

# Petr Kuneš

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

2,811  
citations

186265

28  
h-index

182427

51  
g-index

65  
all docs

65  
docs citations

65  
times ranked

3151  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Sub-fossil bark beetles as indicators of past disturbance events in temperate <i>Picea abies</i> mountain forests. <i>Quaternary Science Reviews</i> , 2022, 275, 107289.  | 3.0  | 5         |
| 2  | Disruption of cultural burning promotes shrub encroachment and unprecedented wildfires. <i>Frontiers in Ecology and the Environment</i> , 2022, 20, 292-300.   | 4.0  | 46        |
| 3  | Mountain aquatic <i>Isoetes</i> populations reflect millennial-scale environmental changes in the Bohemian Forest Ecosystem, Central Europe. <i>Holocene</i> , 2021, 31, 746-759.  | 1.7  | 3         |
| 4  | Holocene plant diversity dynamics show a distinct biogeographical pattern in temperate Europe. <i>Journal of Biogeography</i> , 2021, 48, 1366-1376.   | 3.0  | 9         |
| 5  | Global acceleration in rates of vegetation change over the past 18,000 years. <i>Science</i> , 2021, 372, 860-864.   | 12.6 | 136       |
| 6  | Compositional turnover and variation in Eemian pollen sequences in Europe. <i>Vegetation History and Archaeobotany</i> , 2020, 29, 101-109.  | 2.1  | 20        |
| 7  | Pollen-based climate reconstruction techniques for late Quaternary studies. <i>Earth-Science Reviews</i> , 2020, 210, 103384.  | 9.1  | 123       |
| 8  | Integration of dendrochronological and palaeoecological disturbance reconstructions in temperate mountain forests. <i>Forest Ecology and Management</i> , 2020, 475, 118413.   | 3.2  | 11        |
| 9  | Changes in species composition and diversity of a montane beetle community over the last millennium in the High Tatras, Slovakia: Implications for forest conservation and management. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 555, 109834. | 2.3  | 10        |
| 10 | The role of climate-fuel feedbacks on Holocene biomass burning in upper-montane Carpathian forests. <i>Global and Planetary Change</i> , 2020, 193, 103264.  | 3.5  | 10        |
| 11 | 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.  | 3.3  | 52        |
| 12 | Conservation targets from the perspective of a palaeoecological reconstruction. <i>Preslia</i> , 2020, 92, .   | 2.8  | 7         |
| 13 | Relative pollen productivity estimates for vegetation reconstruction in central-eastern Europe inferred at local and regional scales. <i>Holocene</i> , 2019, 29, 1708-1719.   | 1.7  | 12        |
| 14 | Holocene rapid climate changes and ice-rafting debris events reflected in high-resolution European charcoal records. <i>Quaternary Science Reviews</i> , 2019, 222, 105877.  | 3.0  | 22        |
| 15 | Divergent fire history trajectories in Central European temperate forests revealed a pronounced influence of broadleaved trees on fire dynamics. <i>Quaternary Science Reviews</i> , 2019, 222, 105865.  | 3.0  | 23        |
| 16 | Changing disturbance-diversity relationships in temperate ecosystems over the past 12000 years. <i>Journal of Ecology</i> , 2019, 107, 1678-1688.  | 4.0  | 16        |
| 17 | Population and forest dynamics during the Central European Eneolithic (4500-2000 BC). <i>Archaeological and Anthropological Sciences</i> , 2018, 10, 1153-1164.  | 1.8  | 17        |
| 18 | Human-induced changes in fire regime and subsequent alteration of the sandstone landscape of Northern Bohemia (Czech Republic). <i>Holocene</i> , 2018, 28, 427-443.   | 1.7  | 25        |

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|----|--|-----|-----------|
| 19 | Holocene-scale fire dynamics of central European temperate spruce-beech forests. <i>Quaternary Science Reviews</i> , 2018, 191, 15-30.   | 3.0 | 32        |
| 20 | Millennial to centennial vegetation change. <i>Journal of Vegetation Science</i> , 2018, 29, 357-359.  | 2.2 | 0         |
| 21 | Using historical ecology to reassess the conservation status of coniferous forests in Central Europe. <i>Conservation Biology</i> , 2017, 31, 150-160.                                       | 4.7 | 31        |
| 22 | How old is the Tasmanian cultural landscape? A test of landscape openness using quantitative land-use reconstructions. <i>Journal of Biogeography</i> , 2017, 44, 2410-2420.                 | 3.0 | 30        |
| 23 | History of Czech Vegetation Since the Late Pleistocene. <i>Plant and Vegetation</i> , 2017, , 193-227.   | 0.6 | 13        |
| 24 | Late-glacial and Holocene European pollen data. <i>Journal of Maps</i> , 2017, 13, 921-928.  | 2.0 | 52        |
| 25 | Quantitative Palynology Informing Conservation Ecology in the Bohemian/Bavarian Forests of Central Europe. <i>Frontiers in Plant Science</i> , 2017, 8, 2268.                                | 3.6 | 23        |
| 26 | Testing quantitative pollen dispersal models in animal-pollinated vegetation mosaics: An example from temperate Tasmania, Australia. <i>Quaternary Science Reviews</i> , 2016, 154, 214-225. | 3.0 | 29        |
| 27 | The origin of grasslands in the temperate forest zone of east-central Europe: long-term legacy of climate and human impact. <i>Quaternary Science Reviews</i> , 2015, 116, 15-27.            | 3.0 | 104       |
| 28 | Pollen-based quantitative reconstructions of Holocene regional vegetation cover (plant functional types) in Central Europe. <i>Quaternary Science Reviews</i> , 2015, 116, 676-697.          | 9.5 | 161       |
| 29 | Migration Patterns of Subgenus <i>Alnus</i> in Europe since the Last Glacial Maximum: A Systematic Review. <i>PLoS ONE</i> , 2014, 9, e88709.  | 2.5 | 42        |
| 30 | Present-Day Vegetation Helps Quantifying Past Land Cover in Selected Regions of the Czech Republic. <i>PLoS ONE</i> , 2014, 9, e100117.  | 2.5 | 29        |
| 31 | Regional climate model simulations for Europe at 6 and 0.2 ka BP: sensitivity to changes in anthropogenic deforestation. <i>Climate of the Past</i> , 2014, 10, 661-680.                     | 3.4 | 68        |
| 32 | Early occurrence of temperate oak-dominated forest in the northern part of the Little Hungarian Plain, SW Slovakia. <i>Holocene</i> , 2014, 24, 1810-1824.                                   | 1.7 | 36        |
| 33 | Quantitative reconstruction of climate variability during the Eemian (Merkinė) and Weichselian (Nemunas) in Lithuania. <i>Quaternary Research</i> , 2014, 82, 229-235.                       | 1.7 | 18        |
| 34 | Towards mapping the late Quaternary vegetation change of Europe. <i>Vegetation History and Archaeobotany</i> , 2014, 23, 75-86.  | 2.1 | 105       |
| 35 | Closing the gap between plant ecology and Quaternary palaeoecology. <i>Journal of Vegetation Science</i> , 2014, 25, 1188-1194.  | 2.2 | 15        |
| 36 | Climate variability and associated vegetation response throughout Central and Eastern Europe (CEE) between 60 and 8 ka. <i>Quaternary Science Reviews</i> , 2014, 106, 206-224.              | 3.0 | 188       |

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|----|---|-----|-----------|
| 37 | Late Pleniglacial vegetation in eastern-central Europe: are there modern analogues in Siberia?. <i>Quaternary Science Reviews</i> , 2014, 95, 60-79.  | 3.0 | 88        |
| 38 | The European Modern Pollen Database (EMPD) project. <i>Vegetation History and Archaeobotany</i> , 2013, 22, 521-530.  | 2.1 | 101       |
| 39 | Continuity and change in the vegetation of a Central European oakwood. <i>Holocene</i> , 2013, 23, 46-56.   | 1.7 | 34        |
| 40 | A new Middle Pleistocene interglacial record from Denmark: Chronostratigraphic correlation, palaeovegetation and fire dynamics. <i>Boreas</i> , 2013, 42, 596-612.  | 2.4 | 6         |
| 41 | Lateglacial to Holocene rapid crater infilling of a MIS 2 maar volcano (Westerfeld Volcanic Field, Germany): environmental history and geomorphological feedback mechanisms. <i>Boreas</i> , 2013, 42, 947-958.   | 2.4 | 1         |
| 42 | Quantitative reconstructions of changes in regional openness in north-central Europe reveal new insights into old questions. <i>Quaternary Science Reviews</i> , 2012, 47, 131-149.   | 3.0 | 109       |
| 43 | Testing the effect of site selection and parameter setting on REVEALS-model estimates of plant abundance using the Czech Quaternary Palynological Database. <i>Review of Palaeobotany and Palynology</i> , 2012, 187, 38-49.  | 1.5 | 146       |
| 44 | Soil phosphorus as a control of productivity and openness in temperate interglacial forest ecosystems. <i>Journal of Biogeography</i> , 2011, 38, 2150-2164.  | 3.0 | 50        |
| 45 | New Radiocarbon Data for the North Bohemian Mesolithic. <i>Interdisciplinaria Archaeologica</i> , 2011, II, 151-157.  | 0.2 | 2         |
| 46 | A multiproxy record of late Holocene natural and anthropogenic environmental change from the Sphagnum peat bog Dürres Maar, Germany: implications for quantitative climate reconstructions based on pollen. <i>Journal of Quaternary Science</i> , 2010, 25, 675-688. | 2.1 | 19        |
| 47 | Holocene land-cover reconstructions for studies on land cover-climate feedbacks. <i>Climate of the Past</i> , 2010, 6, 483-499.   | 3.4 | 214       |
| 48 | Climatic evolution during the Middle Pleistocene warm period of Bilshausen, Germany, compared to the Holocene. <i>Quaternary Science Reviews</i> , 2010, 29, 3736-3749.   | 3.0 | 22        |
| 49 | 5. Koňávek (S. Bohemia, Czech Republic). <i>Grana</i> , 2009, 48, 77-78.  | 0.8 | 4         |
| 50 | The European Pollen Database: past efforts and current activities. <i>Vegetation History and Archaeobotany</i> , 2009, 18, 417-424.   | 2.1 | 106       |
| 51 | Vegetation and climate history in the Westeifel Volcanic Field (Germany) during the past 11 000 years based on annually laminated lacustrine maar sediments. <i>Boreas</i> , 2009, 38, 679-690.   | 2.4 | 117       |
| 52 | Detection of the impact of early Holocene hunter-gatherers on vegetation in the Czech Republic, using multivariate analysis of pollen data. <i>Vegetation History and Archaeobotany</i> , 2008, 17, 269-287.  | 2.1 | 51        |
| 53 | Interpretation of the last glacial vegetation of eastern-central Europe using modern analogues from southern Siberia. <i>Journal of Biogeography</i> , 2008, 35, 2223-2236.   | 3.0 | 99        |
| 54 | The relationships of modern pollen spectra to vegetation and climate along a steppe-forest-tundra transition in southern Siberia, explored by decision trees. <i>Holocene</i> , 2008, 18, 1259-1271.  | 1.7 | 36        |

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|----|---|-----|-----------|
| 55 | 16. Quantitative time-series reconstructions of holsteinian and Eemian temperatures using botanical data. <i>Developments in Quaternary Sciences</i> , 2007, , 239-254.                 | 0.1 | 13        |
| 56 | 1. Fláječské Kiefern (Krušné Hory Mountains): Late Glacial and Holocene vegetation development. <i>Grana</i> , 2007, 46, 214-216.   | 0.8 | 8         |
| 57 | Insight into the environment of a pre-Roman Iron Age hillfort at Vladač, Czech Republic, using a multi-proxy approach. <i>Vegetation History and Archaeobotany</i> , 2006, 15, 419-433. | 2.1 | 21        |
| 58 | Comparative biology of four <i>Rhodanthidium</i> species (Hymenoptera, Megachilidae) that nest in snail shells. <i>Journal of Hymenoptera Research</i> , 0, 85, 11-28.                  | 0.8 | 3         |