Tinde van Andel

List of Publications by Year in descending order

126 papers	5,145 citations	136950 32 h-index	102487 66 g-index
137 all docs	137 docs citations	137 times ranked	7329 citing authors

#	Article	IF	Citations
1	Hyperdominance in the Amazonian Tree Flora. Science, 2013, 342, 1243092.	12.6	873
2	Persistent effects of pre-Columbian plant domestication on Amazonian forest composition. Science, 2017, 355, 925-931.	12.6	443
3	A spatial model of tree Î±-diversity and tree density for the Amazon. Biodiversity and Conservation, 2003, 12, 2255-2277.	2.6	348
4	An analysis of the floristic composition and diversity of Amazonian forests including those of the Guiana Shield. Journal of Tropical Ecology, 2000, 16, 801-828.	1.1	300
5	Markedly divergent estimates of <scp>A</scp>mazon forest carbon density from ground plots and satellites. Global Ecology and Biogeography, 2014, 23, 935-946.	5.8	248
6	Ghana's herbal market. Journal of Ethnopharmacology, 2012, 140, 368-378.	4.1	131
7	Estimating the global conservation status of more than 15,000 Amazonian tree species. Science Advances, 2015, 1, e1500936.	10.3	122
8	Recommended standards for conducting and reporting ethnopharmacological field studies. Journal of Ethnopharmacology, 2018, 210, 125-132.	4.1	120
9	Species Distribution Modelling: Contrasting presence-only models with plot abundance data. Scientific Reports, 2018, 8, 1003.	3.3	113
10	Collection and trade of wild-harvested orchids in Nepal. Journal of Ethnobiology and Ethnomedicine, 2013, 9, 64.	2.6	111
11	ScientistsÊ¼ Warning on Climate Change and Medicinal Plants. Planta Medica, 2020, 86, 10-18.	1.3	85
12	Panâ€tropical prediction of forest structure from the largest trees. Global Ecology and Biogeography, 2018, 27, 1366-1383.	5.8	78
13	Why Surinamese migrants in the Netherlands continue to use medicinal herbs from their home country. Journal of Ethnopharmacology, 2010, 127, 694-701.	4.1	75
14	Use and management of traditional medicinal plants by Maale and Ari ethnic communities in southern Ethiopia. Journal of Ethnobiology and Ethnomedicine, 2014, 10, 46.	2.6	73
15	Why Urban Citizens in Developing Countries Use Traditional Medicines: The Case of Suriname. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-13.	1.2	71
16	Reshaping the future of ethnobiology research after the COVID-19 pandemic. Nature Plants, 2020, 6, 723-730.	9.3	68
17	Sustainability aspects of commercial medicinal plant harvesting in Suriname. Forest Ecology and Management, 2008, 256, 1540-1545.	3.2	64
18	Quantifying the domestic market in herbal medicine in Benin, West Africa. Journal of Ethnopharmacology, 2014, 151, 1100-1108.	4.1	59

#	Article	IF	Citations
19	The Medicinal Plant Trade in Suriname. Ethnobotany Research and Applications, 0, 5, 351.	0.6	58
20	Forest-related partnerships in Brazilian Amazonia: There is more to sustainable forest management than reduced impact logging. Forest Ecology and Management, 2008, 256, 1482-1497.	3.2	58
21	African Rice (Oryza glaberrima Steud.): Lost Crop of the Enslaved Africans Discovered in Suriname1. Economic Botany, 2010, 64, 1-10.	1.7	53
22	Biased-corrected richness estimates for the Amazonian tree flora. Scientific Reports, 2020, 10, 10130.	3.3	53
23	Prioritizing West African medicinal plants for conservation and sustainable extraction studies based on market surveys and species distribution models. Biological Conservation, 2015, 181, 173-181.	4.1	52
24	Ritual uses of palms in traditional medicine in sub-Saharan Africa: a review. Journal of Ethnobiology and Ethnomedicine, 2014, 10, 60.	2.6	50
25	Bathe the baby to make it strong and healthy: Plant use and child care among Saramaccan Maroons in Suriname. Journal of Ethnopharmacology, 2009, 121, 148-170.	4.1	46
26	Medicinal plants used for menstrual disorders in Latin America, the Caribbean, sub-Saharan Africa, South and Southeast Asia and their uterine properties: A review. Journal of Ethnopharmacology, 2014, 155, 992-1000.	4.1	46
27	In search of the perfect aphrodisiac: Parallel use of bitter tonics in West Africa and the Caribbean. Journal of Ethnopharmacology, 2012, 143, 840-850.	4.1	43
28	Volume, value and floristic diversity of Gabon×³s medicinal plant markets. Journal of Ethnopharmacology, 2014, 155, 1184-1193.	4.1	43
29	The diverse uses of fish-poison plants in Northwest Guyana. Economic Botany, 2000, 54, 500-512.	1.7	40
30	Dry sex in Suriname. Journal of Ethnopharmacology, 2008, 116, 84-88.	4.1	40
31	Local plant names reveal that enslaved Africans recognized substantial parts of the New World flora. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E5346-53.	7.1	40
32	Famine food of vegetal origin consumed in the Netherlands during World War II. Journal of Ethnobiology and Ethnomedicine, 2017, 13, 63.	2.6	40
33	Traditional Medicine and Childcare in Western Africa: Mothersâ€™ Knowledge, Folk Illnesses, and Patterns of Healthcare-Seeking Behavior. PLoS ONE, 2014, 9, e105972.	2.5	40
34	The â€˜Botanical Gardens of the Dispossessedâ€™ revisited: richness and significance of Old World crops grown by Suriname Maroons. Genetic Resources and Crop Evolution, 2016, 63, 695-710.	1.6	37
35	Wild plants, pregnancy, and the food-medicine continuum in the southern regions of Ghana and Benin. Journal of Ethnopharmacology, 2016, 179, 375-382.	4.1	32
36	Tracing ancestor rice of Suriname Maroons back to its African origin. Nature Plants, 2016, 2, 16149.	9.3	31

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37	Ethnobotanical notes from Daniel Rolander's Diarium Surinamicum (1754â€“1756): Are these plants still used in Suriname today?. Taxon, 2012, 61, 852-863.	0.7	29
38	Breaking the silence of the 500-year-old smiling garden of everlasting flowers: The En Tibi book herbarium. PLoS ONE, 2019, 14, e0217779.	2.5	28
39	Rarity of monodominance in hyperdiverse Amazonian forests. Scientific Reports, 2019, 9, 13822.	3.3	28
40	Amazon tree dominance across forest strata. Nature Ecology and Evolution, 2021, 5, 757-767.	7.8	27
41	Vernacular dominance in folk taxonomy: a case study of ethnospecies in medicinal plant trade in Tanzania. Journal of Ethnobiology and Ethnomedicine, 2015, 11, 10.	2.6	26
42	Evidence of a link between taboos and sacrifices and resource scarcity of ritual plants. Journal of Ethnobiology and Ethnomedicine, 2015, 11, 5.	2.6	26
43	High-throughput sequencing of African chikanda cake highlights conservation challenges in orchids. Biodiversity and Conservation, 2017, 26, 2029-2046.	2.6	26
44	Ethnoveterinary medicinal plants used by the Maale and Ari ethnic communities in southern Ethiopia. Journal of Ethnopharmacology, 2014, 153, 274-282.	4.1	25
45	The Use of Hemiepiphytes as Craft Fibres by Indigenous Communities in the Colombian Amazon. Ethnobotany Research and Applications, 0, 3, 243.	0.6	24
46	The forgotten Hermann Herbarium: A 17th century collection of useful plants from Suriname. Taxon, 2012, 61, 1296-1304.	0.7	23
47	Hidden Rice Diversity in the Guianas. Frontiers in Plant Science, 2019, 10, 1161.	3.6	23
48	DNA barcoding augments conventional methods for identification of medicinal plant species traded at Tanzanian markets. Journal of Ethnopharmacology, 2020, 250, 112495.	4.1	23
49	A quantitative assessment of the vegetation types on the island of St. Eustatius, Dutch Caribbean. Global Ecology and Conservation, 2016, 7, 59-69.	2.1	21
50	â€œThe medicine from behindâ€: The frequent use of enemas in western African traditional medicine. Journal of Ethnopharmacology, 2015, 174, 637-643.	4.1	19
51	Literary evidence for taro in the ancient Mediterranean: A chronology of names and uses in a multilingual world. PLoS ONE, 2018, 13, e0198333.	2.5	19
52	From Bush Mangoes to Bouillon Cubes: Wild Plants and Diet among the Baka, Forager-Horticulturalists from Southeast Cameroon. Economic Botany, 2020, 74, 46-58.	1.7	19
53	Comparing local perspectives on womenâ€™s health with statistics on maternal mortality: an ethnobotanical study in BÃ©nin and Gabon. BMC Complementary and Alternative Medicine, 2014, 14, 113.	3.7	18
54	Ethnobotany of the Sierra Nevada del Cocuy-GÃ¼icÃ¡n: climate change and conservation strategies in the Colombian Andes. Journal of Ethnobiology and Ethnomedicine, 2018, 14, 34.	2.6	18

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55	The pre-Linnaean herbarium of Paolo Boccone (1633â€“1704) kept in Leiden (the Netherlands) and its connections with the imprinted one in Paris. Plant Biosystems, 2018, 152, 489-500.	1.6	17
56	Origins and geographic diversification of African rice (Oryza glaberrima). PLoS ONE, 2019, 14, e0203508.	2.5	17
57	Ethnobotany of Wild and Semi-Wild Edible Fruit Species used by Maale and Ari Ethnic Communities in Southern Ethiopia. Ethnobotany Research and Applications, 0, 12, 455.	0.6	17
58	The En Tibi herbarium, a 16th century Italian treasure. Botanical Journal of the Linnean Society, 2018, 187, 397-427.	1.6	16
59	Consequences of the Trans-Atlantic Slave Trade on Medicinal Plant Selection: Plant Use for Cultural Bound Syndromes Affecting Children in Suriname and Western Africa. PLoS ONE, 2014, 9, e112345.	2.5	15
60	The use of Amerindian charm plants in the Guianas. Journal of Ethnobiology and Ethnomedicine, 2015, 11, 66.	2.6	14
61	Wild and semi-wild leafy vegetables used by the Maale and Ari ethnic communities in southern Ethiopia. Genetic Resources and Crop Evolution, 2015, 62, 221-234.	1.6	14
62	Why ritual plant use has ethnopharmacological relevance. Journal of Ethnopharmacology, 2016, 188, 48-56.	4.1	14
63	What Makes a Plant Magical? Symbolism and Sacred Herbs in Afro-Surinamese Winti Rituals. , 2013, , 247-284.		13
64	Patterns in medicinal plant knowledge and use in a Maroon village in Suriname. Journal of Ethnopharmacology, 2016, 189, 319-330.	4.1	13
65	Indigenous Childrenâ€™s Knowledge About Non-timber Forest Products in Suriname. Economic Botany, 2017, 71, 361-373.	1.7	13
66	Drivers of Management of Spider Plant (Gynandropsis gynandra) Across Different Socio-linguistic Groups in Benin and Togo. Economic Botany, 2018, 72, 411-435.	1.7	13
67	Evidence in support of the role of disturbance vegetation for womenâ€™s health and childcare in Western Africa. Journal of Ethnobiology and Ethnomedicine, 2014, 10, 42.	2.6	12
68	Quantitative market survey of non-woody plants sold at Kariakoo Market in Dar es Salaam, Tanzania. Journal of Ethnopharmacology, 2018, 222, 280-287.	4.1	12
69	Sustainability issues of commercial non-timber forest product extraction in West Suriname. Journal of Ethnobiology and Ethnomedicine, 2018, 14, 44.	2.6	12
70	Plant Knowledge in the Historia Naturalis Brasiliae (1648): Retentions of Seventeenth-Century Plant Use in Brazil. Economic Botany, 2019, 73, 390-404.	1.7	12
71	What drives the vital rates of secondary hemiepiphytes? A first assessment for three species of Heteropsis (Araceae) in the Colombian Amazon. Journal of Tropical Ecology, 2015, 31, 251-265.	1.1	11
72	Vegetation associations and relative abundance of rodents on St. Eustatius, Caribbean Netherlands. Global Ecology and Conservation, 2019, 20, e00743.	2.1	11

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73	The history of the rice gene pool in Suriname: circulations of rice and people from the eighteenth century until late twentieth century. Historia Agraria, 2018, 75, 69-91.	0.2	11
74	The Quest for a Suitable Host: Size Distributions of Host Trees and Secondary Hemiepiphytes Search Strategy. Biotropica, 2012, 44, 19-26.	1.6	10
75	Impacts of the diversity of traditional uses and potential economic value on food tree species conservation status: case study of African bush mango trees (Irvingiaceae) in the Dahomey Gap (West) Tj ETQq1 1 0.784314 rgBT /Ov	0.7	10
76	The Trade in African Medicinal Plants in Matonge-Ixelles, Brussels (Belgium). Economic Botany, 2016, 70, 405-415.	1.7	10
77	From landraces to modern cultivars: field observations on taro Colocasia esculenta (L.) Schott in sub-Saharan Africa. Genetic Resources and Crop Evolution, 2018, 65, 1809-1828.	1.6	10
78	Comparing Apples and Pears: the Hidden Diversity of Central African Bush Mangoes (Irvingiaceae). Economic Botany, 2020, 74, 178-194.	1.7	10
79	A Rapid Sustainability Assessment of Wild Plant Extraction on the Dutch Caribbean Island of St. Eustatius. Economic Botany, 2016, 70, 320-331.	1.7	9
80	The Cultural Importance of Plants in Western African Religions. Economic Botany, 2018, 72, 251-262.	1.7	9
81	Patent analysis as a novel method for exploring commercial interest in wild harvested species. Biological Conservation, 2020, 243, 108454.	4.1	9
82	Geopolitics of bitterness: Deciphering the history and cultural biogeography of Quassia amara L. Journal of Ethnopharmacology, 2021, 267, 113546.	4.1	9
83	Mediterranean aromatic herbs and their culinary use. , 2021, , 93-121.		9
84	Looking beyond history: tracing the dispersal of the Malaysian complex of crops to Africa. American Journal of Botany, 2022, 109, 193-208.	1.7	9
85	The Reinvention of Household Medicine by Enslaved Africans in Suriname. Social History of Medicine, 2016, 29, 676-694.	0.2	8
86	Bryophytes and lichens in 16th-century herbaria. Journal of Bryology, 2018, 40, 99-106.	1.2	8
87	Trade in Zambian Edible Orchidsâ€"DNA Barcoding Reveals the Use of Unexpected Orchid Taxa for Chikanda. Genes, 2018, 9, 595.	2.4	8
88	Botanical and floristic composition of the Historical Herbarium of Leonhard Rauwolf collected in the Near East (1573Â1575). Taxon, 2018, 67, 565-580.	0.7	8
89	A social-ecological perspective on ecosystem vulnerability for the invasive creeper coralita (Antigonon leptopus) in the Caribbean: A review. Global Ecology and Conservation, 2019, 18, e00605.	2.1	8
90	A comparative study of aged and contemporary Chinese herbal materials by using delayed luminescence technique. Chinese Medicine, 2020, 15, 6.	4.0	8

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91	Icones Plantarum Malabaricarum: Early 18th century botanical drawings of medicinal plants from colonial Ceylon. Journal of Ethnopharmacology, 2018, 222, 11-20.	4.1	7
92	African Names for American Plants. American Scientist, 2015, 103, 268.	0.1	7
93	Herbal bathing: an analysis of variation in plant use among Saramaccan and Aucan Maroons in Suriname. Journal of Ethnobiology and Ethnomedicine, 2018, 14, 20.	2.6	6
94	Analysis of historical changes in traditional Chinese medicine based on an Indonesian collection of Chinese materia medica from c. 1870. Journal of Ethnopharmacology, 2021, 269, 113714.	4.1	6
95	Sixteenth-century tomatoes in Europe: who saw them, what they looked like, and where they came from. PeerJ, 2022, 10, e12790.	2.0	6
96	The typification of two Linnaean plant names based on illustrations published by Leonhard Rauwolf in 1583. Taxon, 2017, 66, 1204-1207.	0.7	5
97	Paul Hermannâ€™s Ceylon Herbarium (1672â€“1679) at Leiden, the Netherlands. Taxon, 2018, 67, 977-988.	0.7	5
98	Food and Medicine by What Name? Ethnobotanical and Linguistic Diversity of Taro in Africa. Economic Botany, 2018, 72, 217-228.	1.7	5
99	Marcgrave and Piso's plants for sale: The presence of plant species and names from the Historia Naturalis Brasiliae (1648) in contemporary Brazilian markets. Journal of Ethnopharmacology, 2020, 259, 112911.	4.1	5
100	Alcohol, drugs and sexual abuse in Cameroon's rainforest. Social Science and Medicine, 2021, 277, 113929.	3.8	5
101	The early book herbaria of Leonhard Rauwolf (S. France and N. Italy, 1560â€“1563): new light on a plant collection from the â€˜golden age of botanyâ€™. Rendiconti Lincei, 2021, 32, 449-461.	2.2	5
102	Revisiting traditional Chinese materia medica from European historical collections and perspective for current use. Journal of Traditional and Complementary Medicine, 2022, 12, 206-216.	2.7	5
103	Quantifying an online wildlife trade using a web crawler. Biodiversity and Conservation, 2022, 31, 855-869.	2.6	5
104	Traditional preparation of Achu, a cultural keystone dish in western Cameroon. International Journal of Gastronomy and Food Science, 2018, 13, 25-28.	3.0	4
105	Lost Grains and Forgotten Vegetables from Japan: the Seikei Zusetsu Agricultural Catalog (1793â€“1804). Economic Botany, 2019, 73, 375-389.	1.7	3
106	The importance of choosing appropriate methods for assessing wild food plant knowledge and use: A case study among the Baka in Cameroon. PLoS ONE, 2021, 16, e0247108.	2.5	3
107	Whatâ€™s in a name? Revisiting medicinal and religious plants at an Amazonian market. Journal of Ethnobiology and Ethnomedicine, 2021, 17, 9.	2.6	2
108	Commercialization of Aframomum spp. in Africa: a Systematic Review of Literature and Supporting Botanical Vouchers. Economic Botany, 2021, 75, 76-91.	1.7	2

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109	African elements in Saramaccan Maroon plant names in Suriname. Botany, 0, , .	1.0	2
110	Looking into the flora of Dutch Brazil: botanical identifications of seventeenth century plant illustrations in the Libri Picturati. Scientific Reports, 2021, 11, 19736.	3.3	2
111	The legacy of traditional rice cultivation by descendants of Indian contract laborers in Suriname. Journal of Ethnobiology and Ethnomedicine, 2021, 17, 60.	2.6	2
112	Our children do not have time anymore to learn about medicinal plants: How an ethnobotanical school assignment can contribute to the conservation of Saramaccan Maroon traditional knowledge. , 2019, 18, .		2
113	Mediterranean specimens of the Prussian Botanist Jacob Breyne (1637â€“1697) in the Van Royen Herbarium, Leiden, The Netherlands. Botany Letters, 0, , 1-8.	1.4	2
114	Tracing the introduction history of the tulip that went wild (Tulipa sylvestris) in sixteenth-century Europe. Scientific Reports, 2022, 12, .	3.3	2
115	A Natural Foodplant forDirphia tarquina(Saturniidae: Hemileucinae) in Suriname. Journal of the Lepidopterists' Society, 2015, 69, 140-142.	0.2	1
116	Notes on the Early Stages ofAntichloris eriphia(Erebidae: Arctiinae) in Suriname. Journal of the Lepidopterists' Society, 2016, 70, 311-314.	0.2	1
117	Host Plant and Late Larval Stages ofHypercompe cunigunda(Erebidae: Arctiinae) in Suriname. Journal of the Lepidopterists' Society, 2016, 70, 163-166.	0.2	1
118	Type Designation and Late Larval Stages ofHolophaea vesta(Erebidae: Arctiinae) in Suriname. Journal of the Lepidopterists' Society, 2017, 71, 61-66.	0.2	1
119	A New Host Plant and Notes on the Last Larval Instar of Colobura annulata (Nymphalidae:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	0.2	1
120	The emperorâ€™s herbarium: The German physician Leonhard Rauwolf (1535?â€“96) and his botanical field studies in the Middle East. History of Science, 2021, , 007327532110198.	0.5	1
121	Relationships between species richness and ecosystem services in Amazonian forests strongly influenced by biogeographical strata and forest types. Scientific Reports, 2022, 12, 5960.	3.3	1
122	A New Foodplant forHistoris odius diousLamas, 1995 (Nymphalidae: Nymphalinae) with Some Notes on the Life History in Suriname. Journal of the Lepidopterists' Society, 2016, 70, 159-163.	0.2	0
123	Lectotype Designation and Life History ofHistioea cepheus cepheus(Erebidae: Arctiinae) in Suriname. Journal of the Lepidopterists' Society, 2018, 72, 192-202.	0.2	0
124	Bodies of the plant and Animal Kingdom: An illustrated manuscript on materia medica in the Netherlands (ca. 1800). Journal of Ethnopharmacology, 2019, 237, 236-244.	4.1	0
125	Paolo Boccone and the visual communication of pre-Linnean botany. A comparison between his Leiden herbarium, Paris autoprint and published Icones (1674). Studies in History and Philosophy of Science Part C:Studies in History and Philosophy of Biological and Biomedical Sciences, 2019, 74, 15-26.	1.3	0
126	Life History in Suriname and Taxonomic Status of Heraclides garleppi lecerfi (Papilionidae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (	0.2	0