Gabriele Wallner

List of Publications by Year
in descending order

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31	729	623734	526287
papers	citations	14 h-index	27 g-index

31	31	31	715
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Natural and anthropogenic 236U in environmental samples. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 2246-2250.	1.4	166
2	River-derived humic substances as iron chelators in seawater. Marine Chemistry, 2015, 174, 85-93.	2.3	74
3	Analysis and application of heavy isotopes in the environment. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 1045-1049.	1.4	68
4	Radium isotopes and 222Rn in Austrian drinking waters. Journal of Radioanalytical and Nuclear Chemistry, 2007, 274, 511-516.	1.5	43
5	Natural radionuclides in Austrian mineral water and their sequential measurement by fast methods. Journal of Environmental Radioactivity, 2008, 99, 1090-1094.	1.7	42
6	A review on 129I analysis in air. Journal of Environmental Radioactivity, 2013, 126, 45-54.	1.7	33
7	Sphagnum-dominated bog systems are highly effective yet variable sources of bio-available iron to marine waters. Science of the Total Environment, 2016, 556, 53-62.	8.0	32
8	Determination of strontium-90 in deer bones by liquid scintillation spectrometry after separation on Sr-specific ion exchange columns. Journal of Environmental Radioactivity, 2006, 87, 315-324.	1.7	26
9	Natural radionuclides in Austrian bottled mineral waters. Journal of Radioanalytical and Nuclear Chemistry, 2010, 286, 329-334.	1.5	26
10	Uranium concentrations in sediment pore waters of Lake Neusiedl, Austria. Science of the Total Environment, 2018, 633, 981-988.	8.0	22
11	Vertical distribution of 238Pu, 239(40)Pu, 241Am, 90Sr and 137Cs in Austrian soil profiles. Radiochimica Acta, 2008, 96, .	1.2	18
12	Determination of Characteristic vs Anomalous ¹³⁵Cs/¹³⁷Cs Isotopic Ratios in Radioactively Contaminated Environmental Samples. Environmental Science & Technology, 2021, 55, 4984-4991.	10.0	18
13	Radiological investigations in the surroundings of Bilibino, Chukotka, Russia. Journal of Environmental Radioactivity, 2000, 51, 299-319.	1.7	15
14	Determination of naturally occurring radionuclides in selected rocks from Hetaunda area, central Nepal. Journal of Radioanalytical and Nuclear Chemistry, 2010, 283, 713-718.	1.5	14
15	Monitoring of radionuclides in soil and bone samples from Austria. Journal of Environmental Radioactivity, 2012, 107, 44-50.	1.7	14
16	Extraction of natural radionuclides from aqueous solutions by novel maltolate-based task-specific ionic liquids. Journal of Radioanalytical and Nuclear Chemistry, 2015, 303, 2483-2488.	1.5	14
17	Developments toward the measurement of I-129 in lignite. Nuclear Instruments & Methods in Physics Research B, 2007, 259, 714-720.	1.4	13
18	Iodine Isotopes (¹²⁷I and ¹²⁹I) in Aerosols at High Altitude Alp Stations. Environmental Science & Technology, 2012, 46, 8637-8644.	10.0	12

#	Article	IF	Citations
19	Aerosols: unexpected disequilibrium phenomena between airborne radio activities of lead-210 and its progenies bismuth-210 and polonium-210. Die Naturwissenschaften, 2002, 89, 569-574.	1.6	11
20	Thorium determination by liquid scintillation counting using an extractive cocktail. Environment International, 1996, 22, 101-103.	10.0	9
21	Determination of 90Sr and 210Pb in deer bone samples by liquid scintillation counting after ion-exchange procedures. Journal of Radioanalytical and Nuclear Chemistry, 2010, 286, 429-433.	1.5	9
22	A vacuum sampler for subsampling freeze-dried laminated sediments with the application toin situ frozen varves of Mondsee, Austria. Journal of Paleolimnology, 1995, 14, 93-96.	1.6	7
23	Retrospective measurements of airborne 129Iodine in Austria. Journal of Environmental Radioactivity, 2012, 112, 90-95.	1.7	7
24	Radionuclide extraction with different ionic liquids. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 1841-1848.	1.5	7
25	Investigation of the isotopic ratio 129I/I in petrified wood. Journal of Environmental Radioactivity, 2013, 120, 33-38.	1.7	6
26	Overall Retention of Methyl Stereochemistry during B12-Dependent Radical SAM Methyl Transfer in Fosfomycin Biosynthesis. Biochemistry, 2021, 60, 1587-1596.	2.5	6
27	Determination of Lead-210 and its Progenies in Aerosol Fractions of Different Particles Sizes. Radiochimica Acta, 1997, 78, 173-176.	1.2	5
28	Reinvestigation of airborne 210Pb, 137Cs and 207Bi in Vienna (Austria) after atmospheric nuclear weapons tests. Journal of Environmental Radioactivity, 2001, 55, 61-69.	1.7	5
29	Biotransformation of Radionuclides: Trends and Challenges. , 2015, , 169-184.		4
30	Local variations of atmospheric 222Rn and 210Pb concentrations in Badgastein (Austria). Journal of Radioanalytical and Nuclear Chemistry, 2002, 253, 505-510.	1.5	3
31	Determination of heavy metals in aerosol fractions of different particle sizes from the healing gallery of Badgastein (Austria). Radiochimica Acta, 2005, 93, 637-641.	1.2	0