

Klaas van der Borg

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5267090/publications.pdf>

Version: 2024-02-01

100
papers

3,626
citations

109264

35
h-index

143943

57
g-index

101
all docs

101
docs citations

101
times ranked

3530
citing authors

#	ARTICLE	IF	CITATIONS
1	Holocene climate variability in Europe: Evidence from $\delta^{18}O$, textural and extension-rate variations in three speleothems. <i>Quaternary Science Reviews</i> , 1999, 18, 1021-1038.	1.4	200
2	Accurate Dating of Organic Deposits by AMS ^{14}C Measurement of Macrofossils. <i>Radiocarbon</i> , 1992, 34, 566-577.	0.8	160
3	Deciphering Holocene sea-level history on the U.S. Gulf Coast: A high-resolution record from the Mississippi Delta. <i>Bulletin of the Geological Society of America</i> , 2004, 116, 1026.	1.6	157
4	A Revised Chronology for Mississippi River Subdeltas. <i>Science</i> , 1996, 273, 1693-1696.	6.0	156
5	Direct Evidence for a New Giant Resonance at $80A^{13}MeV$ in the Lead Region. <i>Physical Review Letters</i> , 1977, 38, 676-679.	2.9	134
6	Sea level-climate correlation during the past 1400 yr. <i>Geology</i> , 1998, 26, 319.	2.0	123
7	How stable is the Mississippi Delta?. <i>Geology</i> , 2006, 34, 697.	2.0	123
8	Calcite Moonmilk: Crystal Morphology and Environment of Formation in Caves in the Italian Alps. <i>Journal of Sedimentary Research</i> , 2000, 70, 1171-1182.	0.8	115
9	Late Quaternary central Mediterranean biochronology. <i>Marine Micropaleontology</i> , 1993, 21, 169-189.	0.5	106
10	Tracking the sea-level signature of the 8.2 ka cooling event: New constraints from the Mississippi Delta. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	97
11	The isoscalar strength distribution in ^{24}Mg , ^{28}Si and ^{40}Ca obtained from inelastic alpha scattering at 120 MeV. <i>Nuclear Physics A</i> , 1981, 365, 243-300.	0.6	90
12	Relationship between Antarctic sea ice and southwest African climate during the late Quaternary. <i>Geology</i> , 2004, 32, 909.	2.0	89
13	Verification of annual growth increments in <i>Arctica islandica</i> L. from the North Sea by means of oxygen and carbon isotopes. <i>Journal of Sea Research</i> , 1994, 33, 91-101.	1.0	87
14	Solar-forced 2600 BP and Little Ice Age highstands of the Caspian Sea. <i>Quaternary International</i> , 2007, 173-174, 137-143.	0.7	82
15	Isoscalar excitations in the lead region observed in inelastic α -scattering at $E_{\alpha} = 120$ MeV. <i>Nuclear Physics A</i> , 1979, 327, 373-396.	0.6	64
16	Cosmic-ray exposure ages of diogenites and the recent collisional history of the howardite, eucrite and diogenite parent body/bodies. <i>Meteoritics and Planetary Science</i> , 1997, 32, 891-902.	0.7	62
17	Early Cotton in North Arabia. <i>Journal of Archaeological Science</i> , 1994, 21, 489-499.	1.2	61
18	Late Pleistocene survival of the saber-toothed cat <i>Homotherium</i> in northwestern Europe. <i>Journal of Vertebrate Paleontology</i> , 2003, 23, 260-262.	0.4	60

#	ARTICLE	IF	CITATIONS
19	Environmental change in the Colombian subandean forest belt from 8 pollen records: the last 50 kyr. <i>Vegetation History and Archaeobotany</i> , 2001, 10, 61-77.	1.0	58
20	Late-Quaternary savanna history of the Colombian Llanos Orientales from Lagunas Chenevo and Mozambique: a transect synthesis. <i>Holocene</i> , 2002, 12, 35-48.	0.9	55
21	Evaluating the annual nature of juvenile rings in Bolivian tropical rainforest trees. <i>Trees - Structure and Function</i> , 2011, 25, 17-27.	0.9	54
22	Accelerator mass spectrometry with ^{14}C and ^{10}Be in utrecht. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1987, 29, 143-145.	0.6	52
23	A cooling event during the Younger Dryas Chron in Costa Rica. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1995, 117, 73-80.	1.0	52
24	Quantitative Determination by ^{14}C Analysis of the Biological Component in Fuels. <i>Radiocarbon</i> , 2006, 48, 315-323.	0.8	52
25	Radiocarbon Dating of Lime Fractions and Organic Material from Buildings. <i>Radiocarbon</i> , 1992, 34, 873-879.	0.8	51
26	Further Radiocarbon Dates from the Catacombs of St. Callixtus in Rome. <i>Radiocarbon</i> , 2007, 49, 1221-1229.	0.8	50
27	Radiocarbon Dates from the Jewish Catacombs of Rome. <i>Radiocarbon</i> , 2002, 44, 541-547.	0.8	49
28	A Late Quaternary Stratigraphic Framework for Eastern Mediterranean Sapropel S1 Based on AMS ^{14}C Dates and Stable Oxygen Isotopes. <i>Radiocarbon</i> , 1991, 33, 15-21.	0.8	48
29	Late Holocene history of savanna gallery forest from Carimagua area, Colombia. <i>Review of Palaeobotany and Palynology</i> , 2000, 111, 295-308.	0.8	48
30	Upland Soil Charcoal in the Wet Tropical Forests of Central Guyana. <i>Biotropica</i> , 2007, 39, 153-160.	0.8	48
31	Lewis Cliff 86360: An Antarctic $\text{L}^6\text{chondrite}$ with a terrestrial age of 2.35 million years. <i>Meteoritics and Planetary Science</i> , 1997, 32, 775-780.	0.7	43
32	Precision and mass fractionation in ^{14}C analysis with AMS. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1997, 123, 97-101.	0.6	41
33	Salt-marsh erosion associated with hurricane landfall in southern New England in the fifteenth and seventeenth centuries. <i>Geology</i> , 2006, 34, 829.	2.0	40
34	Giant Quadrupole Resonance in ^{24}Mg : A Comparison of Inelastic-Scattering and n -Capture Experiments. <i>Physical Review Letters</i> , 1978, 40, 635-638.	2.9	39
35	Jewish inspiration of Christian catacombs. <i>Nature</i> , 2005, 436, 339-339.	13.7	38
36	Use of speleologic data to evaluate Holocene uplifting and tilting: An example from the Frasassi anticline (northeastern Apennines, Italy). <i>Earth and Planetary Science Letters</i> , 2007, 257, 313-328.	1.8	32

#	ARTICLE	IF	CITATIONS
37	Fast and Complete CO ₂ -to-Graphite Conversion for ¹⁴ C Accelerator Mass Spectrometry. Radiocarbon, 1986, 28, 186-190.	0.8	31
38	Submillennium-scale migrations of the rainforest-savanna boundary in Colombia: ¹⁴ C wiggle-matching and pollen analysis of core Las Margaritas. Palaeogeography, Palaeoclimatology, Palaeoecology, 2003, 193, 201-223.	1.0	30
39	Reconstructing the accumulation history of a saltmarsh sediment core: Which age-depth model is best?. Quaternary Geochronology, 2017, 39, 35-67.	0.6	30
40	Excitation of ground and gamma bands in the ²⁴ Mg($\hat{\pm}$, $\hat{\pm}$) ²⁴ Mg reaction at 120 MeV. Nuclear Physics A, 1979, 325, 31-44.	0.6	29
41	A high-resolution study of the giant resonance region in ²⁸ Si by inelastic $\hat{\pm}$ -particle scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1977, 67, 405-408.	1.5	28
42	The ¹⁶ O($\hat{\pm}$, p) ¹⁹ F reaction at $E_{\hat{\pm}} = 40$ MeV. Nuclear Physics A, 1976, 273, 172-188.	0.6	27
43	¹⁴ CH ₄ Emissions from Nuclear Power Plants in Northwestern Europe. Radiocarbon, 1995, 37, 475-483.	0.8	27
44	Climate and pre-Columbian settlement at Anse à la Gourde, Guadeloupe, Northeastern Caribbean. Geoarchaeology - an International Journal, 2006, 21, 271-280.	0.7	26
45	Warming at 18,000 yr B.P. in the Tropical Andes. Quaternary Research, 1996, 45, 289-299.	1.0	23
46	Late Holocene environmental history of southern Chocó region, Pacific Colombia; sediment, diatom and pollen analysis of core El Caimito. Palaeogeography, Palaeoclimatology, Palaeoecology, 2001, 173, 197-214.	1.0	23
47	Holocene paleogeographies of the Palairos coastal plain (Akarnania, northwest Greece) and their geoarchaeological implications. Geoarchaeology - an International Journal, 2006, 21, 649-664.	0.7	23
48	Uplifted Beach Ridges in Northern Spitsbergen as Indicators for Glacio-Isostasy and Palaeo-Oceanography. Zeitschrift für Geomorphologie, 2002, 46, 309-336.	0.3	22
49	Dry extraction of ¹⁴ CO ₂ and ¹⁴ CO from Antarctic ice. Nuclear Instruments & Methods in Physics Research B, 1994, 92, 331-334.	0.6	21
50	The Late Quaternary Sedimentary Record of Reykjanes Ridge, North Atlantic. Radiocarbon, 2001, 43, 939-947.	0.8	21
51	The effect of climate variability on pollen productivity, AD 1975-2000, recorded in a Sphagnum peat hummock. Holocene, 2006, 16, 277-286.	0.9	20
52	Kau Bay, Halmahera, a late quaternary palaeoenvironmental record of a poorly ventilated basin. Journal of Sea Research, 1989, 24, 591-605.	1.0	18
53	¹⁴ C Wiggle-Match Dating in High-Resolution Sea-Level Research. Radiocarbon, 2001, 43, 391-402.	0.8	18
54	Dating Charred Soil Organic Matter: Comparison of Radiocarbon Ages from Macrocharcoals and Chemically Separated Charcoal Carbon. Radiocarbon, 2009, 51, 437-443.	0.8	18

#	ARTICLE	IF	CITATIONS
55	Deposition of sapropel S1 sediments in oxic pelagic and anoxic brine environments in the eastern Mediterranean: differences in diagenesis and preservation. <i>Marine Geology</i> , 1999, 153, 319-335.	0.9	16
56	In situ produced ^{14}C by cosmic ray muons in ablating Antarctic ice. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2002, 54, 186-192.	0.8	16
57	A Novel Approach for Developing High-Resolution Sub-Fossil Peat Chronologies with ^{14}C Dating. <i>Radiocarbon</i> , 2004, 46, 455-463.	0.8	16
58	Erosion rates on subalpine paleosurfaces in the western Mediterranean by in-situ ^{10}Be concentrations in granites: implications for surface processes and long-term landscape evolution in Corsica (France). <i>International Journal of Earth Sciences</i> , 2008, 97, 549-564.	0.9	16
59	Ages and ablation and accumulation rates from ^{14}C measurements on Antarctic ice. <i>Annals of Glaciology</i> , 1995, 21, 139-143.	2.8	15
60	Quantification of airborne fossil and biomass carbon by combined radiocarbon and liquid chromatography mass spectrometry. <i>Atmospheric Environment</i> , 2001, 35, 5695-5707.	1.9	15
61	Direct evidence for $3p\frac{1}{2}^{-}$ excitations in ^{15}N . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1979, 84, 51-54.	1.5	14
62	On the excitation of isovector dipole strength by inelastic proton scattering in the giant resonance region in light nuclei. <i>Nuclear Physics A</i> , 1980, 341, 219-228.	0.6	14
63	Measurements of the ^{14}C content of atmospheric methane in The Netherlands to determine the regional emissions of $^{14}\text{CH}_4$. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1994, 92, 410-412.	0.6	14
64	Terrestrial ages of ordinary chondrites from the Lewis Cliff stranding area, East Antarctica. <i>Meteoritics and Planetary Science</i> , 1999, 34, 559-569.	0.7	13
65	On the Erosive Trail of A 14Th and 15Th Century Hurricane in Connecticut (Usa) Salt Marshes. <i>Radiocarbon</i> , 2004, 46, 775-784.	0.8	13
66	Symmetric fission of ^{24}Mg induced by inelastic scattering of 120 MeV $\hat{1}\pm$ -particles. <i>Nuclear Physics A</i> , 1980, 334, 317-326.	0.6	12
67	Terrigenous supply of ^{10}Be and dating with ^{14}C and ^{10}Be in sediments of the Angola basin (SE) Tj ETQq1 1 0.784314 rgBT /Overlock 0,6 12	0.6	12
68	A CCBA description of the (p, t) reaction to low-lying O^+ states in the Ge isotopes. <i>Nuclear Physics A</i> , 1982, 388, 477-497.	0.6	11
69	Near-Zero $\hat{1}^{14}\text{C}$ Values at 32 kyr cal BP Observed in the High-Resolution ^{14}C Record from U-Th Dated Sediment of Lake Lisan. <i>Radiocarbon</i> , 2004, 46, 785-795.	0.8	11
70	Reconstruction of the Depositional History of the Former Coastal Lagoon of Vilamoura (Algarve,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1 2008, 2, 83-91.	0.1	11
71	Contamination and Fractionation Effects in AMS-Measured $^{14}\text{C}/^{12}\text{C}$ and $^{13}\text{C}/^{12}\text{C}$ Ratios of Small Samples. <i>Radiocarbon</i> , 1997, 40, 215-221.	0.8	10
72	Origin of the forward-backward asymmetry in the decay of the giant resonance structures of ^{24}Mg and ^{40}Ca . <i>Physical Review C</i> , 1982, 25, 2139-2141.	1.1	9

#	ARTICLE	IF	CITATIONS
73	Indications of pleistocene man on Sardinia. Nuclear Instruments & Methods in Physics Research B, 1987, 29, 166-168.	0.6	9
74	Late Quaternary Pteropod Preservation in Eastern North Atlantic Sediments in Relation to Changing Climate. Radiocarbon, 1991, 33, 277-282.	0.8	9
75	Dating Precolumbian Museum Objects. Radiocarbon, 1992, 34, 928-933.	0.8	9
76	The Utrecht accelerator facility for precision dating with radionuclides. Nuclear Instruments & Methods in Physics Research B, 1984, 5, 150-154.	0.6	8
77	Radiocarbon analysis of the EPICA Dome C ice core: no in situ ^{14}C from the firn observed. Nuclear Instruments & Methods in Physics Research B, 2004, 223-224, 516-520.	0.6	8
78	Progress in ^{14}C dating of ice at Utrecht. Nuclear Instruments & Methods in Physics Research B, 1990, 52, 469-472.	0.6	7
79	From $^{14}\text{C}/^{12}\text{C}$ measurements towards radiocarbon dating of ice. Tellus, Series B: Chemical and Physical Meteorology, 1994, 46, 94-102.	0.8	7
80	AMS measurements of ^{10}Be and ^{26}Al for studying shielding effects in meteorites. Nuclear Instruments & Methods in Physics Research B, 1994, 92, 500-504.	0.6	7
81	A Correction for <i>In-Situ</i> ^{14}C in Antarctic Ice with ^{14}CO . Radiocarbon, 1995, 37, 165-169.	0.8	7
82	Relative sea-level rise across the Eastern Border fault (Branford, Connecticut): evidence against seismotectonic movements. Marine Geology, 2002, 184, 61-68.	0.9	7
83	Structure studies of ^{23}Na from the reaction at $E_{\text{p}} \pm 39.5$ MeV. Nuclear Physics A, 1979, 323, 26-44.	0.6	6
84	Dating of the Upper Pleistocene Lithic Industry of Sardinia. Radiocarbon, 1989, 31, 986-991.	0.8	6
85	On the use of a gas filled magnetic spectrograph in elastic recoil detection. Nuclear Instruments & Methods in Physics Research B, 1992, 64, 292-295.	0.6	6
86	Very little in situ produced radiocarbon retained in accumulating Antarctic ice. Nuclear Instruments & Methods in Physics Research B, 2000, 172, 632-636.	0.6	6
87	In situ produced ^{14}C by cosmic ray muons in ablating Antarctic ice. Tellus, Series B: Chemical and Physical Meteorology, 2002, 54, 186-192.	0.8	6
88	Weathering of granite and granitic regolith in Corsica: short-term ^{10}Be versus long-term thermochronological constraints. Geological Society Special Publication, 2009, 324, 217-235.	0.8	6
89	Late Holocene Environmental Reconstruction of St. Michiel Saline Lagoon, Curaçao (Dutch Antilles). Radiocarbon, 2004, 46, 765-774.	0.8	5
90	Comparison of AMS ^{14}C ages of organic deposits and macrofossils: a progress report. Nuclear Instruments & Methods in Physics Research B, 1990, 52, 442-445.	0.6	4

#	ARTICLE	IF	CITATIONS
91	In-Situ Radiocarbon Production by Neutrons and Muons in an Antarctic Blue Ice Field at Scharffenbergbotnen: A Status Report. Radiocarbon, 2001, 43, 751-757.	0.8	4
92	From $^{14}\text{C}/^{12}\text{C}$ measurements towards radiocarbon dating of ice. Tellus, Series B: Chemical and Physical Meteorology, 1994, 46, 91-102.	0.8	2
93	Radiocarbon Dating with the Utrecht Tandem Accelerator. Radiocarbon, 1983, 25, 739-744.	0.8	1
94	The injector of the Utrecht en tandem. Nuclear Instruments & Methods in Physics Research, 1984, 220, 115-117.	0.9	1
95	Radiocarbon accelerator mass spectrometry for hydrological investigations. Nuclear Instruments & Methods in Physics Research B, 1986, 17, 390-392.	0.6	1
96	Pulsed beam measurement system. Nuclear Instruments & Methods in Physics Research B, 1987, 29, 91-93.	0.6	1
97	Beryllium-10 data from redeposited late miocene pelagic sediments (East Java, Indonesia). Nuclear Instruments & Methods in Physics Research B, 1987, 29, 322-325.	0.6	1
98	The Timing of the Postglacial Marine Invasion of Kau Bay, Halmahera, Indonesia. Radiocarbon, 1989, 31, 948-956.	0.8	1
99	Continuous surface dwelling of manganese nodules on a hill on the Madeira Abyssal Plain during abrupt sedimentation changes. Marine Geology, 1991, 98, 73-82.	0.9	1
100	Radiocarbon Dates from the Catacombs of St. Callixtus in Rome. Radiocarbon, 2005, 47, 395-400.	0.8	1