

# Gabriele Wallner

## List of Publications by Year in descending order

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31  
papers

729  
citations

623734

14  
h-index

526287

27  
g-index

31  
all docs

31  
docs citations

31  
times ranked

715  
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of Characteristic vs Anomalous <sup>135</sup> Cs/ <sup>137</sup> Cs Isotopic Ratios in Radioactively Contaminated Environmental Samples. <i>Environmental Science &amp; Technology</i> , 2021, 55, 4984-4991.	10.0	18
2	Overall Retention of Methyl Stereochemistry during B12-Dependent Radical SAM Methyl Transfer in Fosfomycin Biosynthesis. <i>Biochemistry</i> , 2021, 60, 1587-1596.	2.5	6
3	Radionuclide extraction with different ionic liquids. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 322, 1841-1848.	1.5	7
4	Uranium concentrations in sediment pore waters of Lake Neusiedl, Austria. <i>Science of the Total Environment</i> , 2018, 633, 981-988.	8.0	22
5	Sphagnum-dominated bog systems are highly effective yet variable sources of bio-available iron to marine waters. <i>Science of the Total Environment</i> , 2016, 556, 53-62.	8.0	32
6	Extraction of natural radionuclides from aqueous solutions by novel maltolate-based task-specific ionic liquids. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 303, 2483-2488.	1.5	14
7	River-derived humic substances as iron chelators in seawater. <i>Marine Chemistry</i> , 2015, 174, 85-93.	2.3	74
8	Biotransformation of Radionuclides: Trends and Challenges. , 2015, , 169-184.		4
9	A review on <sup>129</sup> I analysis in air. <i>Journal of Environmental Radioactivity</i> , 2013, 126, 45-54.	1.7	33
10	Investigation of the isotopic ratio <sup>129</sup> I in petrified wood. <i>Journal of Environmental Radioactivity</i> , 2013, 120, 33-38.	1.7	6
11	Iodine Isotopes ( <sup>127</sup> I and <sup>129</sup> I) in Aerosols at High Altitude Alp Stations. <i>Environmental Science &amp; Technology</i> , 2012, 46, 8637-8644.	10.0	12
12	Retrospective measurements of airborne <sup>129</sup> Iodine in Austria. <i>Journal of Environmental Radioactivity</i> , 2012, 112, 90-95.	1.7	7
13	Monitoring of radionuclides in soil and bone samples from Austria. <i>Journal of Environmental Radioactivity</i> , 2012, 107, 44-50.	1.7	14
14	Analysis and application of heavy isotopes in the environment. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2010, 268, 1045-1049.	1.4	68
15	Determination of naturally occurring radionuclides in selected rocks from Hetaunda area, central Nepal. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2010, 283, 713-718.	1.5	14
16	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.	1.5	9
17	Natural radionuclides in Austrian bottled mineral waters. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2010, 286, 329-334.	1.5	26
18	Natural and anthropogenic <sup>236</sup> U in environmental samples. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2008, 266, 2246-2250.	1.4	166

#	ARTICLE	IF	CITATIONS
19	Natural radionuclides in Austrian mineral water and their sequential measurement by fast methods. <i>Journal of Environmental Radioactivity</i> , 2008, 99, 1090-1094.	1.7	42
20	Vertical distribution of <sup>238</sup> Pu, <sup>239(40)</sup> Pu, <sup>241</sup> Am, <sup>90</sup> Sr and <sup>137</sup> Cs in Austrian soil profiles. <i>Radiochimica Acta</i> , 2008, 96, .	1.2	18
21	Radium isotopes and <sup>222</sup> Rn in Austrian drinking waters. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2007, 274, 511-516.	1.5	43
22	Developments toward the measurement of I-129 in lignite. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2007, 259, 714-720.	1.4	13
23	Determination of strontium-90 in deer bones by liquid scintillation spectrometry after separation on Sr-specific ion exchange columns. <i>Journal of Environmental Radioactivity</i> , 2006, 87, 315-324.	1.7	26
24	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.	1.2	0
25	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.	1.6	11
26	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.	1.5	3
27	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.	1.7	5
28	Radiological investigations in the surroundings of Bilibino, Chukotka, Russia. <i>Journal of Environmental Radioactivity</i> , 2000, 51, 299-319.	1.7	15
29	Determination of Lead-210 and its Progenies in Aerosol Fractions of Different Particles Sizes. <i>Radiochimica Acta</i> , 1997, 78, 173-176.	1.2	5
30	Thorium determination by liquid scintillation counting using an extractive cocktail. <i>Environment International</i> , 1996, 22, 101-103.	10.0	9
31	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.	1.6	7