapies</i> , 2021, 21, 303.	2.7	8
51	Two New Fatty Acid Derivatives from the Stem Bark of <i>Alchornea laxiflora</i> (Euphorbiaceae). <i>JAOCs, Journal of the American Oil Chemists' Society</i> , 2011, 88, 1153-1159.	1.9	7
52	Estrogen-like and tissue-selective effects of 7-methoxycoumarin from <i>Ficus umbellata</i> (Moraceae): an in vitro and in vivo study. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 383.	3.7	7
53	The hydro-ethanolic extract of <i>Acacia seyal</i> (Mimosaceae) stem barks induced death in an ER-negative breast cancer cell line by the intrinsic pathway of apoptosis and inhibited cell migration. <i>Journal of Ethnopharmacology</i> , 2018, 223, 41-50.	4.1	7
54	Activated <i>Hordeum vulgare</i> L. dust as carbon paste electrode modifier for the sensitive electrochemical detection of Cd ²⁺ , Pb ²⁺ and Hg ²⁺ ions. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, 100, 1429-1445.	3.3	7

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55	Synthesis of gold nanoparticles using <i>Crinum macowanii</i> bulb extracts and the application of these materials in blood detections at crime scenes. <i>Luminescence</i> , 2020, 35, 187-195.	2.9	7
56	Antibacterial and antioxidant activities of compounds isolated from the leaves of <i>Symphonia globulifera</i> (Clusiaceae) and their chemophenetic significance. <i>Biochemical Systematics and Ecology</i> , 2021, 99, 104345.	1.3	7
57	Ethanolâ€extracted Cameroonian propolis: Antiproliferative effects and potential mechanism of action in prostate cancer. <i>Andrologia</i> , 2020, 52, e13698.	2.1	6
58	Towards eradicating antibiotic-resistant bacteria: synthesis and antibacterial activities of substituted N-(2-nitrophenyl)pyrrolidine- and piperidine-2-carboxylic acids. <i>Journal of Chinese Pharmaceutical Sciences</i> , 2019, 28, 704-715.	0.1	6
59	Daucosterol from <i>Crateva adansonii</i> DC (Capparaceae) reduces 7,12â€dimethylbenz(a)anthraceneâ€induced mammary tumors in Wistar rats. <i>Environmental Toxicology</i> , 2020, 35, 1125-1136.	4.0	5
60	Comparative evaluation of antifungal and antibacterial activities of crude extracts of <i>Pleurotus sajor-caju</i> , <i>Pleurotus tuber-regium</i> and <i>Lentinus squarrosulus</i> (Basidiomycota, Pleurotaceae,) Tj ETQq0 0 0 rgBT /Overclock 10 ff 50 537 T		
61	Determination of Catechins from <i>Elephantorrhiza elephantina</i> and <i>Pentania prunelloides</i> using Voltammetry and UV spectroscopy. <i>Natural Product Communications</i> , 2014, 9, 1934578X1400900.	0.5	4
62	Synthesis of silver nanoparticles from a <i>Desmodium adscendens</i> extract and its antibacterial evaluation on wound dressing material. <i>IET Nanobiotechnology</i> , 2017, 11, 1017-1026.	3.8	4
63	Lupeol, the major compound of the dichloromethane extract of <i>Millettia macrophylla</i> Benth (Fabaceae), displays estrogenic effects in ovariectomized rats. <i>Phytotherapy Research</i> , 2019, 33, 949-957.	5.8	4
64	Crystal structure and antibacterial activity of scandenone (warangalone) from <i>Erythrina</i> plants. <i>Journal of Molecular Structure</i> , 2019, 1191, 43-51.	3.6	4
65	Synthesis of substituted N-(2â€nitrophenyl)pyrrolidine-2-carboxamides towards the design of proline-rich antimicrobial peptide mimics to eliminate bacterial resistance to antibiotics. <i>Bioorganic Chemistry</i> , 2020, 105, 104340.	4.1	4
66	Density functional theory studies of Hypaphorine from <i>Erythrina mildbraedii</i> and <i>Erythrina addisoniae</i> : structural and biological properties. <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	4
67	Cytotoxic and cancer chemopreventive potentials of the <i>Anthonotha macrophylla</i> P. Beauv aqueous extract on 7,12-dimethylbenz[a]anthracene-induced breast cancer in rats. <i>Biologia (Poland)</i> , 2021, 76, 729-739.	1.5	4
68	Synthesis, Antibacterial, and Cytotoxicity Evaluation of Oleanolic Acid-4-aminoquinoline Based Hybrid Compounds. <i>Recent Patents on Anti-infective Drug Discovery</i> , 2021, 16, 122-136.	0.8	4
69	Ecdysteroids from the Stem Bark of <i>Vitex doniana</i> Sweet (Lamiaceae; ex. Verbenaceae): A Geographically Variable African Medicinal Species. <i>Antibiotics</i> , 2021, 10, 937.	3.7	4
70	In vitro pro-apoptotic and anti-migratory effects of <i>Treulia africana</i> Decne. (Moraceae) and <i>Entandrophragma angolense</i> Welw (Meliaceae) extracts on prostate cancer cells. <i>Journal of Herbal Medicine</i> , 2021, 28, 100443.	2.0	4
71	Charge-assisted hydrogen bonding in salts of 2-amino-1 <i>H</i> -benzimidazole with 3-phenylpropynoic acid and oct-2-ynoic acid. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2015, 71, 146-151.	0.5	3
72	Antidiabetic Potential of <i>Erythrina abyssinica</i> via Protein Tyrosine Phosphate 1B Inhibitory Activity. , 2018, , 377-389.		3

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73	<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
74	<i>Irvingia excelsa</i> Mildbr. ethanolic extract displays <i>in vitro</i> cytotoxic effects on prostate cancer cells and prevents benign prostatic hyperplasia in Wistar rats. Biologia (Poland), 2020, 75, 2053-2062.	1.5	3
75	Fractionation and bioassay-guided isolation of antihypertensive components of <i>Senecio serratuloides</i> . Cogent Medicine, 2020, 7, .	0.7	3
76	Effect of processing methods on the volatile components of <i>Ethmalosa fimbriata</i> using a two-dimensional gas chromatography–time-of-flight mass spectrometry (GC–TOFMS) technique. Journal of Food Processing and Preservation, 2021, 45, e15110.	2.0	3
77	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
78	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
79	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
80	Nutritional quality of maize–groundnut composite flours and resultant porridges. Nutrition and Food Science, 2017, 47, 318-331.	0.9	2
81	Abyssinone V-4 ² 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
82	Contribution of the volatile components from fresh egg, adult female and male of <i>Pestarella tyrhena</i> to odour production. ChemistrySelect, 2023, 8, 813-825.	1.5	2
83	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
84	Effects of <i>Hibiscus sabdariffa</i> 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
85	Traditional uses, biological activities, and phytochemicals of <i>Lecaniodiscus cupanioides</i> : a review. ChemistrySelect, 2023, 8, 549-565.	1.5	1
86	Design of Oleanolic Acid-based Hybrid Compounds as Potential Pharmaceutical Scaffolds. Letters in Drug Design and Discovery, 2022, 19, 10-19.	0.7	1
87	Evaluation of the antifungal and antibacterial activities of crude extracts of three species of <i>Rigidoporus</i> (Basidiomycota, Polyporaceae) from Cameroon. The Journal of Phytopharmacology, 2020, 9, 246-251.	0.3	1
88	Cytotoxic and antimicrobial activities of new phytosteroids from the leaves of <i>Anonidium mannii</i> (Oliv.) Engl. & Diels (Annonaceae). South African Journal of Botany, 2022, 147, 628-635.	2.5	1
89	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
90	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

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91	Deciphering composition and connectivity of a natural product with the assistance of MS and 2D NMR. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2017, 73, 994-1002.	0.5	0
92	Synthesis and biological evaluation of 2-substituted vinylgembisphosphonates against <i>Plasmodium falciparum</i> and <i>Trypanosoma brucei</i> . <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2020, 195, 556-561.	1.6	0
93	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> -pyrazol-3-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021, 77, 200-203.		
94	Regular consumption of "Nkui", a Cameroonian traditional dish, may protect against cardiovascular and bone disorders in an estrogen deficiency condition. <i>Journal of Complementary and Integrative Medicine</i> , 2021, 18, 535-544.	0.9	0
95	Ethnobotanical survey, phytoconstituents and antibacterial investigation of <i>Rapanea melanophloeos</i> (L.) Mez. bark, fruit and leaf extracts. <i>ChemistrySelect</i> , 2023, 8, 1019-1044.	1.5	0
96	Synthesis of biologically active heterocyclic compounds from allenic and acetylenic nitriles and related compounds. <i>ChemistrySelect</i> , 2023, 8, 1233-1271.	1.5	0
97	Glycosides of polygalacic acid from the stem barks of <i>Piper guineense</i> Schum and Thonn. <i>Carbohydrate Research</i> , 2021, 507, 108374.	2.3	0
98	1 Traditional uses, biological activities, and phytochemicals of <i>Lecaniodiscus cupanioides</i> : a review. , 2021, , 1-18.		0
99	Deciphering composition and connectivity in a natural product with assistance of MS and two-dimensional NMR. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2017, 73, a313-a313.	0.1	0
100	Effect of <i>Senecio serratuloides</i> and its bioactive compound on hypertension. , 0, , .		0
101	Cholesterol-Based Conjugates: Synthesis, Characterization and In Vitro Biological Studies. <i>ChemistrySelect</i> , 2021, 6, 11985-11993.	1.5	0