Ines Krajcar BroniÄ

List of Publications by Year
in descending order

92	1,377	361388 20	434170 31
papers	citations	h-index	g-index

94	94	94	818
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Time-Series Analysis of Isotope Composition of Precipitation in Zagreb, Croatia. Water (Switzerland), 2022, 14, 2008.	2.7	0
2	Carbon isotope fractionation in karst aquatic mosses. Isotopes in Environmental and Health Studies, 2021, 57, 142-165.	1.0	3
3	Application of Stable Isotopes and Tritium in Hydrology. Water (Switzerland), 2021, 13, 430.	2.7	6
4	The Potential of Tufa as a Tool for Paleoenvironmental Researchâ€"A Study of Tufa from the Zrmanja River Canyon, Croatia. Geosciences (Switzerland), 2021, 11, 376.	2.2	5
5	Solar activity cycles recorded in long-term data on tritium activity concentration in precipitation at Zagreb, Croatia. Radiation Physics and Chemistry, 2021, 188, 109646.	2.8	2
6	Isotope Composition of Precipitation, Groundwater, and Surface and Lake Waters from the Plitvice Lakes, Croatia. Water (Switzerland), 2020, 12, 2414.	2.7	13
7	Carbon isotopes in dissolved inorganic carbon as tracers of carbon sources in karst waters of the Plitvice Lakes, Croatia. Geological Society Special Publication, 2020, , SP507-2020-49.	1.3	6
8	Long-Term Isotope Records of Precipitation in Zagreb, Croatia. Water (Switzerland), 2020, 12, 226.	2.7	36
9	Isoscape of amount-weighted annual mean precipitation tritium (³H) activity from 1976 to 2017 for the Adriaticâ€"Pannonian region â€" AP³H_v1 database. Earth System Science Data, 2020, 12, 2061-2073.	9.9	10
10	Radiocarbon Dating of Mortar from the Aqueduct in Skopje. Radiocarbon, 2019, 61, 1239-1251.	1.8	2
11	A survey of isotopic composition (2H, 3H, 18O) of groundwater from Vojvodina. Journal of Radioanalytical and Nuclear Chemistry, 2019, 320, 385-394.	1.5	5
12	Investigation of fast screening LSC method for monitoring 14C activity in wastewater samples. Radiation Measurements, 2019, 121, 1-9.	1.4	1
13	Mineralogical, organic and isotopic composition as palaeoenvironmental records in the lake sediments of two lakes, the Plitvice Lakes, Croatia. Quaternary International, 2018, 494, 300-313.	1.5	21
14	Results of Archaeological Surveillance and Dating of Wooden Foundation Beams from the Atrium of the Rector's Palace in Dubrovnik. Portal, 2018, 9, 31-48.	0.1	0
15	Determination of biogenic component in liquid fuels by the 14C direct LSC method by using quenching properties of modern liquids for calibration. Radiation Physics and Chemistry, 2017, 137, 248-253.	2.8	25
16	Isotopic composition of precipitation at the station PortoroÅ¾, Slovenia â€" period 2007â€"2010. Geologija, 2015, 58, 233-246.	0.4	6
17	Isotope analyses of the lake sediments in the Plitvice Lakes, Croatia. Open Physics, 2014, 12, .	1.7	6
18	Optimization of low-level LS counter Quantulus 1220 for tritium determination in water samples. Radiation Physics and Chemistry, 2014, 98, 69-76.	2.8	20

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19	Isotopic composition of precipitation at the station Ljubljana (Reaktor), Slovenia â€“ period 2007â€“2010. Geologija, 2014, 57, 217-230.	0.4	25
20	Status report on the Zagreb Radiocarbon Laboratory â€“ AMS and LSC results of VIRI intercomparison samples. Nuclear Instruments & Methods in Physics Research B, 2013, 294, 185-188.	1.4	23
21	Concentration and stable carbon isotopic composition of CO2in cave air of Postojnska jama, Slovenia. International Journal of Speleology, 2013, 42, 279-287.	1.0	14
22	Carbon isotopic composition (Î´13C and 14C activity) of plant samples in the vicinity of the Slovene nuclear power plant. Journal of Environmental Radioactivity, 2012, 110, 24-29.	1.7	9
23	Rudjer BoÅ¡koviÄ‡ Institute Radiocarbon Measurements XVII. Radiocarbon, 2012, 54, 137-154.	1.8	4
24	Rudjer BoÅ¡koviÄ‡ Institute Radiocarbon Measurements XVII. Radiocarbon, 2012, 54, 137-154.	1.8	0
25	Study of the bank filtered groundwater system of the Sava River at Zagreb (Croatia) using isotope analyses. Central European Geology, 2011, 54, 121-127.	0.4	10
26	Rudjer BoÅ¡koviÄ‡ Institute Radiocarbon Measurements XVI. Radiocarbon, 2011, 53, 395-417.	1.8	2
27	Isotopic composition of precipitation in PortoroÅ¾ (Slovenia). Geologija, 2011, 54, 129-138.	0.4	10
28	Radiocarbon application in environmental science and archaeology in Croatia. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 619, 491-496.	1.6	18
29	A new graphite preparation line for AMS 14C dating in the Zagreb Radiocarbon Laboratory. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 943-946.	1.4	26
30	Zagradaâ€”The New Zagreb Radiocarbon Database. Radiocarbon, 2010, 52, 941-947.	1.8	5
31	Modern C, O, and H isotope composition of speleothem and dripwater from ModriÄ•Cave, eastern Adriatic coast (Croatia). International Journal of Speleology, 2010, 39, 91-97.	1.0	18
32	Measurement of 14C activity by liquid scintillation counting. Applied Radiation and Isotopes, 2009, 67, 800-804.	1.5	45
33	Note on the spring region of Gacka River (Croatia)â€. Isotopes in Environmental and Health Studies, 2008, 44, 201-208.	1.0	14
34	Towards a Deeper Understanding of How Carbonate Isotopes (14C, 13C, 18O) Reflect Environmental Changes: A Study with Recent 210Pb-Dated Sediments of the Plitvice Lakes, Croatia. Radiocarbon, 2008, 50, 233-253.	1.8	23
35	Isotopic composition of precipitation in Ljubljana (Slovenia). Geologija, 2008, 51, 169-180.	0.4	21
36	Dating of the Old Bridge in Mostar, Bosnia and Herzegovina. Radiocarbon, 2007, 49, 617-623.	1.8	3

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37	14C dating of early Neolithic settlement Galovo near Slavonski Brod in Northern Croatia. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 580, 714-716.	1.6	2
38	Isotopic characteristics of precipitation in Slovenia and Croatia: Comparison of continental and maritime stations. Journal of Hydrology, 2006, 330, 457-469.	5.4	102
39	Study of Pollution of the Plitvice Lakes by Water and Sediment Analyses. Water, Air and Soil Pollution, 2006, 6, 475-485.	0.8	26
40	Stable isotope composition of daily and monthly precipitation in Zagreb. Isotopes in Environmental and Health Studies, 2006, 42, 239-249.	1.0	12
41	Study of Pollution of the Plitvice Lakes by Water and Sediment Analyses. , 2006, , 111-121.		1
42	Late Pleistoceneâ€“Holocene sea-level rise and the pattern of coastal karst inundation: records from submerged speleothems along the Eastern Adriatic Coast (Croatia). Marine Geology, 2005, 214, 163-175.	2.1	81
43	Radiocarbon Dating of Sopot Culture Sites (Late Neolithic) in Eastern Croatia. Radiocarbon, 2004, 46, 245-258.	1.8	15
44	Measurement of Low ¹⁴C Activities in a Liquid Scintillation Counter in the Zagreb Radiocarbon Laboratory. Radiocarbon, 2004, 46, 105-116.	1.8	53
45	Differences in the 14C age, Î´13C and Î´18O of Holocene tufa and speleothem in the Dinaric Karst. Palaeogeography, Palaeoclimatology, Palaeoecology, 2003, 193, 139-157.	2.3	77
46	Rudjer BoÅ¡koviÄ‡ Institute Radiocarbon Measurements XV. Radiocarbon, 2002, 44, 601-630.	1.8	8
47	Experimental study of gas mixtures in strong non-uniform electric fields. Radiation Physics and Chemistry, 2001, 61, 477-478.	2.8	8
48	Pure long-range ion-pair Cs2 molecules. Chemical Physics Letters, 2001, 345, 423-428.	2.6	15
49	Comparative study of gas amplification and energy resolution in some argon-based mixtures. Nuclear Instruments & Methods in Physics Research B, 2000, 168, 437-447.	1.4	4
50	Townsend ionization coefficients of some argon-based mixtures in strong nonuniform electric fields. Journal of Applied Physics, 2000, 88, 6192-6200.	2.5	7
51	Rudjer BoÅ¡koviÄ‡ Institute Radiocarbon Measurements XIV. Radiocarbon, 1999, 41, 199-213.	1.8	6
52	Ionization coefficient in propane, propane-based tissue equivalent and dimethyl-ether in strong non-uniform electric fields. Journal Physics D: Applied Physics, 1999, 32, 3179-3187.	2.8	6
53	Gas amplification and ionization coefficients in isobutane and argonâ€“isobutane mixtures at low gas pressures. Nuclear Instruments & Methods in Physics Research B, 1998, 142, 219-244.	1.4	30
54	W Values in Propane-Based Tissue-Equivalent Gas. Radiation Protection Dosimetry, 1997, 70, 33-36.	0.8	11

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55	Two Decades of Environmental Isotope Records in Croatia: Reconstruction of the Past and Prediction of Future Levels. Radiocarbon, 1997, 40, 399-416.	1.8	40
56	Ionization yield formation in argon-isobutane mixtures as measured by a proportional-counter method. Nuclear Instruments & Methods in Physics Research B, 1996, 117, 5-17.	1.4	20
57	Electron thermalization in rare gases and their mixtures. Journal of Chemical Physics, 1996, 104, 8973-8988.	3.0	16
58	A Study of Argon-Isobutane Mixtures in a Proportional Counter: Gas Amplification, W Value, and Energy Resolution. Radiation Protection Dosimetry, 1995, 61, 263-266.	0.8	6
59	Radiocarbon Intercomparison Studies at the Rudjer BoÅ¡koviÄ‡ Institute. Radiocarbon, 1995, 37, 805-811.	1.8	8
60	Sources of Radon Contamination in ¹⁴C Dating. Radiocarbon, 1995, 37, 749-757.	1.8	11
61	Timeâ€dependent and temperatureâ€dependent aspects of electron distribution functions: H, Ar, and Cs atomic gases. Journal of Chemical Physics, 1995, 102, 6552-6558.	3.0	10
62	Electron energy distribution functions and thermalization times in methane and in argonâ€“methane mixtures: An effect of vibrational excitation processes. Journal of Chemical Physics, 1995, 103, 7104-7113.	3.0	11
63	A Study of Argon-Isobutane Mixtures in a Proportional Counter: Gas Amplification, W Value, and Energy Resolution. Radiation Protection Dosimetry, 1995, 61, 263-266.	0.8	2
64	Rudjer BoÅ¡koviÄ‡ Institute Radiocarbon Measurements XIII. Radiocarbon, 1994, 36, 303-324.	1.8	17
65	The W value and the Fano factor for 5.9 keV photons in isobutane-based TE gas. Nuclear Instruments & Methods in Physics Research B, 1994, 84, 300-302.	1.4	1
66	A Comparison of Calculated and Measured W Values in Tissue-Equivalent Gas Mixtures. Radiation Research, 1994, 137, 18.	1.5	9
67	On a relation between the W value and the Fano factor. Journal of Physics B: Atomic, Molecular and Optical Physics, 1992, 25, L215-L218.	1.5	12
68	Electron degradation and yields of initial products: The Fano factor for mixtures of argon and molecular hydrogen. Physical Review A, 1992, 45, 7831-7837.	2.5	6
69	Time-dependent aspects of electron degradation: Subexcitation electrons inO2-N2mixtures. Physical Review A, 1992, 46, 2532-2538.	2.5	3
70	Anthropogenic Influence on the 14C Activity and Other Constituents of Recent Lake Sediments: A Case Study1. Radiocarbon, 1992, 34, 585-592.	1.8	21
71	Experimental Determination of the 14C Initial Activity of Calcareous Deposits. Radiocarbon, 1992, 34, 593-601.	1.8	23
72	Rudjer BoÅ¡koviÄ‡ Institute Radiocarbon Measurements XII. Radiocarbon, 1992, 34, 155-175.	1.8	9

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73	The Fano factor for electrons in gas mixtures. Nuclear Instruments & Methods in Physics Research B, 1992, 71, 366-370.	1.4	7
74	The W Values for Photons and Electrons in Mixtures of Argon and Alkanes. Radiation Research, 1991, 125, 1.	1.5	11
75	Theoretical Study of W Values in Hydrocarbon Gases. Radiation Research, 1991, 125, 237.	1.5	15
76	Electron degradation and yields of initial products. VIII. Subexcitation electrons in H2 and D2 gases. Journal of Chemical Physics, 1991, 94, 8244-8251.	3.0	5
77	Radiocarbon Dating of Intercomparison Samples at the Zagreb Radiocarbon Laboratory. Radiocarbon, 1990, 32, 295-300.	1.8	7
78	Rudjer BoÅ¡koviÄ‡ Institute Radiocarbon Measurements XI. Radiocarbon, 1989, 31, 85-98.	1.8	14
79	The Mean Energy Required to Form an Ion Pair for Low-Energy Photons and Electrons in Polyatomic Gases. Radiation Research, 1988, 115, 213.	1.5	22
80	Statistical fluctuations in the ionisation yield of low-energy photons absorbed in polyatomic gases. Journal of Physics B: Atomic and Molecular Physics, 1987, 20, 4473-4484.	1.6	14
81	Rudjer BoÅ¡koviÄ‡ Institute Radiocarbon Measurements X. Radiocarbon, 1987, 29, 135-147.	1.8	14
82	Rudjer BoÅ¡koviÄ‡ Institute Radiocarbon Measurements IX. Radiocarbon, 1987, 29, 115-134.	1.8	9
83	On the Initial 14C Activity of Karst Aquifers with Short Mean Residence Time. Radiocarbon, 1986, 28, 436-440.	1.8	20
84	Radiocarbon Dating of Lake Sediment from Two Karst Lakes in Yugoslavia. Radiocarbon, 1986, 28, 495-502.	1.8	29
85	The Effects of Contamination of Calcareous Sediments on their Radiocarbon Ages. Radiocarbon, 1986, 28, 510-514.	1.8	16
86	Increase of ¹⁴C Activity of Dissolved Inorganic Carbon Along a River Course. Radiocarbon, 1986, 28, 515-521.	1.8	25
87	Environmental 14C Levels Around the 632 MWe Nuclear Power Plant KrÅ¡ko in Yugoslavia. Radiocarbon, 1986, 28, 644-648.	1.8	26
88	The simultaneous measurement of tritium activity and the background count rate in a proportional counter by the povinec method: Three years experience at the Rudjer BoÅ¡koviÄ‡ Institute. Nuclear Instruments & Methods in Physics Research B, 1986, 17, 498-500.	1.4	9
89	The distribution of radioactive (3H, 14C) and stable (2H, 18O) isotopes in precipitation, surface and groundwaters of NW Yugoslavia. Nuclear Instruments & Methods in Physics Research B, 1986, 17, 550-553.	1.4	5
90	DUÅAN SRDOÄŒ (1929â€“2020): IN MEMORIAM. Radiocarbon, 0, , 1-2.	1.8	0

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91	APPLICATION OF 14C METHOD TO CHRONOLOGY OF THE CROATIAN DINARIC KARSTâ€"A CASE OF THE PLITVICE LAKES. Radiocarbon, 0, , 1-13.	1.8	2
92	Optimization of the direct LSC method for determination of biogenic component in liquids by applying 14C. Journal of Radioanalytical and Nuclear Chemistry, 0, , .	1.5	1