

# Solomon Derese

## List of Publications by Year in descending order

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54  
papers

1,115  
citations

361413

20  
h-index

434195

31  
g-index

54  
all docs

54  
docs citations

54  
times ranked

1311  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anti-plasmodial flavonoids from the stem bark of <i>Erythrina abyssinica</i> . <i>Phytochemistry</i> , 2004, 65, 3029-3032.	2.9	93
2	Antibacterial activities and structure-activity relationships of a panel of 48 compounds from Kenyan plants against multidrug resistant phenotypes. <i>SpringerPlus</i> , 2016, 5, 901.	1.2	63
3	Anti-plasmodial activities and X-ray crystal structures of rotenoids from <i>Millettia usaramensis</i> subspecies <i>usaramensis</i> . <i>Phytochemistry</i> , 2003, 64, 773-779.	2.9	62
4	Flavonoids and Isoflavonoids with Antiplasmodial Activities from the Root Bark of <i>Erythrina abyssinica</i> . <i>Planta Medica</i> , 2003, 69, 658-661.	1.3	59
5	Antiplasmodial potential of traditional phytotherapy of some remedies used in treatment of malaria in Meru-Tharaka Nithi County of Kenya. <i>Journal of Ethnopharmacology</i> , 2015, 175, 315-323.	4.1	54
6	Antiplasmodial Flavonoids from <i>Erythrina saclexii</i> . <i>Planta Medica</i> , 2006, 72, 187-189.	1.3	53
7	Investigation of some medicinal plants traditionally used for treatment of malaria in Kenya as potential sources of antimalarial drugs. <i>Experimental Parasitology</i> , 2011, 127, 609-626.	1.2	45
8	Effect of rotenoids from the seeds of <i>Millettia dura</i> on larvae of <i>Aedes aegypti</i> . <i>Pest Management Science</i> , 2003, 59, 1159-1161.	3.4	40
9	Bioactive compounds from some Kenyan ethnomedicinal plants: Myrsinaceae, Polygonaceae and <i>Psiadia punctulata</i> . <i>Phytochemistry Reviews</i> , 2002, 1, 311-323.	6.5	38
10	Antiplasmodial 1 <sup>2</sup> -hydroxydihydrochalcone from seedpods of <i>Tephrosia elata</i> . <i>Phytochemistry Letters</i> , 2009, 2, 99-102.	1.2	34
11	Antiplasmodial potential of traditional antimalarial phytotherapy remedies used by the Kwale community of the Kenyan Coast. <i>Journal of Ethnopharmacology</i> , 2015, 170, 148-157.	4.1	34
12	Rotenoids, Flavonoids, and Chalcones from the Root Bark of <i>Millettia usaramensis</i> . <i>Journal of Natural Products</i> , 2015, 78, 2932-2939.	3.0	33
13	Evaluation of 1 <sup>2</sup> -Sitosterol Loaded PLGA and PEG-PLA Nanoparticles for Effective Treatment of Breast Cancer: Preparation, Physicochemical Characterization, and Antitumor Activity. <i>Pharmaceutics</i> , 2018, 10, 232.	4.5	33
14	Two unusual rotenoid derivatives, 7a-O-methyl-12a-hydroxydeguelol and spiro-13-homo-13-oxaelliptone, from the seeds of <i>Derris trifoliata</i> . <i>Phytochemistry</i> , 2006, 67, 988-991.	2.9	31
15	Antimicrobial flavonoids from the stem bark of <i>Erythrina burttii</i> . <i>Fytoterapia</i> , 2005, 76, 469-472.	2.2	30
16	Isoflavones and Rotenoids from the Leaves of <i>Millettia oblata</i> ssp. <i>teitensis</i> . <i>Journal of Natural Products</i> , 2017, 80, 2060-2066.	3.0	28
17	neo-Clerodane diterpenoids from the leaf exudate of <i>Dodonaea angustifolia</i> . <i>Phytochemistry Letters</i> , 2010, 3, 217-220.	1.2	26
18	Two prenylated flavonoids from the stem bark of <i>Erythrina burttii</i> . <i>Phytochemistry</i> , 2003, 63, 445-448.	2.9	25

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19	Antiplasmodial Quinones from <i>Pentas longiflora</i> and <i>Pentas lanceolata</i> . <i>Planta Medica</i> , 2012, 78, 31-35.	1.3	24
20	7a-O-methyldeguelol, a modified rotenoid with an open ring-C, from the roots of <i>Derris trifoliata</i> . <i>Phytochemistry</i> , 2005, 66, 653-657.	2.9	21
21	Antimicrobial and Antiparasitic Abietane Diterpenoids from the Roots of <i>Clerodendrum eriophyllum</i> . <i>Natural Product Communications</i> , 2010, 5, 1934578X1000500.	0.5	19
22	Silver-zinc oxide nanocomposite antiseptic from the extract of <i>Bidens pilosa</i> . <i>SN Applied Sciences</i> , 2019, 1, 1.	2.9	19
23	Management of type 2 diabetes mellitus by traditional medicine practitioners in Kenya-key informant interviews. <i>Pan African Medical Journal</i> , 2015, 22, 90.	0.8	18
24	4-Prenyloxyderrone from the stem bark of <i>Millettia oblata</i> ssp. <i>teitensis</i> and the antiplasmodial activities of isoflavones from some <i>Millettia</i> species. <i>Phytochemistry Letters</i> , 2014, 8, 69-72.	1.2	17
25	Anti-inflammatory steroidal sapogenins and a conjugated chalcone-stilbene from <i>Dracaena usambarensis</i> Engl. <i>FÄ-toterapÄ-Äç</i> , 2020, 146, 104717.	2.2	16
26	Two new flavonoids from <i>Dracaena usambarensis</i> Engl.. <i>Phytochemistry Letters</i> , 2020, 36, 80-85.	1.2	16
27	Anti-inflammatory Flavanones and Flavones from <i>Tephrosia linearis</i> . <i>Journal of Natural Products</i> , 2020, 83, 996-1004.	3.0	15
28	Alkenyl cyclohexanone derivatives from <i>Lanea rivae</i> and <i>Lanea schweinfurthii</i> . <i>Phytochemistry Letters</i> , 2018, 23, 141-148.	1.2	14
29	Pterocarpan and isoflavones from the root bark of <i>Millettia micans</i> and of <i>Millettia dura</i> . <i>Phytochemistry Letters</i> , 2017, 21, 216-220.	1.2	12
30	6-Hydroxy-1-toxicarol and (+)-tephrodin with antiplasmodial activities from <i>Tephrosia</i> species. <i>Phytochemistry Letters</i> , 2014, 10, 179-183.	1.2	11
31	Antiplasmodial prenylated flavanonols from <i>Tephrosia subtriflora</i> . <i>Natural Product Research</i> , 2018, 32, 1407-1414.	1.8	11
32	Flavonoids and Isoflavonoids of <i>Millettia dura</i> and <i>Millettia ferruginea</i> : Phytochemical review and chemotaxonomic values. <i>Biochemical Systematics and Ecology</i> , 2020, 91, 104053.	1.3	11
33	Four isoflavanones from the stem bark of <i>Platycelphium voÄnse</i> . <i>Phytochemistry Letters</i> , 2012, 5, 150-154.	1.2	10
34	Antiplasmodial and antileishmanial flavonoids from <i>Mundulea sericea</i> . <i>FÄ-toterapÄ-Äç</i> , 2021, 149, 104796.	2.2	8
35	Solar Driven Photocatalytic Activity of Porphyrin Sensitized TiO <sub>2</sub> : Experimental and Computational Studies. <i>Molecules</i> , 2021, 26, 3131.	3.8	8
36	In vitro anti-HIV and cytotoxic effects of pure compounds isolated from <i>Croton macrostachyus</i> Hochst. Ex Delile. <i>BMC Complementary Medicine and Therapies</i> , 2022, 22, .	2.7	8

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37	Constituents of <i>Croton megalocarpus</i> with Potential Anti-HIV Activity. <i>Journal of Natural Products</i> , 2022, 85, 1861-1866.	3.0	8
38	Crystal Structures and Cytotoxicity of ent-Kaurane-Type Diterpenoids from Two <i>Aspilia</i> Species. <i>Molecules</i> , 2018, 23, 3199.	3.8	7
39	Antileishmanial and cytotoxic activity of secondary metabolites from <i>Tabernaemontana ventricosa</i> and two <i>aloe</i> species. <i>Natural Product Research</i> , 2022, 36, 1365-1369.	1.8	7
40	Inhibition of Proinflammatory Cytokine Release by Flavones and Flavanones from the Leaves of <i>Dracaena steudneri</i> Engl.. <i>Planta Medica</i> , 2021, 87, 209-217.	1.3	7
41	In Vitro Cytotoxicity and Anti-HIV Activity of Crude Extracts of <i>Croton macrostachyus</i> , <i>Croton megalocarpus</i> and <i>Croton dichogamus</i> . <i>Journal of Experimental Pharmacology</i> , 2021, Volume 13, 971-979.	3.2	7
42	A new isoflavone from stem bark of <i>Millettia dura</i> . <i>Bulletin of the Chemical Society of Ethiopia</i> , 2003, 17, 113.	1.1	6
43	Cytotoxicity of isoflavones from <i>Millettia dura</i> . <i>Natural Product Research</i> , 2021, 35, 2744-2747.	1.8	6
44	Synergistic anti-inflammatory activities of a new flavone and other flavonoids from <i>Tephrosia hildebrandtii</i> vatke. <i>Natural Product Research</i> , 2021, 35, 4486-4493.	1.8	6
45	Antiplasmodial Activity of Compounds from the Surface Exudates of <i>Senecio roseiflorus</i> . <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.5	4
46	Cytotoxic flavonoids from the seeds of <i>Dracaena steudneri</i> Engl against leukemia cancer cell lines. <i>Phytomedicine Plus</i> , 2022, 2, 100234.	2.0	4
47	Antiplasmodial activity of compounds from the surface exudates of <i>Senecio roseiflorus</i> . <i>Natural Product Communications</i> , 2013, 8, 175-6.	0.5	4
48	Isoflavones from the seedpods of <i>Tephrosia vogelii</i> and pyrazoisopongaflavone with anti-inflammatory effects. <i>FÄ-toterapÄ-Äç</i> , 2020, 146, 104695.	2.2	3
49	Cytotoxicity and anti-HIV activities of extracts of the twigs of <i>Croton dichogamus</i> Pax. <i>BMC Complementary Medicine and Therapies</i> , 2022, 22, 49.	2.7	3
50	Synthesis, photophysical properties and photodynamic antimicrobial activity of meso-5,10,15,20-tetra(pyren-1-yl)porphyrin and its indium(III) complex. <i>Journal of Porphyrins and Phthalocyanines</i> , 2021, 25, 794-799.	0.8	2
51	A coumestan and a coumaronochromone from <i>Millettia lasiantha</i> . <i>Biochemical Systematics and Ecology</i> , 2021, 97, 104277.	1.3	1
52	Antiplasmodial, Cytotoxicity and Phytochemical Constituents of Four <i>Maytenus</i> Species Used in Traditional Medicine in Kenya. <i>Natural Products Journal</i> , 2017, 7, 144-152.	0.3	1
53	A new C-linked benzophenathridine-2-quinoline dimer, and the antiplasmodial activity of alkaloids from <i>Zanthoxylum holstianum</i> . <i>Natural Product Research</i> , 2022, , 1-11.	1.8	0
54	A new $\beta$ -hydroxydihydrochalcone from <i>Tephrosia uniflora</i> , and the revision of three $\beta$ -hydroxydihydrochalcones to flavanones. <i>FÄ-toterapÄ-Äç</i> , 2022, 158, 105166.	2.2	0