

# M Jane Bunting

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

1,823  
citations

304743

22  
h-index

276875

41  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1954  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vegetation structure and pollen source area. <i>Holocene</i> , 2004, 14, 651-660.	1.7	193
2	The use of modelling and simulation approach in reconstructing past landscapes from fossil pollen data: a review and results from the POLLANDCAL network. <i>Vegetation History and Archaeobotany</i> , 2008, 17, 419-443.	2.1	152
3	Neolithic agriculture on the European western frontier: the boom and bust of early farming in Ireland. <i>Journal of Archaeological Science</i> , 2014, 51, 181-205.	2.4	123
4	Pollen-vegetation relationships in non-arboreal moorland taxa. <i>Review of Palaeobotany and Palynology</i> , 2003, 125, 285-298.	1.5	101
5	Estimates of relative pollen productivity and relevant source area of pollen for major tree taxa in two Norfolk (UK) woodlands. <i>Holocene</i> , 2005, 15, 459-465.	1.7	93
6	Palynological perspectives on vegetation survey: a critical step for model-based reconstruction of Quaternary land cover. <i>Quaternary Science Reviews</i> , 2013, 82, 41-55.	3.0	79
7	Modelling pollen dispersal and deposition using HUMPOL software, including simulating windroses and irregular lakes. <i>Review of Palaeobotany and Palynology</i> , 2005, 134, 185-196.	1.5	75
8	Pollen source areas of lakes with inflowing rivers: modern pollen influx data from Lake Baiyangdian, China. <i>Quaternary Science Reviews</i> , 2012, 37, 81-91.	3.0	61
9	Effect of vegetation data collection strategies on estimates of relevant source area of pollen (RSAP) and relative pollen productivity estimates (relative PPE) for non-arboreal taxa. <i>Vegetation History and Archaeobotany</i> , 2010, 19, 365-374.	2.1	60
10	Modern pollen studies from coppiced woodlands and their implications for the detection of woodland management in Holocene pollen records. <i>Review of Palaeobotany and Palynology</i> , 2012, 187, 11-28.	1.5	57
11	Relative pollen productivity and fall speed estimates for southern African savanna taxa. <i>Vegetation History and Archaeobotany</i> , 2008, 17, 507-525.	2.1	53
12	Vegetation history of Orkney, Scotland; pollen records from two small basins in west Mainland. <i>New Phytologist</i> , 1994, 128, 771-792.	7.3	51
13	Detecting woodland remnants in cultural landscapes: modern pollen deposition around small woodlands in northwest Scotland. <i>Holocene</i> , 2002, 12, 291-301.	1.7	50
14	Pollen-vegetation-climate relationships in some desert and desert-steppe communities in northern China. <i>Holocene</i> , 2011, 21, 997-1010.	1.7	46
15	Can we characterise openness in the Holocene palaeoenvironmental record? Modern analogue studies of insect faunas and pollen spectra from Dunham Massey deer park and Epping Forest, England. <i>Holocene</i> , 2010, 20, 215-229.	1.7	43
16	Mosaic v1.1: landscape scenario creation software for simulation of pollen dispersal and deposition. <i>Review of Palaeobotany and Palynology</i> , 2004, 132, 61-66.	1.5	40
17	Land management explains major trends in forest structure and composition over the last millennium in California's Klamath Mountains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2116264119.	7.1	39
18	Hydroseral development in southern Ontario: patterns and controls. <i>Journal of Biogeography</i> , 1998, 25, 3-18.	3.0	38

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19	Lateglacial and early Holocene climates of the Atlantic margins of Europe: Stable isotope, mollusc and pollen records from Orkney, Scotland. <i>Quaternary Science Reviews</i> , 2015, 122, 112-130.	3.0	35
20	The effects of training set selection on the relationship between pollen assemblages and climate parameters: Implications for reconstructing past climate. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 289, 123-133.	2.3	34
21	Estimates of relative pollen productivity (RPP) for selected taxa from southern Greenland: A pragmatic solution. <i>Review of Palaeobotany and Palynology</i> , 2013, 190, 66-74.	1.5	29
22	Neolithic settlement at the woodland's edge: palynological data and timber architecture in Orkney, Scotland. <i>Journal of Archaeological Science</i> , 2014, 51, 225-236.	2.4	24
23	Relation between modern pollen rain, vegetation and climate in northern China: Implications for quantitative vegetation reconstruction in a steppe environment. <i>Science of the Total Environment</i> , 2017, 586, 25-41.	8.0	22
24	A method for reconstructing temporal changes in vegetation functional trait composition using Holocene pollen assemblages. <i>PLoS ONE</i> , 2019, 14, e0216698.	2.5	22
25	Using models of pollen dispersal and deposition in hilly landscapes: Some possible approaches. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 259, 77-91.	2.3	21
26	Pollen in wetlands: using simulations of pollen dispersal and deposition to better interpret the pollen signal. <i>Biodiversity and Conservation</i> , 2008, 17, 2079-2096.	2.6	20
27	Pre-European settlement conditions and human disturbance of a coniferous swamp in southern Ontario. <i>Canadian Journal of Botany</i> , 1998, 76, 1770-1779.	1.1	17
28	Airborne Pollen Concentration in Nanjing, Eastern China, and its Relationship With Meteorological Factors. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 10,842.	3.3	17
29	Interpreting pollen diagrams from wetlands: pollen representation in surface samples from Oil Well Bog, southern Ontario. <i>Canadian Journal of Botany</i> , 1998, 76, 1780-1797.	1.1	16
30	Late Quaternary vegetation dynamics and hydroseral development in a <i>Thuja occidentalis</i> swamp in southern Ontario. <i>Canadian Journal of Earth Sciences</i> , 1996, 33, 1439-1456.	1.3	14
31	Mid-Holocene presence of water chestnut ( <i>Trapa natans</i> L.) in the meres of Holderness, East Yorkshire, UK. <i>Holocene</i> , 2005, 15, 687-697.	1.7	13
32	Maps From Mud – Using the Multiple Scenario Approach to Reconstruct Land Cover Dynamics From Pollen Records: A Case Study of Two Neolithic Landscapes. <i>Frontiers in Ecology and Evolution</i> , 0, 6, .	2.2	13
33	Constraining pollen-based estimates of forest cover in the Amazon: A simulation approach. <i>Holocene</i> , 2019, 29, 262-270.	1.7	13
34	Relative pollen productivity estimates for alpine meadow vegetation, northeastern Tibetan Plateau. <i>Vegetation History and Archaeobotany</i> , 2020, 29, 447-462.	2.1	13
35	Brownfield sites promote biodiversity at a landscape scale. <i>Science of the Total Environment</i> , 2022, 804, 150162.	8.0	13
36	Complex hydroseral vegetation succession and "dryland" pollen signals: a case study from northwest Scotland. <i>Holocene</i> , 2004, 14, 53-63.	1.7	11

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37	Disentangling the pollen signal from fen systems: Modern and Holocene studies from southern and eastern England. <i>Review of Palaeobotany and Palynology</i> , 2017, 238, 15-33.	1.5	11
38	Interpreting pollen diagrams from wetlands: pollen representation in surface samples from Oil Well Bog, southern Ontario. <i>Canadian Journal of Botany</i> , 1998, 76, 1780-1797.	1.1	11
39	Adding time to the conservation toolkit: palaeoecology and long term wetland function dynamics. <i>Biodiversity and Conservation</i> , 2008, 17, 2051-2054.	2.6	10
40	Seeing the Wood for the Trees: Recent Advances in the Reconstruction of Woodland in Archaeological Landscapes Using Pollen Data. <i>Environmental Archaeology</i> , 2018, 23, 228-239.	1.2	10
41	Pre-European settlement conditions and human disturbance of a coniferous swamp in southern Ontario. <i>Canadian Journal of Botany</i> , 1998, 76, 1770-1779.	1.1	10
42	Replicability of data collected for empirical estimation of relative pollen productivity. <i>Review of Palaeobotany and Palynology</i> , 2016, 232, 1-13.	1.5	9
43	Novel methods of estimating relative pollen productivity: A key parameter for reconstruction of past land cover from pollen records. <i>Progress in Physical Geography</i> , 2019, 43, 731-753.	3.2	9
44	The use of henbane ( <i>Hyoscyamus niger</i> L.) as a hallucinogen at Neolithic "ritual" sites: a re-evaluation. <i>Antiquity</i> , 2000, 74, 49-53.	1.0	8
45	Opening the Woods: Towards a Quantification of Neolithic Clearance Around the Somerset Levels and Moors. <i>Journal of Archaeological Method and Theory</i> , 2020, 27, 271-301.	3.0	6
46	Linking modern pollen accumulation rates to biomass: Quantitative vegetation reconstruction in the western Klamath Mountains, NW California, USA. <i>Holocene</i> , 2021, 31, 814-829.	1.7	6
47	Are modern pollen assemblages from soils and mosses the same? A comparison of natural pollen traps from subtropical China. <i>Catena</i> , 2022, 209, 105790.	5.0	5
48	Landscapes for Neolithic People in Mainland, Orkney. <i>Journal of World Prehistory</i> , 2022, 35, 87-107.	3.6	3