Boris VanniÃ¨re

List of Publications by Year
in descending order

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92	6,063	57719	76872
papers	citations	44 h-index	74 g-index

102	102	102	5132
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Climate-driven Mediterranean fire hazard assessments for 2020â€“2100 on the light of past millennial variability. Climatic Change, 2022, 170, 1.	1.7	4
2	How to highlight slash-and-burn agriculture in ancient soils? A modern baseline of agrarian fire imprint in the Guatemalan lowlands using charcoal particle analysis. Journal of Archaeological Science: Reports, 2021, 35, 102725.	0.2	3
3	Climate reconstructions based on GDGT and pollen surface datasets from Mongolia and Baikal area: calibrations and applicability to extremely coldâ€“dry environments over the Late Holocene. Climate of the Past, 2021, 17, 1199-1226.	1.3	12
4	Olive groves around the lake. A ten-thousand-year history of a Cretan landscape (Greece) reveals the dominant role of humans in making this Mediterranean ecosystem. Quaternary Science Reviews, 2021, 267, 107072.	1.4	10
5	Fires and human activities as key factors in the high diversity of Corsican vegetation. Holocene, 2020, 30, 244-257.	0.9	20
6	Evaluating fossil charcoal representation in small peat bogs: Detailed Holocene fire records from southern Sweden. Holocene, 2020, 30, 1540-1551.	0.9	5
7	Ancient parasites from a peat bog: New insights into animal presence and husbandry in Crete over the past 2000 years. Holocene, 2020, 30, 1243-1253.	0.9	2
8	Combining the Monthly Drought Code and Paleoecological Data to Assess Holocene Climate Impact on Mediterranean Fire Regime. Fire, 2020, 3, 8.	1.2	5
9	Past African dust inputs in the western Mediterranean area controlled by the complex interaction between the Intertropical Convergence Zone, the North Atlantic Oscillation, and total solar irradiance. Climate of the Past, 2020, 16, 283-298.	1.3	16
10	Fire hazard modulation by long-term dynamics in land cover and dominant forest type in eastern and central Europe. Biogeosciences, 2020, 17, 1213-1230.	1.3	52
11	Recent fire regime in the southern boreal forests of western Siberia is unprecedented in the last five millennia. Quaternary Science Reviews, 2020, 244, 106495.	1.4	46
12	Emergence and Evolution of Anthropogenic Landscapes in the Western Mediterranean and Adjacent Atlantic Regions. Fire, 2019, 2, 53.	1.2	9
13	Fire frequency and intensity associated with functional traits of dominant forest type in the Balkans during the Holocene. European Journal of Forest Research, 2019, 138, 1049-1066.	1.1	9
14	Fire as a motor of rapid environmental degradation during the earliest peopling of Malta 7500 years ago. Quaternary Science Reviews, 2019, 212, 199-205.	1.4	13
15	Holocene demographic fluctuations, climate and erosion in the Mediterranean: A meta data-analysis. Holocene, 2019, 29, 864-885.	0.9	54
16	Humans take control of fire-driven diversity changes in Mediterranean Iberiaâ€™s vegetation during the midâ€“late Holocene. Holocene, 2019, 29, 886-901.	0.9	54
17	Cause-and-effect in Mediterranean erosion: The role of humans and climate upon Holocene sediment flux into a central Anatolian lake catchment. Geomorphology, 2019, 331, 36-48.	1.1	26
18	Hyperspectral core logging for fire reconstruction studies. Journal of Paleolimnology, 2018, 59, 297-308.	0.8	10

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19	Exploring the influence of local controls on fire activity using multiple charcoal records from northern Romanian Carpathians. Quaternary International, 2018, 488, 41-57.	0.7	21
20	Global Modern Charcoal Dataset (GMCD): A tool for exploring proxy-fire linkages and spatial patterns of biomass burning. Quaternary International, 2018, 488, 3-17.	0.7	43
21	The sedimentary and remoteâ€sensing reflection of biomass burning in Europe. Global Ecology and Biogeography, 2018, 27, 199-212.	2.7	73
22	Incandescenceâ€based singleâ€particle method for black carbon quantification in lake sediment cores. Limnology and Oceanography: Methods, 2018, 16, 711-721.	1.0	5
23	Holocene fire activity during low-natural flammability periods reveals scale-dependent cultural human-fire relationships in Europe. Quaternary Science Reviews, 2018, 201, 44-56.	1.4	67
24	Sparking New Opportunities for Charcoal-Based Fire History Reconstructions. Fire, 2018, 1, 7.	1.2	9
25	Global fire history of grassland biomes. Ecology and Evolution, 2018, 8, 8831-8852.	0.8	46
26	Taking Fire Science and Practice to the Next Level: Report from the PAGES Global Paleofire Working Group Workshop 2017 in Montreal, Canada â€“ Paleofire Knowledge for Current and Future Ecosystem Management. Open Quaternary, 2018, 4, .	0.5	5
27	Broadleaf deciduous forest counterbalanced the direct effect of climate on Holocene fire regime in hemiboreal/boreal region (NE Europe). Quaternary Science Reviews, 2017, 169, 378-390.	1.4	61
28	Human-shaped landscape history in NE Greece. A palaeoenvironmental perspective. Journal of Archaeological Science: Reports, 2017, 15, 405-422.	0.2	9
29	Fire has been an important driver of forest dynamics in the Carpathian Mountains during the Holocene. Forest Ecology and Management, 2017, 389, 15-26.	1.4	64
30	Natural and human-driven fire regime and land-cover changes in Central and Eastern Europe. Past Global Change Magazine, 2017, 25, 115-115.	0.4	3
31	Reconstructions of biomass burning from sediment-charcoal records to improve dataâ€“model comparisons. Biogeosciences, 2016, 13, 3225-3244.	1.3	142
32	2000 Years of Grazing History and the Making of the Cretan Mountain Landscape, Greece. PLoS ONE, 2016, 11, e0156875.	1.1	24
33	Fire in the Earth System: Bridging Data and Modeling Research. Bulletin of the American Meteorological Society, 2016, 97, 1069-1072.	1.7	11
34	Land use development and environmental responses since the Neolithic around Lake Paladru in the French Pre-alps. Journal of Archaeological Science: Reports, 2016, 7, 48-59.	0.2	10
35	Erosion under climate and human pressures: An alpine lake sediment perspective. Quaternary Science Reviews, 2016, 152, 1-18.	1.4	106
36	7000-year human legacy of elevation-dependent European fire regimes. Quaternary Science Reviews, 2016, 132, 206-212.	1.4	70

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37	Global Paleofire Working Group phase 2 (GPWG2). Past Global Change Magazine, 2016, 24, 31-31.	0.4	1
38	Climate and Biomass Control on Fire Activity during the Late-Glacial/Early-Holocene Transition in Temperate Ecosystems of the Upper Rhone Valley (France). Quaternary Research, 2015, 83, 94-104.	1.0	13
39	Biomass burning response to high-amplitude climate and vegetation changes in Southwestern France from the Last Glacial to the early Holocene. Vegetation History and Archaeobotany, 2014, 23, 729-742.	1.0	18
40	A compilation of Western European terrestrial records 60â€“8ÂkaÂBP: towards an understanding of latitudinal climatic gradients. Quaternary Science Reviews, 2014, 106, 167-185.	1.4	121
41	paleofire: An R package to analyse sedimentary charcoal records from the Global Charcoal Database to reconstruct past biomass burning. Computers and Geosciences, 2014, 72, 255-261.	2.0	113
42	Climate and land-use change during the late Holocene at Lake Ledro (southern Alps, Italy). Holocene, 2014, 24, 591-602.	0.9	22
43	Multi-Scale Analyses of Fire-Climate-Vegetation Interactions on Millennial Scales. Past Global Change Magazine, 2014, 22, 40-40.	0.4	4
44	12,000-Years of fire regime drivers in the lowlands of Transylvania (Central-Eastern Europe): a data-model approach. Quaternary Science Reviews, 2013, 81, 48-61.	1.4	104
45	Vegetation history and landscape management from 6500 to 1500Âcal. b.p. at Lac dâ€™Antre, Gallo-Roman sanctuary of Villards dâ€™HÃ©ria, Jura, France. Vegetation History and Archaeobotany, 2013, 22, 83-97.	1.0	10
46	Global biomass burning: a synthesis and review of Holocene paleofire records and their controls. Quaternary Science Reviews, 2013, 65, 5-25.	1.4	297
47	Holocene land-use evolution and associated soil erosion in the French Prealps inferred from Lake Paladru sediments and archaeological evidences. Journal of Archaeological Science, 2013, 40, 1636-1645.	1.2	57
48	7000 years of vegetation history and land-use changes in the Morvan Mountains (France): A regional synthesis. Holocene, 2013, 23, 1888-1902.	0.9	24
49	AGRARIAN FEATURES, FARMSTEADS, AND HOMESTEADS IN THE RÃO BEC NUCLEAR ZONE, MEXICO. Ancient Mesoamerica, 2013, 24, 397-413.	0.2	30
50	Exploring potential drivers of <scp>E</scp>uropean biomass burning over the <scp>H</scp>olocene: a dataâ€model analysis. Global Ecology and Biogeography, 2013, 22, 1248-1260.	2.7	48
51	Land-use changes and environmental dynamics in the upper Rhone valley since Neolithic times inferred from sediments in Lac Moras. Holocene, 2013, 23, 961-973.	0.9	27
52	A 2000 year long seasonal record of floods in the southern European Alps. Geophysical Research Letters, 2013, 40, 4025-4029.	1.5	65
53	Orbital changes, variation in solar activity and increased anthropogenic activities: controls on the Holocene flood frequency in the Lake Ledro area, Northern Italy. Climate of the Past, 2013, 9, 1193-1209.	1.3	62
54	The last 7 millennia of vegetation and climate changes at Lago di Pergusa (central Sicily, Italy). Climate of the Past, 2013, 9, 1969-1984.	1.3	75

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55	Mass-movement and flood-induced deposits in Lake Ledro, southern Alps, Italy: implications for Holocene palaeohydrology and natural hazards. Climate of the Past, 2013, 9, 825-840.	1.3	72
56	Northâ€“south palaeohydrological contrasts in the central Mediterranean during the Holocene: tentative synthesis and working hypotheses. Climate of the Past, 2013, 9, 2043-2071.	1.3	195
57	Climate and vegetation changes during the Lateglacial and earlyâ€“middle Holocene at Lake Ledro (southern Alps, Italy). Climate of the Past, 2013, 9, 913-933.	1.3	40
58	Quantitative and regional reconstructions of Holocene fire history in Europe. Quaternary International, 2012, 279-280, 516.	0.7	0
59	Spatio-temporal patterns of Holocene environmental change in southern Sicily. Palaeogeography, Palaeoclimatology, Palaeoecology, 2012, 323-325, 110-122.	1.0	65
60	A Review of 2000 Years of Paleoclimatic Evidence in the Mediterranean. , 2012, , 87-185.		86
61	Predictability of biomass burning in response to climate changes. Global Biogeochemical Cycles, 2012, 26, .	1.9	201
62	Pollen-based reconstruction of Holocene vegetation and climate in southern Italy: the case of Lago Trifoglietti. Climate of the Past, 2012, 8, 1973-1996.	1.3	66
63	Contrasting patterns of precipitation seasonality during the Holocene in the southâ€•and northâ€•central Mediterranean. Journal of Quaternary Science, 2012, 27, 290-296.	1.1	110
64	Holocene history of fire, vegetation and land use from the central Pyrenees (France). Quaternary Research, 2012, 77, 54-64.	1.0	46
65	Holocene palaeohydrological changes in the northern Mediterranean borderlands as reflected by the lake-level record of lake ledro, northeastern Italy. Quaternary Research, 2012, 77, 382-396.	1.0	81
66	Holocene fire regime changes from multiple-site sedimentary charcoal analyses in the Lourdes basin (Pyrenees, France). Quaternary Science Reviews, 2011, 30, 1696-1709.	1.4	52
67	Holocene hydrological changes in south-western Mediterranean as recorded by lake-level fluctuations at Lago Preola, a coastal lake in southern Sicily, Italy. Quaternary Science Reviews, 2011, 30, 2459-2475.	1.4	110
68	Quantitative estimates of temperature and precipitation changes over the last millennium from pollen and lake-level data at Lake Joux, Swiss Jura Mountains. Quaternary Research, 2011, 75, 45-54.	1.0	28
69	Pollen and non-pollen palynomorph evidence of medieval farming activities in southwestern Greenland. Vegetation History and Archaeobotany, 2010, 19, 427-438.	1.0	87
70	Solar and proxy-sensitivity imprints on paleohydrological records for the last millennium in west-central Europe. Quaternary Research, 2010, 73, 173-179.	1.0	39
71	Response of testate amoeba assemblages to environmental and climatic changes during the Lateglacialâ€“Holocene transition at Lake Lautrey (Jura Mountains, eastern France). Journal of Quaternary Science, 2010, 25, 945-956.	1.1	16
72	Early to midâ€•Holocene climate change at Lago dell'Accesa (central Italy): climate signal or anthropogenic bias?. Journal of Quaternary Science, 2010, 25, 1239-1247.	1.1	43

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73	A fire paradox in ecosystems around the Mediterranean. PAGES News, 2010, 18, 63-65.	0.1	19
74	Possible complexity of the climatic event around 4300â€”3800 cal. BP in the central and western Mediterranean. Holocene, 2009, 19, 823-833.	0.9	175
75	Late-Holocene climatic variability south of the Alps as recorded by lake-level fluctuations at Lake Ledro, Trentino, Italy. Holocene, 2009, 19, 575-589.	0.9	49
76	Fire frequency and landscape management in the northwestern Pyrenean piedmont, France, since the early Neolithic (8000 cal. BP). Holocene, 2009, 19, 847-859.	0.9	66
77	Response of broadleaved evergreen Mediterranean forest vegetation to fire disturbance during the Holocene: insights from the periâ€Adriatic region. Journal of Biogeography, 2009, 36, 314-326.	1.4	71
78	Occupation and land-use history of a medium mountain from the Mid-Holocene: A multidisciplinary study performed in the South Cantal (French Massif Central). Comptes Rendus - Palevol, 2009, 8, 737-748.	0.1	17
79	Quantitative reconstruction of climatic variations during the Bronze and early Iron ages based on pollen and lake-level data in the NW Alps, France. Quaternary International, 2009, 200, 102-110.	0.7	52
80	Changes in fire regimes since the Last Glacial Maximum: an assessment based on a global synthesis and analysis of charcoal data. Climate Dynamics, 2008, 30, 887-907.	1.7	590
81	Climate versus human-driven fire regimes in Mediterranean landscapes: the Holocene record of Lago dellâ€™Accesa (Tuscany, Italy). Quaternary Science Reviews, 2008, 27, 1181-1196.	1.4	205
82	Palaeohydrological changes and human-impact history over the last millennium recorded at Lake Joux in the Jura Mountains, Switzerland. Holocene, 2008, 18, 255-265.	0.9	34
83	Fireâ€”vegetation interactions during the Mesolithicâ€”Neolithic transition at Lago dell'Accesa, Tuscany, Italy. Holocene, 2008, 18, 679-692.	0.9	121
84	Chronologie et spatialisation de retombÃ©es de cendres volcaniques tardiglaciaires dans les massifs des Vosges et du Jura, et le plateau suisse. Quaternaire, 2008, , 117-137.	0.1	26
85	Early-Holocene climatic oscillations recorded by lake-level fluctuations in west-central Europe and in central Italy. Quaternary Science Reviews, 2007, 26, 1951-1964.	1.4	100
86	Holocene climate changes in the central Mediterranean as recorded by lake-level fluctuations at Lake Accesa (Tuscany, Italy). Quaternary Science Reviews, 2007, 26, 1736-1758.	1.4	236
87	Landuse and soil degradation in the southern Maya lowlands, from Pre-Classic to Post-Classic times: The case of La Joyanca (PetÃ©n, Guatemala). Geodinamica Acta, 2007, 20, 195-207.	2.2	18
88	Response of littoral chironomid communities and organic matter to late glacial lakeâ€level, vegetation and climate changes at Lago dellâ€™Accesa (Tuscany, Italy). Journal of Paleolimnology, 2007, 38, 525-539.	0.8	22
89	Environmental and climatic changes in the Jura mountains (eastern France) during the Lateglacialâ€“Holocene transition: a multi-proxy record from Lake Lautrey. Quaternary Science Reviews, 2006, 25, 414-445.	1.4	94
90	Climatic oscillations in central Italy during the Last Glacialâ€“Holocene transition: the record from Lake Accesa. Journal of Quaternary Science, 2006, 21, 311-320.	1.1	97

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91	High-resolution record of environmental changes and tephrochronological markers of the Last Glacial-Holocene transition at Lake Lautrey (Jura, France). Journal of Quaternary Science, 2004, 19, 797-808.	1.1	24
92	Land use change, soil erosion and alluvial dynamic in the lower Doubs Valley over the 1st millenium AD (Neublans, Jura, France). Journal of Archaeological Science, 2003, 30, 1283-1299.	1.2	42