

# Jan Bakker

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1185196/publications.pdf>

Version: 2024-02-01

101  
papers

8,438  
citations

50276

46  
h-index

45317

90  
g-index

105  
all docs

105  
docs citations

105  
times ranked

8030  
citing authors

#	ARTICLE	IF	CITATIONS
1	Temporal and Spatial Accretion Patterns and the Impact of Livestock Grazing in a Restored Coastal Salt Marsh. <i>Estuaries and Coasts</i> , 2022, 45, 510-522.	2.2	5
2	Salt Marsh Accretion With and Without Deep Soil Subsidence as a Proxy for Sea-Level Rise. <i>Estuaries and Coasts</i> , 2022, 45, 1562-1582.	2.2	6
3	A Diachronic Triangular Perspective on Landscapes: a Conceptual Tool for Research and Management Applied to Wadden Sea Salt Marshes. <i>Maritime Studies</i> , 2021, 20, 235-254.	2.2	6
4	Long-term cross-scale comparison of grazing and mowing on plant diversity and community composition in a salt-marsh system. <i>Journal of Ecology</i> , 2021, 109, 3737-3747.	4.0	6
5	TRY plant trait database – enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	9.5	1,038
6	Long-Term Effects of Sheep Grazing in Various Densities on Marsh Properties and Vegetation Dynamics in Two Different Salt-Marsh Zones. <i>Estuaries and Coasts</i> , 2020, 43, 298-315.	2.2	10
7	Long-term management is needed for conserving plant diversity in a Wadden Sea salt marsh. <i>Biodiversity and Conservation</i> , 2020, 29, 2329-2341.	2.6	8
8	Small herbivores slow down species loss up to 22 years but only at early successional stage. <i>Journal of Ecology</i> , 2019, 107, 2688-2696.	4.0	8
9	Are we restoring functional fens? – The outcomes of restoration projects in fens re-analysed with plant functional traits. <i>PLoS ONE</i> , 2019, 14, e0215645.	2.5	13
10	Progress in vegetation science: Trends over the past three decades and new horizons. <i>Journal of Vegetation Science</i> , 2019, 30, 1-4.	2.2	19
11	Behaviour of horses and cattle at two stocking densities in a coastal salt marsh. <i>Journal of Coastal Conservation</i> , 2017, 21, 369-379.	1.6	6
12	Restoration of inland brackish vegetation by large-scale transfer of coastal driftline material. <i>Applied Vegetation Science</i> , 2017, 20, 641-650.	1.9	3
13	Top-down vs. bottom-up control on vegetation composition in a tidal marsh depends on scale. <i>PLoS ONE</i> , 2017, 12, e0169960.	2.5	10
14	Dynamics of Small-Scale Topographic Heterogeneity in European Sandy Salt Marshes. <i>Journal of Marine Science and Engineering</i> , 2016, 4, 21.	2.6	4
15	Effects of grazing management on biodiversity across trophic levels – The importance of livestock species and stocking density in salt marshes. <i>Agriculture, Ecosystems and Environment</i> , 2016, 235, 329-339.	5.3	60
16	What factors determined restoration success of a salt marsh ten years after de-embankment?. <i>Applied Vegetation Science</i> , 2016, 19, 66-77.	1.9	18
17	Environmental Impacts – Coastal Ecosystems. <i>Regional Climate Studies</i> , 2016, , 275-314.	1.2	9
18	Salinization during salt-marsh restoration after managed realignment. <i>Journal of Coastal Conservation</i> , 2015, 19, 405-415.	1.6	12

#	ARTICLE	IF	CITATIONS
19	Long-term decline in a salt marsh hare population largely driven by bottom-up factors. <i>Ecoscience</i> , 2015, 22, 71-82.	1.4	9
20	Moderate livestock grazing of salt, and brackish marshes benefits breeding birds along the mainland coast of the Wadden Sea. <i>Wilson Journal of Ornithology</i> , 2015, 127, 467-476.	0.2	10
21	Effects of livestock species and stocking density on accretion rates in grazed salt marshes. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 152, 109-115.	2.1	24
22	Defoliation and Soil Compaction Jointly Drive Large-Herbivore Grazing Effects on Plants and Soil Arthropods on Clay Soil. <i>Ecosystems</i> , 2015, 18, 671-685.	3.4	40
23	Regeneration in chalk grassland during 150 years in a military area. <i>Applied Vegetation Science</i> , 2014, 17, 611-612.	1.9	0
24	Foraging site choice and diet selection of Meadow Pipits <i>Anthus pratensis</i> breeding on grazed salt marshes. <i>Bird Study</i> , 2014, 61, 101-110.	1.0	5
25	Utilisation of a coastal grassland by geese after managed re-alignment. <i>Journal of Coastal Conservation</i> , 2014, 18, 471-479.	1.6	4
26	Shading results in depletion of the soil seed bank. <i>Nordic Journal of Botany</i> , 2014, 32, 674-679.	0.5	5
27	Livestock as a potential biological control agent for an invasive wetland plant. <i>PeerJ</i> , 2014, 2, e567.	2.0	20
28	Grassland cutting regimes affect soil properties, and consequently vegetation composition and belowground plant traits. <i>Plant and Soil</i> , 2013, 366, 401-413.	3.7	21
29	Livestock grazing and trampling of birds' nests: an experiment using artificial nests. <i>Journal of Coastal Conservation</i> , 2013, 17, 409-416.	1.6	30
30	Flower production of <i>Aster tripolium</i> is affected by behavioral differences in livestock species and stocking densities: the role of activity and selectivity. <i>Ecological Research</i> , 2013, 28, 821-831.	1.5	13
31	Effects of long-term grazing on sediment deposition and salt-marsh accretion rates. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 133, 109-115.	2.1	51
32	Spatio-temporal dynamics of the invasive plant species <i>Elytrigia atherica</i> on natural salt marshes. <i>Applied Vegetation Science</i> , 2013, 16, 205-216.	1.9	43
33	Grazed vegetation mosaics do not maximize arthropod diversity: Evidence from salt marshes. <i>Biological Conservation</i> , 2013, 164, 150-157.	4.1	30
34	Herbivore trampling as an alternative pathway for explaining differences in nitrogen mineralization in moist grasslands. <i>Oecologia</i> , 2013, 172, 231-243.	2.0	123
35	Measuring sedimentation in tidal marshes: a review on methods and their applicability in biogeomorphological studies. <i>Journal of Coastal Conservation</i> , 2013, 17, 301-325.	1.6	113
36	Do plant traits retrieved from a database accurately predict on-site measurements?. <i>Journal of Ecology</i> , 2013, 101, 662-670.	4.0	94

#	ARTICLE	IF	CITATIONS
37	Does livestock grazing affect sediment deposition and accretion rates in salt marshes?. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 135, 296-305.	2.1	49
38	Long-Term Effects of Scrub Clearance and Litter Removal on the Re-Establishment of Dry Alvar Grassland Species. <i>Annales Botanici Fennici</i> , 2012, 49, 21-30.	0.1	5
39	Spatial patterns in accretion on barrier-island salt marshes. <i>Geomorphology</i> , 2011, 134, 280-296.	2.6	20
40	Sand in the salt marsh: Contribution of high-energy conditions to salt-marsh accretion. <i>Marine Geology</i> , 2011, 282, 240-254.	2.1	42
41	Dispersal failure contributes to plant losses in NW Europe. <i>Ecology Letters</i> , 2009, 12, 66-74.	6.4	214
42	How species traits and affinity to urban land use control large-scale species frequency. <i>Diversity and Distributions</i> , 2009, 15, 533-546.	4.1	66
43	Restoration of salt-marsh vegetation in relation to site suitability, species pool and dispersal traits. <i>Journal of Applied Ecology</i> , 2008, 45, 904-912.	4.0	77
44	Dispersal by cattle of salt-marsh and dune species into salt-marsh and dune communities. <i>Plant Ecology</i> , 2008, 197, 43-54.	1.6	19
45	Potential for Sudden Shifts in Transient Systems: Distinguishing Between Local and Landscape-Scale Processes. <i>Ecosystems</i> , 2008, 11, 1133-1141.	3.4	50
46	To move or not to move: determinants of seed retention in a tidal marsh. <i>Functional Ecology</i> , 2008, 22, 720-727.	3.6	64
47	Wet meadow restoration in Western Europe: A quantitative assessment of the effectiveness of several techniques. <i>Biological Conservation</i> , 2007, 140, 318-328.	4.1	133
48	Biomechanical warfare in ecology; negative interactions between species by habitat modification. <i>Oikos</i> , 2007, 116, 742-750.	2.7	67
49	Local above-ground persistence of vascular plants: Life-history trade-offs and environmental constraints. <i>Journal of Vegetation Science</i> , 2007, 18, 489-497.	2.2	48
50	Fens and floodplains of the temperate zone: Present status, threats, conservation and restoration. <i>Applied Vegetation Science</i> , 2006, 9, 157-162.	1.9	131
51	Subtle interplay of competition and facilitation among small herbivores in coastal grasslands. <i>Functional Ecology</i> , 2006, 20, 908-915.	3.6	24
52	TOP-DOWN CONTROL OF SMALL HERBIVORES ON SALT-MARSH VEGETATION ALONG A PRODUCTIVITY GRADIENT. <i>Ecology</i> , 2005, 86, 914-923.	3.2	61
53	Plant colonization after managed realignment: the relative importance of diaspore dispersal. <i>Journal of Applied Ecology</i> , 2005, 42, 770-777.	4.0	66
54	Saltmarsh erosion and restoration in south-east England: squeezing the evidence requires realignment. <i>Journal of Applied Ecology</i> , 2005, 42, 844-851.	4.0	85

#	ARTICLE	IF	CITATIONS
55	Seed dispersal by small herbivores and tidal water: are they important filters in the assembly of salt-marsh communities?. <i>Functional Ecology</i> , 2005, 19, 665-673.	3.6	28
56	Compensatory growth of <i>Festuca rubra</i> after grazing: can migratory herbivores increase their own harvest during staging?. <i>Functional Ecology</i> , 2005, 19, 961-969.	3.6	57
57	Connecting seas: western Palaearctic continental flyway for water birds in the perspective of changing land use and climate. <i>Global Change Biology</i> , 2005, 11, 894-908.	9.5	124
58	Assessing the relative importance of dispersal in plant communities using an ecoinformatics approach. <i>Folia Geobotanica</i> , 2005, 40, 53-67.	0.9	41
59	Self-Organization and Vegetation Collapse in Salt Marsh Ecosystems. <i>American Naturalist</i> , 2005, 165, E1-E12.	2.1	242
60	Salt-marsh restoration: evaluating the success of de-embankments in north-west Europe. <i>Biological Conservation</i> , 2005, 123, 249-268.	4.1	208
61	Utilisation of Wadden Sea salt marshes by geese in relation to livestock grazing. <i>Journal for Nature Conservation</i> , 2005, 13, 1-15.	1.8	32
62	Astroturf seed traps for studying hydrochory. <i>Functional Ecology</i> , 2004, 18, 141-147.	3.6	38
63	Dispersal phenology of hydrochorous plants in relation to discharge, seed release time and buoyancy of seeds: the flood pulse concept supported. <i>Journal of Ecology</i> , 2004, 92, 786-796.	4.0	220
64	Herbivory and competition slow down invasion of a tall grass along a productivity gradient. <i>Oecologia</i> , 2004, 141, 452-459.	2.0	40
65	Digestive strategies in two sympatrically occurring lagomorphs. <i>Journal of Zoology</i> , 2004, 264, 171-178.	1.7	33
66	Plant dispersal in a lowland stream in relation to occurrence and three specific life-history traits of the species in the species pool. <i>Journal of Ecology</i> , 2003, 91, 855-866.	4.0	223
67	Habitat differentiation vs. isolation-by-distance: the genetic population structure of <i>Elymus athericus</i> in European salt marshes. <i>Molecular Ecology</i> , 2003, 12, 505-515.	3.9	87
68	Are seed dormancy and persistence in soil related?. <i>Seed Science Research</i> , 2003, 13, 97-100.	1.7	170
69	The relation between vegetation zonation, elevation and inundation frequency in a Wadden Sea salt marsh. <i>Aquatic Botany</i> , 2002, 73, 211-221.	1.6	126
70	Competitors, ruderals and stress-tolerators. <i>New Phytologist</i> , 2002, 156, 6-8.	7.3	3
71	Long-term vegetation changes in experimentally grazed and ungrazed back-barrier marshes in the Wadden Sea. <i>Applied Vegetation Science</i> , 2002, 5, 45-54.	1.9	76
72	Soil seed bank and driftline composition along a successional gradient on a temperate salt marsh. <i>Applied Vegetation Science</i> , 2002, 5, 55-62.	1.9	68

#	ARTICLE	IF	CITATIONS
73	Soil seed bank and driftline composition along a successional gradient on a temperate salt marsh. <i>Applied Vegetation Science</i> , 2002, 5, 55.	1.9	5
74	Seeds, Ecology, Biogeography and Evolution of Dormancy, and Germination. C.C. Baskin & J.M. Baskin. <i>Plant Ecology</i> , 2001, 152, 204-205.	1.6	10
75	The Impact of Sheep Grazing on Net Nitrogen Mineralization Rate in Two Temperate Salt Marshes. <i>Plant Biology</i> , 2001, 3, 553-560.	3.8	25
76	Effects of resource competition and herbivory on plant performance along a natural productivity gradient. <i>Journal of Ecology</i> , 2000, 88, 317-330.	4.0	110
77	Competition and herbivory during salt marsh succession: the importance of forb growth strategy. <i>Journal of Ecology</i> , 2000, 88, 571-583.	4.0	52
78	Soil seed bank dynamics in hayfield succession. <i>Journal of Ecology</i> , 2000, 88, 594-607.	4.0	114
79	The Impact of Herbivory and Competition on Flowering and Survival during Saltmarsh Succession. <i>Plant Biology</i> , 2000, 2, 68-76.	3.8	10
80	Annual nitrogen budget of a temperate coastal barrier salt-marsh system along a productivity gradient at low and high marsh elevation. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2000, 3, 128-141.	2.7	21
81	The effect of water supply on seed bank analysis using the seedling emergence method. <i>Functional Ecology</i> , 1999, 13, 428-430.	3.6	36
82	Nitrogen and phosphorus limitation in a coastal barrier salt marsh: the implications for vegetation succession. <i>Journal of Ecology</i> , 1999, 87, 265-272.	4.0	116
83	The impact of herbivores on nitrogen mineralization rate: consequences for salt-marsh succession. <i>Oecologia</i> , 1999, 118, 225-231.	2.0	87
84	Do intrinsically dominant and subordinate species exist? A test statistic for field data. <i>Applied Vegetation Science</i> , 1998, 1, 15-20.	1.9	21
85	Ecological correlates of seed persistence in soil in the north-west European flora. <i>Journal of Ecology</i> , 1998, 86, 163-169.	4.0	342
86	Seed size, shape and vertical distribution in the soil: indicators of seed longevity. <i>Functional Ecology</i> , 1998, 12, 834-842.	3.6	410
87	The impact of groundwater level on soil seed bank survival. <i>Seed Science Research</i> , 1998, 8, 399-404.	1.7	81
88	Vegetation Succession and Herbivory in a Salt Marsh: Changes Induced by Sea Level Rise and Silt Deposition Along an Elevational Gradient. <i>Journal of Ecology</i> , 1997, 85, 799.	4.0	226
89	Twenty years of salt marsh succession on a Dutch coastal barrier island. <i>Journal of Coastal Conservation</i> , 1997, 3, 9-18.	1.6	48
90	Nitrogen accumulation and plant species replacement in three salt marsh systems in the Wadden Sea. <i>Journal of Coastal Conservation</i> , 1997, 3, 19-26.	1.6	46

#	ARTICLE	IF	CITATIONS
91	Nutrient limitation and plant species composition in temperate salt marshes. <i>Oecologia</i> , 1997, 111, 325.	2.0	101
92	An Improved Method for Seed-Bank Analysis: Seedling Emergence After Removing the Soil by Sieving. <i>Functional Ecology</i> , 1996, 10, 144.	3.6	429
93	N, K and P deficiency in chronosequential cut summer-dry grasslands on gley podzol after the cessation of fertilizer application. <i>Plant and Soil</i> , 1996, 178, 121-131.	3.7	62
94	Biodiversity of soil biota and plants in abandoned arable fields and grasslands under restoration management. <i>Biodiversity and Conservation</i> , 1996, 5, 211-221.	2.6	22
95	Seed banks and seed dispersal: important topics in restoration ecology. <i>Acta Botanica Neerlandica</i> , 1996, 45, 461-490.	0.9	570
96	Salt marshes along the coast of The Netherlands. <i>Hydrobiologia</i> , 1993, 265, 73-95.	2.0	115
97	Does zonation reflect the succession of salt-marsh vegetation? A comparison of an estuarine and a coastal bar island marsh in The Netherlands. <i>Acta Botanica Neerlandica</i> , 1993, 42, 435-445.	0.9	49
98	Long-term changes of salt marsh communities by cattle grazing. <i>Plant Ecology</i> , 1990, 89, 137-148.	1.2	152
99	The impact of grazing on plant communities, plant populations and soil conditions on salt marshes. <i>Plant Ecology</i> , 1985, 62, 391-398.	1.2	130
100	DISPERSAL, GERMINATION AND EARLY ESTABLISHMENT OF HALOPHYTES AND GLYCOPHYTES ON A GRAZED AND ABANDONED SALT-MARSH GRADIENT. <i>New Phytologist</i> , 1985, 101, 291-308.	7.3	76
101	Changes in a salt-marsh vegetation as a result of grazing and mowing ? A five-year study of permanent plots. <i>Plant Ecology</i> , 1978, 38, 77-87.	1.2	38