

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	Holocene land-cover reconstructions for studies on land cover-climate feedbacks. <i>Climate of the Past</i> , 2010, 6, 483-499.	3.4	214
2	Climate variability and associated vegetation response throughout Central and Eastern Europe (CEE) between 60 and 8 Åka. <i>Quaternary Science Reviews</i> , 2014, 106, 206-224.	3.0	188
3	Pollen-based quantitative reconstructions of Holocene regional vegetation cover (plant-functional) Tj ETQq1 1 0.784314 rgBT /Ov 676-697.	9.5	161
4	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
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	Pollen-based climate reconstruction techniques for late Quaternary studies. <i>Earth-Science Reviews</i> , 2020, 210, 103384.	9.1	123
7	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
8	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
9	The European Pollen Database: past efforts and current activities. <i>Vegetation History and Archaeobotany</i> , 2009, 18, 417-424.	2.1	106
10	Towards mapping the late Quaternary vegetation change of Europe. <i>Vegetation History and Archaeobotany</i> , 2014, 23, 75-86.	2.1	105
11	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
12	The European Modern Pollen Database (EMPD) project. <i>Vegetation History and Archaeobotany</i> , 2013, 22, 521-530.	2.1	101
13	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
14	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
15	Regional climate model simulations for Europe at 6 and 0.2 k BP: sensitivity to changes in anthropogenic deforestation. <i>Climate of the Past</i> , 2014, 10, 661-680.	3.4	68
16	Late-glacial and Holocene European pollen data. <i>Journal of Maps</i> , 2017, 13, 921-928.	2.0	52
17	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
18	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

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19	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
20	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
21	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
22	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
23	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
24	Continuity and change in the vegetation of a Central European oakwood. <i>Holocene</i> , 2013, 23, 46-56.	1.7	34
25	Holocene-scale fire dynamics of central European temperate spruce-beech forests. <i>Quaternary Science Reviews</i> , 2018, 191, 15-30.	3.0	32
26	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
27	How old is the Tasmanian cultural landscape? A test of landscape openness using quantitative land-cover reconstructions. <i>Journal of Biogeography</i> , 2017, 44, 2410-2420.	3.0	30
28	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
29	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
30	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
31	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
32	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
33	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
34	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
35	Insight into the environment of a pre-Roman Iron Age hillfort at Vladař TM , Czech Republic, using a multi-proxy approach. <i>Vegetation History and Archaeobotany</i> , 2006, 15, 419-433.	2.1	21
36	Compositional turnover and variation in Eemian pollen sequences in Europe. <i>Vegetation History and Archaeobotany</i> , 2020, 29, 101-109.	2.1	20

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37	A multiproxy record of late Holocene natural and anthropogenic environmental change from the Sphagnum peat bog DÄ¼rres Maar, Germany: implications for quantitative climate reconstructions based on pollen. <i>Journal of Quaternary Science</i> , 2010, 25, 675-688.	2.1	19
38	Quantitative reconstruction of climate variability during the Eemian (MerkinÄ—) and Weichselian (Nemunas) in Lithuania. <i>Quaternary Research</i> , 2014, 82, 229-235.	1.7	18
39	Population and forest dynamics during the Central European Eneolithic (4500â€“2000 BC). <i>Archaeological and Anthropological Sciences</i> , 2018, 10, 1153-1164.	1.8	17
40	Changing disturbanceâ€“diversity relationships in temperate ecosystems over the past 12000Äyears. <i>Journal of Ecology</i> , 2019, 107, 1678-1688.	4.0	16
41	Closing the gap between plant ecology and Quaternary palaeoecology. <i>Journal of Vegetation Science</i> , 2014, 25, 1188-1194.	2.2	15
42	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
43	History of Czech Vegetation Since the Late Pleistocene. <i>Plant and Vegetation</i> , 2017, , 193-227.	0.6	13
44	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
45	Integration of dendrochronological and palaeoecological disturbance reconstructions in temperate mountain forests. <i>Forest Ecology and Management</i> , 2020, 475, 118413.	3.2	11
46	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
47	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
48	Holocene plant diversity dynamics show a distinct biogeographical pattern in temperate Europe. <i>Journal of Biogeography</i> , 2021, 48, 1366-1376.	3.0	9
49	1. FlÄ¼jeâ€“Kiefern (KruÅ¡nÄ© Hory Mountains): Late Glacial and Holocene vegetation development. <i>Grana</i> , 2007, 46, 214-216.	0.8	8
50	Conservation targets from the perspective of a palaeoecological reconstruction. <i>Preslia</i> , 2020, 92, .	2.8	7
51	A new <sc>M</sc>iddle <sc>P</sc>leistocene interglacial record from <sc>D</sc>enmark: Chronostratigraphic correlation, palaeovegetation and fire dynamics. <i>Boreas</i> , 2013, 42, 596-612.	2.4	6
52	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
53	5. KoÅ¾alÄ—(S. Bohemia, Czech Republic). <i>Grana</i> , 2009, 48, 77-78.	0.8	4
54	Mountain aquatic <i>IsoÄ«tes</i> populations reflect millennial-scale environmental changes in the Bohemian Forest Ecosystem, Central Europe. <i>Holocene</i> , 2021, 31, 746-759.	1.7	3

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55	Comparative biology of four Rhodanthidium species (Hymenoptera, Megachilidae) that nest in snail shells. Journal of Hymenoptera Research, 0, 85, 11-28.	0.8	3
56	New Radiocarbon Data for the North Bohemian Mesolithic. Interdisciplinaria Archaeologica, 2011, II, 151-157.	0.2	2
57	Lateglacial to <sc>H</sc>olocene rapid crater infilling of a <sc>MIS</sc> 2 maar volcano (<sc>W</sc>estâ€<sc>E</sc>ifel <sc>V</sc>olcanic <sc>F</sc>ield, <sc>G</sc>ermany): environmental history and geomorphological feedback mechanisms. Boreas, 2013, 42, 947-958.	2.4	1
58	Millennial to centennial vegetation change. Journal of Vegetation Science, 2018, 29, 357-359.	2.2	0