

Sebsebe Demissew

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

3,181
citations

361413

20
h-index

161849

54
g-index

67
all docs

67
docs citations

67
times ranked

5376
citing authors

#	ARTICLE	IF	CITATIONS
1	The IPBES Conceptual Framework “connecting nature and people. <i>Current Opinion in Environmental Sustainability</i> , 2015, 14, 1-16.	6.3	1,658
2	A Rosetta Stone for Nature’s Benefits to People. <i>PLoS Biology</i> , 2015, 13, e1002040.	5.6	177
3	Resilience potential of the Ethiopian coffee sector under climate change. <i>Nature Plants</i> , 2017, 3, 17081.	9.3	145
4	Enset in Ethiopia: a poorly characterized but resilient starch staple. <i>Annals of Botany</i> , 2019, 123, 747-766.	2.9	119
5	Conservation of the Ethiopian church forests: Threats, opportunities and implications for their management. <i>Science of the Total Environment</i> , 2016, 551-552, 404-414.	8.0	93
6	Diversifying crops for food and nutrition security - a case of teff. <i>Biological Reviews</i> , 2017, 92, 188-198.	10.4	83
7	Evolutionary history and leaf succulence as explanations for medicinal use in aloes and the global popularity of <i>Aloe vera</i> . <i>BMC Evolutionary Biology</i> , 2015, 15, 29.	3.2	79
8	Middle Stone Age foragers resided in high elevations of the glaciated Bale Mountains, Ethiopia. <i>Science</i> , 2019, 365, 583-587.	12.6	79
9	World Flora Online: Placing taxonomists at the heart of a definitive and comprehensive global resource on the world's plants. <i>Taxon</i> , 2020, 69, 1311-1341.	0.7	58
10	Floristic diversity in fragmented Afromontane rainforests: Altitudinal variation and conservation importance. <i>Applied Vegetation Science</i> , 2010, 13, 291-304.	1.9	56
11	Enset-based agricultural systems in Ethiopia: A systematic review of production trends, agronomy, processing and the wider food security applications of a neglected banana relative. <i>Plants People Planet</i> , 2020, 2, 212-228.	3.3	52
12	Plant and fungal collections: Current status, future perspectives. <i>Plants People Planet</i> , 2020, 2, 499-514.	3.3	38
13	An ethnobotanical study of medicinal plants in Sheka Zone of Southern Nations Nationalities and Peoples Regional State, Ethiopia. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2020, 16, 7.	2.6	38
14	In vitro antimicrobial activity of plants used in traditional medicine in Gurage and Silti Zones, south central Ethiopia. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 286.	3.7	32
15	Plant diversity and regeneration in a disturbed isolated dry Afromontane forest in northern Ethiopia. <i>Folia Geobotanica</i> , 2016, 51, 115-127.	0.9	30
16	Medicinal plant use practice in four ethnic communities (Gurage, Mareqo, Qebena, and Silti), south central Ethiopia. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2020, 16, 27.	2.6	29
17	Future land use management effects on ecosystem services under different scenarios in the Wabe River catchment of Gurage Mountain chain landscape, Ethiopia. <i>Sustainability Science</i> , 2019, 14, 175-190.	4.9	28
18	The Floristic Composition of the Menagesha State Forest and the Need to Conserve Such Forests in Ethiopia. <i>Mountain Research and Development</i> , 1988, 8, 243.	1.0	26

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19	Genetic diversity and population structure of Guinea yams and their wild relatives in South and South West Ethiopia as revealed by microsatellite markers. <i>Genetic Resources and Crop Evolution</i> , 2013, 60, 529-541.	1.6	26
20	Elevational changes in vascular plants richness, diversity, and distribution pattern in Abune Yosef mountain range, Northern Ethiopia. <i>Plant Diversity</i> , 2019, 41, 220-228.	3.7	26
21	Current and Future Fire Regimes and Their Influence on Natural Vegetation in Ethiopia. <i>Ecosystems</i> , 2016, 19, 369-386.	3.4	25
22	Botanical Monography in the Anthropocene. <i>Trends in Plant Science</i> , 2021, 26, 433-441.	8.8	23
23	Woody species composition and structure of Kuandisha afro-montane forest fragment in northwestern Ethiopia. <i>Journal of Forestry Research</i> , 2017, 28, 343-355.	3.6	20
24	Relationships between topographic factors, soil and plant communities in a dry Afromontane forest patches of Northwestern Ethiopia. <i>PLoS ONE</i> , 2021, 16, e0247966.	2.5	18
25	Ethnobotanical study of forage/fodder plant species in and around the semi-arid Awash National Park, Ethiopia. <i>Journal of Forestry Research</i> , 2014, 25, 445-454.	3.6	15
26	An iconic traditional apiculture of park fringe communities of Borena Sayint National Park, north eastern Ethiopia. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2015, 11, 65.	2.6	13
27	Diversity and endemism of the flora of Ethiopia and Eritrea: state of knowledge and future perspectives. <i>Rendiconti Lincei</i> , 2021, 32, 675-697.	2.2	13
28	Elevation patterns of woody taxa richness in the evergreen Afromontane vegetation of Ethiopia. <i>Journal of Forestry Research</i> , 2017, 28, 787-793.	3.6	12
29	Evolutionary diversification of the African achyranthoid clade (Amaranthaceae) in the context of sterile flower evolution and epizoochory. <i>Annals of Botany</i> , 2018, 122, 69-85.	2.9	12
30	The transitional semi-evergreen bushland in Ethiopia: characterization and mapping of its distribution using predictive modelling. <i>Applied Vegetation Science</i> , 2016, 19, 355-367.	1.9	11
31	Phenotypic diversity of enset (<i>Ensete ventricosum</i> (Welw.) Cheesman) landraces used in traditional medicine. <i>Genetic Resources and Crop Evolution</i> , 2019, 66, 1761-1772.	1.6	11
32	The landscape of microsatellites in the enset (<i>Ensete ventricosum</i>) genome and web-based marker resource development. <i>Scientific Reports</i> , 2020, 10, 15312.	3.3	11
33	Biodiversity and patents: Overview of plants and fungi covered by patents. <i>Plants People Planet</i> , 2020, 2, 546-556.	3.3	10
34	Ethno-medicinal and bio-cultural importance of aloes from south and east of the Great Rift Valley floristic regions of Ethiopia. <i>Heliyon</i> , 2020, 6, e04344.	3.2	10
35	Spatial characterization and distribution modelling of <i>Ensete ventricosum</i> (wild and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5	3.5	10
36	Phylogeography of the wild and cultivated stimulant plant qat (<i>Catha edulis</i> , Celastraceae) in areas of historical cultivation. <i>American Journal of Botany</i> , 2017, 104, 538-549.	1.7	9

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37	Anthropogenic effects on floristic composition, diversity and regeneration potential of the Debrelibanos Monastery forest patch, central Ethiopia. <i>Journal of Forestry Research</i> , 2019, 30, 2151-2161.	3.6	8
38	Extinction risk and conservation gaps for Aloe (Asphodelaceae) in the Horn of Africa. <i>Biodiversity and Conservation</i> , 2020, 29, 77-98.	2.6	8
39	Exploring the multiple contributions of enset (<i>Ensete ventricosum</i>) for sustainable management of home garden agroforestry system in Ethiopia. <i>Current Research in Environmental Sustainability</i> , 2021, 3, 100101.	3.5	8
40	Two distinctive new species of <i>Commicarpus</i> (Nyctaginaceae) from gypsum outcrops in eastern Ethiopia. <i>Kew Bulletin</i> , 2016, 71, 1.	0.9	7
41	Characterization and mapping of enset-based home-garden agroforestry for sustainable landscape management of the Gurage socioecological landscape in Ethiopia. <i>Environmental Science and Pollution Research</i> , 2022, 29, 24894-24910.	5.3	7
42	Uses and perceived sustainability of Aloe L. (Asphodelaceae) in the central and northern Highlands of Ethiopia. <i>South African Journal of Botany</i> , 2022, 147, 1042-1050.	2.5	6
43	The Genetic Diversity of Enset (<i>Ensete ventricosum</i>) Landraces Used in Traditional Medicine Is Similar to the Diversity Found in Non-medicinal Landraces. <i>Frontiers in Plant Science</i> , 2021, 12, 756182.	3.6	6
44	Impact of conservation management on land change: a case study in Guassa Community Conservation Area for the last 31 years (1986–2015). <i>Modeling Earth Systems and Environment</i> , 2019, 5, 1495-1504.	3.4	5
45	The Gerire Hills, a SE Ethiopian outpost of the transitional semi-evergreen bushland: vegetation, endemism and three new species, <i>Croton elkerensis</i> (Euphorbiaceae), <i>Gnidia elkerensis</i> (Thymelaeaceae), and <i>Plectranthus spananthus</i> (Lamiaceae). <i>Webbia</i> , 2018, 73, 203-223.	0.3	4
46	Floristic diversity and composition of the Biteyu forest in the Gurage mountain chain (Ethiopia): implications for forest conservation. <i>Journal of Forestry Research</i> , 2019, 30, 319-335.	3.6	4
47	<i>Kalanchoe hypseloleuce</i> (Crassulaceae), a new species from eastern Ethiopia, with notes on its habitat. <i>Kew Bulletin</i> , 2017, 72, 1.	0.9	3
48	Making nomenclature governance more inclusive through virtual attendance and electronic voting at the Nomenclature Section of an International Botanical Congress. <i>Taxon</i> , 2017, 66, 704-707.	0.7	2
49	Species composition, structure, regeneration and management status of Jorgo-Wato Forest in west Wollega, Ethiopia. <i>Journal of Forestry Research</i> , 2022, 33, 137-145.	3.6	2
50	(127–135) Proposals to add new Provisions and Recommendations to Division III of the International Code of Nomenclature for algae, fungi, and plants related to virtual participation in the Nomenclature Section. <i>Taxon</i> , 2021, 70, 1397-1398.	0.7	2
51	Report of the Special Purpose Committee on Virtual Participation in the Nomenclature Section. <i>Taxon</i> , 2021, 70, 1399-1401.	0.7	2
52	<i>Commiphora oddurensis</i> Chiov. and <i>C. suffruticosa</i> Teshome (Burseraceae): taxonomy, distribution, ecology and conservation status. <i>Webbia</i> , 2013, 68, 133-145.	0.3	1
53	A new species of <i>Leucas</i> , <i>L. gypsicola</i> (Lamiaceae), from gypsum outcrops in eastern Ethiopia. <i>Kew Bulletin</i> , 2018, 73, 1.	0.9	1
54	Acute oral toxicity test from leaf exudates of 17 Aloe species from East and South of the Great Rift Valley in Ethiopia. <i>Advances in Traditional Medicine</i> , 2020, , 1.	2.0	1

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55	Terminalia (Combretaceae) in northern tropical Africa: Priority and typification of <i>T. schimperiana</i> and <i>T. glaucescens</i> ; typification of other synonyms of <i>T. schimperiana</i> and of <i>T. avicennioides</i> . <i>Taxon</i> , 2020, 69, 372-380.	0.7	1
56	Phenology of the Alien Invasive Plant Species <i>Prosopis juliflora</i> in Arid and Semi-Arid Areas in Response to Climate Variability and Some Perspectives for Its Control in Ethiopia. <i>Polish Journal of Ecology</i> , 2020, 68, 37.	0.2	1
57	The Gerire Hills, SE Ethiopia: ecology and phytogeographical position of an additional local endemic, <i>Anacampseros specksii</i> (Anacampserotaceae). <i>Webbia</i> , 2019, 74, 185-192.	0.3	0
58	Clonal Diversity, Cultivar Traits, Geographic Dispersal, and the Ethnotaxonomy of Cultivated Qat (<i>Catha edulis</i> , Celastraceae). <i>Economic Botany</i> , 2020, 74, 273-291.	1.7	0
59	Herbal medicine used by the community of Koneba district in Afar Regional State, Northeastern Ethiopia. <i>African Health Sciences</i> , 2021, 21, 410-7.	0.7	0
60	Boost for Africa's research must protect its biodiversity. <i>Nature</i> , 2021, 597, 31-31.	27.8	0
61	Field guide to the (wetter) Zambian miombo woodland. <i>Annals of Botany</i> , 2021, 127, v-v.	2.9	0
62	Molecular Phylogeny of Ethiopian <i>Artemisia</i> (Asteraceae) Species Based on Nuclear External Transcribed Spacer (ETS) and Internal Transcribed Spacer (ITS). <i>Phytotaxa</i> , 2022, 548, 51-62.	0.3	0