

# Gabriele Wallner

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

729  
citations

623188

14  
h-index

525886

27  
g-index

31  
all docs

31  
docs citations

31  
times ranked

715  
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural and anthropogenic <sup>236</sup> U in environmental samples. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 2246-2250.	0.6	166
2	River-derived humic substances as iron chelators in seawater. Marine Chemistry, 2015, 174, 85-93.	0.9	74
3	Analysis and application of heavy isotopes in the environment. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 1045-1049.	0.6	68
4	Radium isotopes and <sup>222</sup> Rn in Austrian drinking waters. Journal of Radioanalytical and Nuclear Chemistry, 2007, 274, 511-516.	0.7	43
5	Natural radionuclides in Austrian mineral water and their sequential measurement by fast methods. Journal of Environmental Radioactivity, 2008, 99, 1090-1094.	0.9	42
6	A review on <sup>129</sup> I analysis in air. Journal of Environmental Radioactivity, 2013, 126, 45-54.	0.9	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.	3.9	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.	0.9	26
9	Natural radionuclides in Austrian bottled mineral waters. Journal of Radioanalytical and Nuclear Chemistry, 2010, 286, 329-334.	0.7	26
10	Uranium concentrations in sediment pore waters of Lake Neusiedl, Austria. Science of the Total Environment, 2018, 633, 981-988.	3.9	22
11	Vertical distribution of <sup>238</sup> Pu, <sup>239</sup> (40)Pu, <sup>241</sup> Am, <sup>90</sup> Sr and <sup>137</sup> Cs in Austrian soil profiles. Radiochimica Acta, 2008, 96, .	0.5	18
12	Determination of Characteristic vs Anomalous <sup>135</sup> Cs/ <sup>137</sup> Cs Isotopic Ratios in Radioactively Contaminated Environmental Samples. Environmental Science & Technology, 2021, 55, 4984-4991.	4.6	18
13	Radiological investigations in the surroundings of Bilibino, Chukotka, Russia. Journal of Environmental Radioactivity, 2000, 51, 299-319.	0.9	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.	0.7	14
15	Monitoring of radionuclides in soil and bone samples from Austria. Journal of Environmental Radioactivity, 2012, 107, 44-50.	0.9	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.	0.7	14
17	Developments toward the measurement of <sup>129</sup> I in lignite. Nuclear Instruments & Methods in Physics Research B, 2007, 259, 714-720.	0.6	13
18	Iodine Isotopes ( <sup>127</sup> I and <sup>129</sup> I) in Aerosols at High Altitude Alp Stations. Environmental Science & Technology, 2012, 46, 8637-8644.	4.6	12

#	ARTICLE	IF	CITATIONS
19	Aerosols: unexpected disequilibrium phenomena between airborne radio activities of lead-210 and its progenies bismuth-210 and polonium-210. <i>Die Naturwissenschaften</i> , 2002, 89, 569-574.	0.6	11
20	Thorium determination by liquid scintillation counting using an extractive cocktail. <i>Environment International</i> , 1996, 22, 101-103.	4.8	9
21	Determination of <sup>90</sup> Sr and <sup>210</sup> Pb in deer bone samples by liquid scintillation counting after ion-exchange procedures. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2010, 286, 429-433.	0.7	9
22	A vacuum sampler for subsampling freeze-dried laminated sediments with the application to in situ frozen varves of Mondsee, Austria. <i>Journal of Paleolimnology</i> , 1995, 14, 93-96.	0.8	7
23	Retrospective measurements of airborne <sup>129</sup> Iodine in Austria. <i>Journal of Environmental Radioactivity</i> , 2012, 112, 90-95.	0.9	7
24	Radionuclide extraction with different ionic liquids. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 322, 1841-1848.	0.7	7
25	Investigation of the isotopic ratio <sup>129</sup> I in petrified wood. <i>Journal of Environmental Radioactivity</i> , 2013, 120, 33-38.	0.9	6
26	Overall Retention of Methyl Stereochemistry during B12-Dependent Radical SAM Methyl Transfer in Fosfomycin Biosynthesis. <i>Biochemistry</i> , 2021, 60, 1587-1596.	1.2	6
27	Determination of Lead-210 and its Progenies in Aerosol Fractions of Different Particles Sizes. <i>Radiochimica Acta</i> , 1997, 78, 173-176.	0.5	5
28	Reinvestigation of airborne <sup>210</sup> Pb, <sup>137</sup> Cs and <sup>207</sup> Bi in Vienna (Austria) after atmospheric nuclear weapons tests. <i>Journal of Environmental Radioactivity</i> , 2001, 55, 61-69.	0.9	5
29	Biotransformation of Radionuclides: Trends and Challenges. , 2015, , 169-184.		4
30	Local variations of atmospheric <sup>222</sup> Rn and <sup>210</sup> Pb concentrations in Badgastein (Austria). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2002, 253, 505-510.	0.7	3
31	Determination of heavy metals in aerosol fractions of different particle sizes from the healing gallery of Badgastein (Austria). <i>Radiochimica Acta</i> , 2005, 93, 637-641.	0.5	0