Nico Koedam

List of Publications by Year
in descending order

67 papers	3,153 citations	212478 28 h-index	182931 54 g-index
67 all docs	67 docs citations	67 times ranked	4401 citing authors

#	Article	IF	Citations
1	Highway(s) overhead: Strong differences in wetland connectivity and protected status challenge waterbird migration along the four Palearcticâ€Afrotropical flyways. Diversity and Distributions, 2022, 28, 1067-1080.	1.9	3
2	Learning from small islands in the Western Indian Ocean (WIO): A systematic review of responses to environmental change. Ocean and Coastal Management, 2022, 227, 106268.	2.0	10
3	Reconciling nature, people and policy in the mangrove social-ecological system through the adaptive cycle heuristic. Estuarine, Coastal and Shelf Science, 2021, 248, 106942.	0.9	43
4	Expansion of the mangrove species Rhizophora mucronata in the Western Indian Ocean launched contrasting genetic patterns. Scientific Reports, 2021, 11, 4987.	1.6	12
5	Using Historical Archives and Landsat Imagery to Explore Changes in the Mangrove Cover of Peninsular Malaysia between 1853 and 2018. Remote Sensing, 2021, 13, 3403.	1.8	9
6	Geochemical and petrographic characteristics of sediments along the transboundary (Kenyaâ€“Tanzania) Umba River as indicators of provenance and weathering. Open Geosciences, 2021, 13, 1064-1083.	0.6	3
7	Seasonal atmospheric and oceanographic factors influencing poleward mangrove expansion in the southeastern American coast. Estuarine, Coastal and Shelf Science, 2021, 262, 107607.	0.9	6
8	Tracing organic matter sources in the estuarine sediments of Vanga, Kenya, and provenance implications. Estuarine, Coastal and Shelf Science, 2021, 263, 107636.	0.9	4
9	Biochemical response of Sonneratia alba Sm. branches infested by a wood boring moth (Gazi Bay,) Tj ETQq1 1 0.784314 rgBT /Overlo	1.1	1
10	Mangrove trees survive partial sediment burial by developing new roots and adapting their root, branch and stem anatomy. Trees - Structure and Function, 2020, 34, 37-49.	0.9	10
11	EIA-driven biodiversity mainstreaming in development cooperation: Confronting expectations and practice in the DR Congo. Environmental Science and Policy, 2020, 104, 107-120.	2.4	9
12	Public Perceptions of Mangrove Forests Matter for Their Conservation. Frontiers in Marine Science, 2020, 7, .	1.2	32
13	Bioâ€energetic data show weak spatial but strong seasonal differences in wetland quality for waders in a Mediterranean migration bottleneck. Freshwater Biology, 2020, 65, 1529-1542.	1.2	2
14	Infestation mechanisms of two woodborer species in the mangrove Sonneratia albaÂJ. Smith in Kenya and co-occurring endophytic fungi. PLoS ONE, 2019, 14, e0221285.	1.1	5
15	Stakeholder discourses on urban mangrove conservation and management. Ocean and Coastal Management, 2019, 178, 104810.	2.0	19
16	Mangrove cover and cover change analysis in the transboundary area of Kenya and Tanzania during 1986â€“2016. Journal of the Indian Ocean Region, 2019, 15, 157-176.	0.2	11
17	A general framework for propagule dispersal in mangroves. Biological Reviews, 2019, 94, 1547-1575.	4.7	88
18	Global-scale dispersal and connectivity in mangroves. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 915-922.	3.3	75

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19	Does Sea Surface Temperature Contribute to Determining Range Limits and Expansion of Mangroves in Eastern South America (Brazil)?. Remote Sensing, 2018, 10, 1787.	1.8	21
20	Emergent conservation conflicts in the Galapagos Islands: Human-giant tortoise interactions in the rural area of Santa Cruz Island. PLoS ONE, 2018, 13, e0202268.	1.1	20
21	Interâ€•and intraspecific variation in mangrove carbon fraction and wood specific gravity in Gazi Bay, Kenya. Ecosphere, 2018, 9, e02306.	1.0	13
22	The advantages of using drones over space-borne imagery in the mapping of mangrove forests. PLoS ONE, 2018, 13, e0200288.	1.1	86
23	Caught in transit: offshore interception of seafaring propagules from seven mangrove species. Ecosphere, 2018, 9, e02208.	1.0	11
24	Have mangrove restoration projects worked? An inâ€depth study in Sri Lanka. Restoration Ecology, 2017, 25, 705-716.	1.4	146
25	Involvement, knowledge and perception in a natural reserve under participatory management: Mida Creek, Kenya. Ocean and Coastal Management, 2017, 142, 28-36.	2.0	16
26	Hidden founders? Strong bottlenecks and fine-scale genetic structure in mangrove populations of the Cameroon Estuary complex. Hydrobiologia, 2017, 803, 189-207.	1.0	21
27	Bidirectional gene flow on a mangrove river landscape and between-catchment dispersal of Rhizophora racemosa (Rhizophoraceae). Hydrobiologia, 2017, 790, 93-108.	1.0	17
28	Longâ€term influence of sod cutting depth on the restoration of degraded wet heaths. Restoration Ecology, 2017, 25, 191-200.	1.4	2
29	Island-wide coastal vulnerability assessment of Sri Lanka reveals that sand dunes, planted trees and natural vegetation may play a role as potential barriers against ocean surges. Global Ecology and Conservation, 2017, 12, 144-157.	1.0	25
30	Mangroves at Their Limits: Detection and Area Estimation of Mangroves along the Sahara Desert Coast. Remote Sensing, 2016, 8, 512.	1.8	13
31	Wide Ranging Insect Infestation of the Pioneer Mangrove Sonneratia alba by Two Insect Species along the Kenyan Coast. PLoS ONE, 2016, 11, e0154849.	1.1	20
32	Rhizophoraceae Mangrove Saplings Use Hypocotyl and Leaf Water Storage Capacity to Cope with Soil Water Salinity Changes. Frontiers in Plant Science, 2016, 7, 895.	1.7	26
33	Academic capacity building: holding up a mirror. Scientometrics, 2016, 106, 1277-1280.	1.6	5
34	Mapping discourses using Q methodology in Matang Mangrove Forest, Malaysia. Journal of Environmental Management, 2016, 183, 988-997.	3.8	42
35	Exploring conservation discourses in the Galapagos Islands: A case study of the Galapagos giant tortoises. Ambio, 2016, 45, 706-724.	2.8	26
36	Could ecosystem management provide a new framework for Alzheimer's disease?. Alzheimer's and Dementia, 2016, 12, 65.	0.4	1

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37	Contrasting Effects of Historical Sea Level Rise and Contemporary Ocean Currents on Regional Gene Flow of Rhizophora racemosa in Eastern Atlantic Mangroves. PLoS ONE, 2016, 11, e0150950.	1.1	35
38	An Evaluation of the Plant Density Estimator the Point-Centred Quarter Method (PCQM) Using Monte Carlo Simulation. PLoS ONE, 2016, 11, e0157985.	1.1	14
39	Conceptualizing the Effectiveness of Sustainability Assessment in Development Cooperation. Sustainability, 2015, 7, 5735-5751.	1.6	11
40	Wetland Suitability and Connectivity for Trans-Saharan Migratory Waterbirds. PLoS ONE, 2015, 10, e0135445.	1.1	26
41	The Delphi technique in ecology and biological conservation: applications and guidelines. Methods in Ecology and Evolution, 2015, 6, 1097-1109.	2.2	230
42	Interaction between Water and Wind as a Driver of Passive Dispersal in Mangroves. PLoS ONE, 2015, 10, e0121593.	1.1	38
43	Using expert knowledge and modeling to define mangrove composition, functioning, and threats and estimate time frame for recovery. Ecology and Evolution, 2014, 4, 2247-2262.	0.8	54
44	Ecosystem Service Valuations of Mangrove Ecosystems to Inform Decision Making and Future Valuation Exercises. PLoS ONE, 2014, 9, e107706.	1.1	127
45	Ecological role and services of tropical mangrove ecosystems: a reassessment. Global Ecology and Biogeography, 2014, 23, 726-743.	2.7	555
46	A discourse-analytical perspective on sustainability assessment: interpreting sustainable development in practice. Sustainability Science, 2013, 8, 187-198.	2.5	82
47	Vegetative and reproductive phenological traits of Rhizophora mucronata Lamk. and Sonneratia alba Sm.. Flora: Morphology, Distribution, Functional Ecology of Plants, 2013, 208, 522-531.	0.6	15
48	Disentangling the effects of global climate and regional land-use change on the current and future distribution of mangroves in South Africa. Biodiversity and Conservation, 2013, 22, 1369-1390.	1.2	45
49	Temperature variation among mangrove latitudinal range limits worldwide. Trees - Structure and Function, 2012, 26, 1919-1931.	0.9	115
50	Mangrove growth rings: fact or fiction?. Trees - Structure and Function, 2011, 25, 49-58.	0.9	33
51	Assessing forest products usage and local residents' perception of environmental changes in peri-urban and rural mangroves of Cameroon, Central Africa. Journal of Ethnobiology and Ethnomedicine, 2011, 7, 41.	1.1	42
52	Tree-induced soil compaction in forest ecosystems: myth or reality?. European Journal of Forest Research, 2010, 129, 209-217.	1.1	14
53	Shelter from the storm? Use and misuse of coastal vegetation bioshields for managing natural disasters. Conservation Letters, 2010, 3, 1-11.	2.8	156
54	Seed development and germination ecophysiology of the invasive tree PrunusÂserotina (Rosaceae) in a temperate forest in Western Europe. Plant Ecology, 2009, 204, 285-294.	0.7	22

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55	Clustering of plant life strategies on meso-scale. Plant Ecology, 2009, 205, 47-56.	0.7	16
56	Mangrove forests in a peri-urban setting: the case of Mombasa (Kenya). Wetlands Ecology and Management, 2009, 17, 243-255.	0.7	60
57	Commercial activities and subsistence utilization of mangrove forests around the Wouri estuary and the Douala-Edea reserve (Cameroon). Journal of Ethnobiology and Ethnomedicine, 2009, 5, 35.	1.1	50
58	A safe hydraulic architecture as wood anatomical explanation for the difference in distribution of the mangroves Avicennia and Rhizophora. Functional Ecology, 2009, 23, 649-657.	1.7	70
59	Long-term retrospection on mangrove development using transdisciplinary approaches: A review. Aquatic Botany, 2008, 89, 80-92.	0.8	63
60	Urban plant species patterns are highly driven by density and function of built-up areas. Landscape Ecology, 2007, 22, 1227-1239.	1.9	198
61	Spatial variability of summer microclimates and plant species response along transects within clearcuts in a beech forest. Plant Ecology, 2006, 185, 107-121.	0.7	41
62	Remote Sensing and Ethnobotanical Assessment of the Mangrove Forest Changes in the Navachiste-San Ignacio-Macapule Lagoon Complex, Sinaloa, Mexico. Ecology and Society, 2005, 10, .	1.0	49
63	Qualitative distinction of congeneric and introgressive mangrove species in mixed patchy forest assemblages using high spatial resolution remotely sensed imagery (IKONOS). Systematics and Biodiversity, 2004, 2, 113-119.	0.5	46
64	Restoration of a small-scale forest wetland in a Belgian nature reserve: a discussion of factors determining wetland vegetation establishment. Aquatic Conservation: Marine and Freshwater Ecosystems, 2004, 14, 381-394.	0.9	9
65	Variability in the origin of carbon substrates for bacterial communities in mangrove sediments. FEMS Microbiology Ecology, 2004, 49, 171-179.	1.3	57
66	Title is missing!. Hydrobiologia, 2001, 458, 241-253.	1.0	20
67	Genetic differentiation between Bruguiera gymnorhiza and B. sexangula in Sri Lanka. Hydrobiologia, 1999, 413, 11-16.	1.0	7