

Mariusz Lamentowicz

List of Publications by Year in descending order

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Version: 2024-02-01

147
papers

6,170
citations

81434

41
h-index

100535

70
g-index

170
all docs

170
docs citations

170
times ranked

5773
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Predicting the structure and functions of peatland microbial communities from <i>Sphagnum</i> phylogeny, anatomical and morphological traits and metabolites. <i>Journal of Ecology</i> , 2022, 110, 80-96. | 1.9 | 8 |
| 2 | Searching for an ecological baseline: Long-term ecology of a post-extraction restored bog in Northern Estonia. <i>Quaternary International</i> , 2022, 607, 65-78. | 0.7 | 5 |
| 3 | The late-Holocene relationship between peatland water table depth and summer temperature in northern Poland. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 586, 110758. | 1.0 | 10 |
| 4 | Editorial: Functional Traits as Indicators of Past Environmental Changes. <i>Frontiers in Ecology and Evolution</i> , 2022, 9, . | 1.1 | 0 |
| 5 | Long-term microclimate study of a peatland in Central Europe to understand microrefugia. <i>International Journal of Biometeorology</i> , 2022, 66, 817-832. | 1.3 | 7 |
| 6 | Contribution of soil algae to the global carbon cycle. <i>New Phytologist</i> , 2022, 234, 64-76. | 3.5 | 39 |
| 7 | Palaeoecological data indicates land-use changes across Europe linked to spatial heterogeneity in mortality during the Black Death pandemic. <i>Nature Ecology and Evolution</i> , 2022, 6, 297-306. | 3.4 | 33 |
| 8 | Biochemical traits enhance the trait concept in <i>Sphagnum</i> ecology. <i>Oikos</i> , 2022, 2022, . | 1.2 | 5 |
| 9 | The Reading Palaeofire Database: an expanded global resource to document changes in fire regimes from sedimentary charcoal records. <i>Earth System Science Data</i> , 2022, 14, 1109-1124. | 3.7 | 9 |
| 10 | Estimation of recent peat accumulation with tree saplings. <i>Progress in Physical Geography</i> , 2022, 46, 515-529. | 1.4 | 1 |
| 11 | Anthropocene history of rich fen acidification in W Poland – Causes and indicators of change. <i>Science of the Total Environment</i> , 2022, 838, 155785. | 3.9 | 4 |
| 12 | Fires, vegetation, and human – The history of critical transitions during the last 1000 years in Northeastern Mongolia. <i>Science of the Total Environment</i> , 2022, 838, 155660. | 3.9 | 4 |
| 13 | Synthesis of palaeoecological data from the Polish Lowlands suggests heterogeneous patterns of old-growth forest loss after the Migration Period. <i>Scientific Reports</i> , 2022, 12, . | 1.6 | 3 |
| 14 | The 852/3 CE Mount Churchill eruption: examining the potential climatic and societal impacts and the timing of the Medieval Climate Anomaly in the North Atlantic region. <i>Climate of the Past</i> , 2022, 18, 1475-1508. | 1.3 | 7 |
| 15 | Expert assessment of future vulnerability of the global peatland carbon sink. <i>Nature Climate Change</i> , 2021, 11, 70-77. | 8.1 | 167 |
| 16 | Human impact since medieval times in the western part of Lublin Polesie against the background of Holocene climate changes: record from Lake Mytycze in the Wieprz-Krzna Canal System (SE Poland). <i>Quaternary International</i> , 2021, 577, 93-111. | 0.7 | 0 |
| 17 | Environmental drivers of <i>Sphagnum</i> growth in peatlands across the Holarctic region. <i>Journal of Ecology</i> , 2021, 109, 417-431. | 1.9 | 32 |
| 18 | A European map of groundwater pH and calcium. <i>Earth System Science Data</i> , 2021, 13, 1089-1105. | 3.7 | 24 |

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|----|--|-----|-----------|
| 19 | Developing a continental-scale testate amoeba hydrological transfer function for Asian peatlands. <i>Quaternary Science Reviews</i> , 2021, 258, 106868. | 1.4 | 16 |
| 20 | Environmental implications of past socioeconomic events in Greater Poland during the last 1200 years. Synthesis of paleoecological and historical data. <i>Quaternary Science Reviews</i> , 2021, 259, 106902. | 1.4 | 22 |
| 21 | Effects of experimental warming on <i>Betula nana</i> epidermal cell growth tested over its maximum climatological growth range. <i>PLoS ONE</i> , 2021, 16, e0251625. | 1.1 | 5 |
| 22 | Water table depth, experimental warming, and reduced precipitation impact on litter decomposition in a temperate <i>Sphagnum</i> -peatland. <i>Science of the Total Environment</i> , 2021, 771, 145452. | 3.9 | 28 |
| 23 | Contribution of microbial photosynthesis to peatland carbon uptake along a latitudinal gradient. <i>Journal of Ecology</i> , 2021, 109, 3424-3441. | 1.9 | 10 |
| 24 | Small peatland with a big story: 600-year paleoecological and historical data from a kettle-hole peatland in Western Russia. <i>Holocene</i> , 2021, 31, 1761-1776. | 0.9 | 4 |
| 25 | Pine Forest Management and Disturbance in Northern Poland: Combining High-Resolution 100-Year-Old Paleoecological and Remote Sensing Data. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, . | 1.1 | 5 |
| 26 | Testate Amoeba Functional Traits and Their Use in Paleoecology. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, . | 1.1 | 40 |
| 27 | Disturbance and resilience of a <i>Sphagnum</i> peatland in western Russia (Western Dvina Lakeland) during the last 300 years: A multiproxy, high-resolution study. <i>Holocene</i> , 2020, 30, 1552-1566. | 0.9 | 17 |
| 28 | How Joannites™ economy eradicated primeval forest and created anthroecosystems in medieval Central Europe. <i>Scientific Reports</i> , 2020, 10, 18775. | 1.6 | 14 |
| 29 | Testate amoebae taxonomy and trait diversity are coupled along an openness and wetness gradient in pine-dominated Baltic bogs. <i>European Journal of Protistology</i> , 2020, 73, 125674. | 0.5 | 16 |
| 30 | Experimental warming and precipitation reduction affect the biomass of microbial communities in a <i>Sphagnum</i> peatland. <i>Ecological Indicators</i> , 2020, 112, 106059. | 2.6 | 40 |
| 31 | Towards the understanding the impact of fire on the lower montane forest in the Polish Western Carpathians during the Holocene. <i>Quaternary Science Reviews</i> , 2020, 229, 106137. | 1.4 | 23 |
| 32 | Exceptional hydrological stability of a <i>Sphagnum</i> -dominated peatland over the late Holocene. <i>Quaternary Science Reviews</i> , 2020, 231, 106180. | 1.4 | 21 |
| 33 | Do the relationships between testate amoebae and fungi reflect the variability of past water table fluctuations in the ombrotrophic peatlands of Central Europe?. <i>Holocene</i> , 2020, 30, 1186-1195. | 0.9 | 1 |
| 34 | Geology, stratigraphy and palaeoenvironmental evolution of the <i>Stephanorhinus kirchbergensis</i> bearing Quaternary palaeolake(s) of Gorzów Wielkopolski (NW Poland, Central) Tj ETQq0 0 QrgBT /Overlock 10 T | | |
| 35 | Searching for the 4.2ka climate event at Lake Spore, Poland. <i>Catena</i> , 2020, 191, 104565. | 2.2 | 18 |
| 36 | Quantifying the effect of testate amoeba decomposition on peat-based water-table reconstructions. <i>European Journal of Protistology</i> , 2020, 74, 125693. | 0.5 | 7 |

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|----|---|-----|-----------|
| 37 | Fire hazard modulation by long-term dynamics in land cover and dominant forest type in eastern and central Europe. <i>Biogeosciences</i> , 2020, 17, 1213-1230. | 1.3 | 52 |
| 38 | Znaczenie wspólnych badań, historycznych i paleoekologicznych nad wpływem człowieka na środowisko. Przykład ze stanowiska Kazanie we wschodniej Wielkopolsce. , 2020, , 56. | 0.0 | 3 |
| 39 | Assessing the responses of <i>Sphagnum</i> micro-eukaryotes to climate changes using high throughput sequencing. <i>PeerJ</i> , 2020, 8, e9821. | 0.9 | 13 |
| 40 | Znaczenie wysokorozdzielczych wieloskałunkowych (multi-proxy) badań, paleoekologicznych dla geografii historycznej i historii gospodarczej. , 2020, , 30. | 0.0 | 1 |
| 41 | Scots pine radial growth response to climate and future projections at peat and mineral soils in the boreo-nemoral zone. <i>Theoretical and Applied Climatology</i> , 2019, 136, 639-650. | 1.3 | 2 |
| 42 | Always on the tipping point – A search for signals of past societies and related peatland ecosystem critical transitions during the last 6500 years in N Poland. <i>Quaternary Science Reviews</i> , 2019, 225, 105954. | 1.4 | 32 |
| 43 | A multi-proxy reconstruction of moisture dynamics in a peatland ecosystem: A case study from Ąepkeliai, Lithuania. <i>Ecological Indicators</i> , 2019, 106, 105484. | 2.6 | 6 |
| 44 | $\delta^{13}C$ values of bacterial hopanoids and leaf waxes as tracers for methanotrophy in peatlands. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 260, 244-256. | 1.6 | 30 |
| 45 | Dispersal limitations and historical factors determine the biogeography of specialized terrestrial protists. <i>Molecular Ecology</i> , 2019, 28, 3089-3100. | 2.0 | 34 |
| 46 | Increased radiocarbon dating resolution of ombrotrophic peat profiles reveals periods of disturbance which were previously undetected. <i>Quaternary Geochronology</i> , 2019, 52, 21-28. | 0.6 | 13 |
| 47 | Unveiling tipping points in long-term ecological records from <i>Sphagnum</i> -dominated peatlands. <i>Biology Letters</i> , 2019, 15, 20190043. | 1.0 | 47 |
| 48 | Responses of vegetation and testate amoeba trait composition to fire disturbances in and around a bog in central European lowlands (northern Poland). <i>Quaternary Science Reviews</i> , 2019, 208, 129-139. | 1.4 | 23 |
| 49 | Paleoecological and historical data as an important tool in ecosystem management. <i>Journal of Environmental Management</i> , 2019, 236, 755-768. | 3.8 | 38 |
| 50 | Widespread drying of European peatlands in recent centuries. <i>Nature Geoscience</i> , 2019, 12, 922-928. | 5.4 | 130 |
| 51 | From Climatic to Anthropogenic Drivers: A Multi-Proxy Reconstruction of Vegetation and Peatland Development in the French Jura Mountains. <i>Quaternary</i> , 2019, 2, 38. | 1.0 | 9 |
| 52 | Combining multiple proxies to investigate water table fluctuations in wetlands: A case study from the Rākyva wetland complex, Lithuania. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 514, 453-463. | 1.0 | 4 |
| 53 | Impact of warming and reduced precipitation on photosynthetic and remote sensing properties of peatland vegetation. <i>Environmental and Experimental Botany</i> , 2019, 160, 71-80. | 2.0 | 37 |
| 54 | Holocene vegetation and hydroclimatic dynamics in SE Lithuania – Implications from a multi-proxy study of the Ąepkeliai bog. <i>Quaternary International</i> , 2019, 501, 219-239. | 0.7 | 18 |

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|----|---|-----|-----------|
| 55 | Late-Holocene vegetation dynamics in response to a changing climate and anthropogenic influences – Insights from stratigraphic records and subfossil trees from southeast Lithuania. <i>Quaternary Science Reviews</i> , 2018, 185, 91-101. | 1.4 | 9 |
| 56 | The Impact of Experimental Temperature and Water Level Manipulation on Carbon Dioxide Release in a Poor Fen in Northern Poland. <i>Wetlands</i> , 2018, 38, 551-563. | 0.7 | 31 |
| 57 | Scots pine (<i>Pinus sylvestris</i> L.) based reconstruction of 1300 years of water table fluctuations in a peatland and its relevance for moisture variability assessments. <i>Journal of Hydrology</i> , 2018, 558, 509-519. | 2.3 | 6 |
| 58 | The Role of Peatlands and Their Carbon Storage Function in the Context of Climate Change. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2018, , 169-187. | 0.2 | 37 |
| 59 | Palaeohydrology and the human impact on one of the largest raised bogs complex in the Western Carpathians (Central Europe) during the last two millennia. <i>Holocene</i> , 2018, 28, 595-608. | 0.9 | 26 |
| 60 | Tipping point in plant–fungal interactions under severe drought causes abrupt rise in peatland ecosystem respiration. <i>Global Change Biology</i> , 2018, 24, 972-986. | 4.2 | 98 |
| 61 | Long-term population dynamics: Theory and reality in a peatland ecosystem. <i>Journal of Ecology</i> , 2018, 106, 333-346. | 1.9 | 14 |
| 62 | Combining multi-proxy palaeoecology with natural and manipulative experiments – XLII International Moor Excursion to Northern Poland. <i>Open Geosciences</i> , 2018, 10, 634-638. | 0.6 | 0 |
| 63 | Environmental and taxonomic controls of carbon and oxygen stable isotope composition in <i>Sphagnum</i> ; across broad climatic and geographic ranges. <i>Biogeosciences</i> , 2018, 15, 5189-5202. | 1.3 | 25 |
| 64 | Holocene fire activity during low-natural flammability periods reveals scale-dependent cultural human-fire relationships in Europe. <i>Quaternary Science Reviews</i> , 2018, 201, 44-56. | 1.4 | 67 |
| 65 | Latitudinal limits to the predicted increase of the peatland carbon sink with warming. <i>Nature Climate Change</i> , 2018, 8, 907-913. | 8.1 | 188 |
| 66 | Predator–prey mass ratio drives microbial activity under dry conditions in <i>Sphagnum</i> peatlands. <i>Ecology and Evolution</i> , 2018, 8, 5752-5764. | 0.8 | 33 |
| 67 | Reconstructing Early Atlantic to Early Subatlantic peat-forming conditions of the ombrotrophic Misten Bog (eastern Belgium) on the basis of high-resolution analyses of pollen, testate amoebae and geochemistry. <i>Geologica Belgica</i> , 2018, 21, 129-142. | 0.9 | 0 |
| 68 | Resilience of plant and testate amoeba communities after climatic and anthropogenic disturbances in a Baltic bog in Northern Poland: Implications for ecological restoration. <i>Holocene</i> , 2017, 27, 130-141. | 0.9 | 27 |
| 69 | Hydrological conditions and carbon accumulation rates reconstructed from a mountain raised bog in the Carpathians: A multi-proxy approach. <i>Catena</i> , 2017, 152, 57-68. | 2.2 | 27 |
| 70 | Genetic Determinism vs. Phenotypic Plasticity in Protist Morphology. <i>Journal of Eukaryotic Microbiology</i> , 2017, 64, 729-739. | 0.8 | 27 |
| 71 | Introducing global peat-specific temperature and pH calibrations based on GDGT bacterial lipids. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 208, 285-301. | 1.6 | 177 |
| 72 | Soil protistology rebooted: 30 fundamental questions to start with. <i>Soil Biology and Biochemistry</i> , 2017, 111, 94-103. | 4.2 | 130 |

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|----|---|-----|-----------|
| 73 | How warm? How wet? Hydroclimate reconstruction of the past 7500 years in northern Carpathians, Romania. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 482, 1-12. | 1.0 | 33 |
| 74 | Unveiling exceptional Baltic bog ecohydrology, autogenic succession and climate change during the last 2000 years in CE Europe using replicate cores, multi-proxy data and functional traits of testate amoebae. <i>Quaternary Science Reviews</i> , 2017, 156, 90-106. | 1.4 | 64 |
| 75 | First discovery of Holocene Alaskan and Icelandic tephra in Polish peatlands. <i>Journal of Quaternary Science</i> , 2017, 32, 457-462. | 1.1 | 13 |
| 76 | Fire activity and hydrological dynamics in the past 5700 years reconstructed from Sphagnum peatlands along the oceanic–continental climatic gradient in northern Poland. <i>Quaternary Science Reviews</i> , 2017, 177, 145-157. | 1.4 | 24 |
| 77 | Hydrological changes in the Rzecin peatland (Puszcza Notecka, Poland) induced by anthropogenic factors: Implications for mire development and carbon sequestration. <i>Holocene</i> , 2017, 27, 651-664. | 0.9 | 19 |
| 78 | Impacts of regional climatic fluctuations on radial growth of Siberian and Scots pine at Mukhrino mire (central-western Siberia). <i>Science of the Total Environment</i> , 2017, 574, 1209-1216. | 3.9 | 13 |
| 79 | Testate Amoeba Diversity of a Poor Fen on Mineral Soil in the Hilly Area of Central Honshu, Japan. <i>Acta Protozoologica</i> , 2017, 56, . | 0.5 | 1 |
| 80 | A novel testate amoebae trait-based approach to infer environmental disturbance in Sphagnum peatlands. <i>Scientific Reports</i> , 2016, 6, 33907. | 1.6 | 57 |
| 81 | Anthropogenic- and natural sources of dust in peatland during the Anthropocene. <i>Scientific Reports</i> , 2016, 6, 38731. | 1.6 | 34 |
| 82 | Tree encroachment may lead to functionally-significant changes in peatland testate amoeba communities. <i>Soil Biology and Biochemistry</i> , 2016, 98, 18-21. | 4.2 | 28 |
| 83 | Hidden invertebrate diversity - phytotelmata in Bromeliaceae from palm houses and florist wholesalers (Poland). <i>Biologia (Poland)</i> , 2016, 71, 194-203. | 0.8 | 7 |
| 84 | Loss of testate amoeba functional diversity with increasing frost intensity across a continental gradient reduces microbial activity in peatlands. <i>European Journal of Protistology</i> , 2016, 55, 190-202. | 0.5 | 26 |
| 85 | Drought as a stress driver of ecological changes in peatland - A palaeoecological study of peatland development between 3500 BCE and 200 BCE in central Poland. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 461, 272-291. | 1.0 | 43 |
| 86 | Development of a new pan-European testate amoeba transfer function for reconstructing peatland palaeohydrology. <i>Quaternary Science Reviews</i> , 2016, 152, 132-151. | 1.4 | 106 |
| 87 | Subfossil peatland trees as proxies for Holocene palaeohydrology and palaeoclimate. <i>Earth-Science Reviews</i> , 2016, 163, 118-140. | 4.0 | 45 |
| 88 | Abrupt ecological changes in the last 800 years inferred from a mountainous bog using testate amoebae traits and multi-proxy data. <i>European Journal of Protistology</i> , 2016, 55, 165-180. | 0.5 | 27 |
| 89 | Palaeoecology of testate amoebae in a tropical peatland. <i>European Journal of Protistology</i> , 2016, 55, 181-189. | 0.5 | 19 |
| 90 | Significance testing testate amoeba water table reconstructions. <i>Quaternary Science Reviews</i> , 2016, 138, 131-135. | 1.4 | 23 |

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|-----|---|-----|-----------|
| 91 | Recent advances in long-term climate and moisture reconstructions from the Baltic region: Exploring the potential for a new multi-millennial tree-ring chronology. <i>Quaternary Science Reviews</i> , 2016, 131, 118-126. | 1.4 | 15 |
| 92 | Hydrological dynamics and fire history of the last 1300 years in western Siberia reconstructed from a high-resolution, ombrotrophic peat archive. <i>Quaternary Research</i> , 2015, 84, 312-325. | 1.0 | 41 |
| 93 | Reconstructing human impact on peatland development during the past 200 years in CE Europe through biotic proxies and X-ray tomography. <i>Quaternary International</i> , 2015, 357, 282-294. | 0.7 | 23 |
| 94 | Long-term hydrological dynamics and fire history over the last 2000 years in CE Europe reconstructed from a high-resolution peat archive. <i>Quaternary Science Reviews</i> , 2015, 112, 138-152. | 1.4 | 82 |
| 95 | <i>Arcella peruviana</i> sp. nov. (Amoebozoa: Arcellinida, Arcellidae), a new species from a tropical peatland in Amazonia. <i>European Journal of Protistology</i> , 2015, 51, 437-449. | 0.5 | 13 |
| 96 | Last Millennium hydro-climate variability in Central-Eastern Europe (Northern Carpathians, Romania). <i>Holocene</i> , 2015, 25, 1179-1192. | 0.9 | 65 |
| 97 | Exploring the impact of regional climate and local hydrology on <i>Pinus sylvestris</i> L. growth variability – A comparison between pine populations growing on peat soils and mineral soils in Lithuania. <i>Plant and Soil</i> , 2015, 392, 345-356. | 1.8 | 36 |
| 98 | Peatland Microbial Communities as Indicators of the Extreme Atmospheric Dust Deposition. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 97. | 1.1 | 24 |
| 99 | Palaeoenvironmental changes in Central Europe (NE Poland) during the last 6200 years reconstructed from a high-resolution multi-proxy peat archive. <i>Holocene</i> , 2015, 25, 421-434. | 0.9 | 73 |
| 100 | Reconstructing climate change and ombrotrophic bog development during the last 4000 years in northern Poland using biotic proxies, stable isotopes and trait-based approach. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 418, 261-277. | 1.0 | 100 |
| 101 | Increased tree establishment in Lithuanian peat bogs – Insights from field and remotely sensed approaches. <i>Science of the Total Environment</i> , 2015, 505, 113-120. | 3.9 | 34 |
| 102 | Seasonal changes in <i>Sphagnum</i> peatland testate amoeba communities along a hydrological gradient. <i>European Journal of Protistology</i> , 2014, 50, 445-455. | 0.5 | 54 |
| 103 | Looking forward through the past: identification of 50 priority research questions in palaeoecology. <i>Journal of Ecology</i> , 2014, 102, 256-267. | 1.9 | 212 |
| 104 | A database and synthesis of northern peatland soil properties and Holocene carbon and nitrogen accumulation. <i>Holocene</i> , 2014, 24, 1028-1042. | 0.9 | 404 |
| 105 | Disentangling the drivers for the development of a Baltic bog during the Little Ice Age in northern Poland. <i>Quaternary International</i> , 2014, 328-329, 323-337. | 0.7 | 39 |
| 106 | Response of <i>Sphagnum</i> Peatland Testate Amoebae to a 1-Year Transplantation Experiment Along an Artificial Hydrological Gradient. <i>Microbial Ecology</i> , 2014, 67, 810-818. | 1.4 | 27 |
| 107 | Meeting Report: 7th International Symposium on Testate Amoebae (ISTA-7), Poznań, Poland, 8-12 September 2014 - Research Priorities, Progress and Present Status of Testate Amoeba Research. <i>Protist</i> , 2014, 165, 805-807. | 0.6 | 2 |
| 108 | Dendroecological Dating of Geomorphic Disturbance in Trees. <i>Tree-Ring Research</i> , 2014, 70, 3-20. | 0.4 | 198 |

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|-----|--|-----|-----------|
| 109 | Climate variability and associated vegetation response throughout Central and Eastern Europe (CEE) between 60 and 8 kya. <i>Quaternary Science Reviews</i> , 2014, 106, 206-224. | 1.4 | 188 |
| 110 | Plant functional diversity drives niche structure of dominant microbial consumers along a poor to extremely rich fen gradient. <i>Journal of Ecology</i> , 2014, 102, 1150-1162. | 1.9 | 46 |
| 111 | Ecology of Testate Amoebae in an Amazonian Peatland and Development of a Transfer Function for Palaeohydrological Reconstruction. <i>Microbial Ecology</i> , 2014, 68, 284-298. | 1.4 | 57 |
| 112 | <i>Sphagnum</i> succession in a Baltic bog in central-eastern Europe over the last 6200 years and paleoecology of <i>Sphagnum contortum</i> . <i>Bryologist</i> , 2014, 117, 22-36. | 0.1 | 26 |
| 113 | Effect of taxonomic resolution on ecological and palaeoecological inference – a test using testate amoeba water table depth transfer functions. <i>Quaternary Science Reviews</i> , 2014, 91, 62-69. | 1.4 | 26 |
| 114 | Ecology of testate amoebae in peatlands of central China and development of a transfer function for paleohydrological reconstruction. <i>Journal of Paleolimnology</i> , 2013, 50, 319-330. | 0.8 | 53 |
| 115 | Holocene changes in climate and land use drove shifts in the diversity of testate amoebae in a subalpine pond. <i>Journal of Paleolimnology</i> , 2013, 49, 633-646. | 0.8 | 6 |
| 116 | Palaeoecology of <i>Sphagnum obtusum</i> in NE Poland. <i>Bryologist</i> , 2013, 116, 238-247. | 0.1 | 17 |
| 117 | The performance of single- and multi-proxy transfer functions (testate amoebae, bryophytes, vascular) Tj ETQq1 1 0,784314 rgBT /Ov | 1.0 | 37 |
| 118 | Palaeohydrology, fires and vegetation succession in the southern Baltic during the last 7500 years reconstructed from a raised bog based on multi-proxy data. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 370, 209-221. | 1.0 | 64 |
| 119 | Seasonal patterns of testate amoeba diversity, community structure and species–environment relationships in four <i>Sphagnum</i> -dominated peatlands along a 1300 m altitudinal gradient in Switzerland. <i>Soil Biology and Biochemistry</i> , 2013, 67, 1-11. | 4.2 | 45 |
| 120 | Towards quantitative reconstruction of peatland nutrient status from fens. <i>Holocene</i> , 2013, 23, 1661-1665. | 0.9 | 19 |
| 121 | A 1300-year multi-proxy, high-resolution record from a rich fen in northern Poland: reconstructing hydrology, land use and climate change. <i>Journal of Quaternary Science</i> , 2013, 28, 582-594. | 1.1 | 35 |
| 122 | Testing peatland testate amoeba transfer functions: Appropriate methods for clustered training-sets. <i>Holocene</i> , 2012, 22, 819-825. | 0.9 | 52 |
| 123 | Development and refinement of proxy-climate indicators from peats. <i>Quaternary International</i> , 2012, 268, 21-33. | 0.7 | 144 |
| 124 | How a <i>Sphagnum fuscum</i> -dominated bog changed into a calcareous fen: the unique Holocene history of a Slovak spring-fed mire. <i>Journal of Quaternary Science</i> , 2012, 27, 233-243. | 1.1 | 45 |
| 125 | Testate amoebae in pollen slides. <i>Review of Palaeobotany and Palynology</i> , 2012, 173, 68-79. | 0.8 | 44 |
| 126 | Contrasting responses to environmental changes by pine (<i>Pinus sylvestris</i> L.) growing on peat and mineral soil: An example from a Polish Baltic bog. <i>Dendrochronologia</i> , 2011, 29, 211-217. | 1.0 | 32 |

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|-----|--|-----|-----------|
| 127 | A multi-proxy, high-resolution record of peatland development and its drivers during the last millennium from the subalpine Swiss Alps. <i>Quaternary Science Reviews</i> , 2011, 30, 3467-3480. | 1.4 | 55 |
| 128 | The perils of taxonomic inconsistency in quantitative palaeoecology: experiments with testate amoeba data. <i>Boreas</i> , 2011, 40, 15-27. | 1.2 | 29 |
| 129 | Testate Amoeba (Arcellinida, Euglyphida) Ecology along a Poor-Rich Gradient in Fens of Western Poland. <i>International Review of Hydrobiology</i> , 2011, 96, 356-380. | 0.5 | 28 |
| 130 | Contrasting Species-Environment Relationships in Communities of Testate Amoebae, Bryophytes and Vascular Plants Along the Fen-Bog Gradient. <i>Microbial Ecology</i> , 2010, 59, 499-510. | 1.4 | 65 |
| 131 | A rapid response of testate amoebae and vegetation to inundation of a kettle hole mire. <i>Journal of Paleolimnology</i> , 2010, 43, 499-511. | 0.8 | 16 |
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