

# Univ-Prof Dr Georg Steinhauser

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

131  
papers

3,267  
citations

25  
h-index

54  
g-index

141  
ext. papers

3,681  
ext. citations

4.1  
avg. IF

5.79  
L-index

#	Paper	IF	Citations
131	Trendbericht Analytische Chemie 2022. <i>Nachrichten Aus Der Chemie</i> , <b>2022</b> , 70, 52-65	0.1	
130	Determination of Characteristic vs Anomalous Cs/Cs Isotopic Ratios in Radioactively Contaminated Environmental Samples. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 4984-4991	10.3	3
129	Survival of the basidiomycete <i>Schizophyllum commune</i> in soil under hostile environmental conditions in the Chernobyl Exclusion Zone. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 403, 124002	12.8	6
128	Searching for the Smoking gun of the miscarried 2019 Nenoksa nuclear cruise missile test: a null result. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2021</b> , 647, 350-358	1.3	
127	Detection of the Fission Product Palladium-107 in a Pond Sediment Sample from Chernobyl. <i>Environmental Science and Technology Letters</i> , <b>2021</b> , 8, 656-661	11	0
126	Europe-Wide Atmospheric Radionuclide Dispersion by Unprecedented Wildfires in the Chernobyl Exclusion Zone, April 2020. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 13834-13848	10.3	1
125	Controlling Complexation Behavior of Early Lanthanides via the Subtle Interplay of their Lewis Acidity with the Chemical Stability of 5,5'-(Azobis)tetrazolide. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2020</b> , 646, 1882-1885	1.3	0
124	Non-natural ruthenium isotope ratios of the undeclared 2017 atmospheric release consistent with civilian nuclear activities. <i>Nature Communications</i> , <b>2020</b> , 11, 2744	17.4	9
123	Identification of a chemical fingerprint linking the undeclared 2017 release of Ru to advanced nuclear fuel reprocessing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 14703-14711	11.5	6
122	Separation of Ultratraces of Radiosilver from Radiocesium for Environmental Nuclear Forensics. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 5249-5257	7.8	2
121	Gas ionization detectors <b>2020</b> , 245-305		3
120	Vertuscht und aufgedeckt: ein Atomunfall. <i>Nachrichten Aus Der Chemie</i> , <b>2020</b> , 68, 61-66	0.1	1
119	Zivil oder militärisch? Radioaktive Freisetzung aufgeklärt. <i>Physik in Unserer Zeit</i> , <b>2020</b> , 51, 218-219	0.1	
118	Radioactive Games? Radiation Hazard Assessment of the Tokyo Olympic Summer Games. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 11414-11423	10.3	1
117	Uptake and elemental distribution of radiosilver <sup>108m</sup> Ag and radiocesium <sup>137</sup> Cs in shiitake mushrooms ( <i>Lentinula edodes</i> ). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2019</b> , 322, 1761-1769	1.5	3
116	Aspects of quality assurance and performance of strontium-selective resins under non-routine conditions: old resins, delayed elution. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2019</b> , 320, 467-474	1.5	
115	Halide ion influence on the formation of nickel nanoparticles and their conversion into hollow nickel phosphide and sulphide nanocrystals. <i>Nanoscale</i> , <b>2019</b> , 11, 15104-15111	7.7	5

114	Radionuclides in surface waters around the damaged Fukushima Daiichi NPP one month after the accident: Evidence of significant tritium release into the environment. <i>Science of the Total Environment</i> , <b>2019</b> , 689, 451-456	10.2	19
113	Airborne concentrations and chemical considerations of radioactive ruthenium from an undeclared major nuclear release in 2017. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 16750-16759	11.5	31
112	Isotopic Signatures of Actinides in Environmental Samples Contaminated by the Fukushima Daiichi Nuclear Power Plant Accident. <i>Current Topics in Environmental Health and Preventive Medicine</i> , <b>2019</b> , 151-161	0.3	
111	Introduction to Nuclear Emergencies. <i>Current Topics in Environmental Health and Preventive Medicine</i> , <b>2019</b> , 1-4	0.3	
110	Radioiodine Releases in Nuclear Emergency Scenarios. <i>Current Topics in Environmental Health and Preventive Medicine</i> , <b>2019</b> , 175-204	0.3	2
109	Two Major Nuclear Emergencies: A Comparison of Chernobyl and Fukushima. <i>Current Topics in Environmental Health and Preventive Medicine</i> , <b>2019</b> , 5-21	0.3	1
108	Sorption of radiostrontium on various soils. <i>Applied Geochemistry</i> , <b>2019</b> , 101, 103-108	3.5	2
107	Accelerator mass spectrometry (AMS) for beryllium-7 measurements in smallest rainwater samples. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2019</b> , 319, 965-973	1.5	4
106	Azobis[tetrazolide]-Carbonates of the Lanthanides [Breaking the Gadolinium Break. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 1969-1975	2.3	5
105	Azobis[tetrazolide]-Carbonates of the Lanthanides [Breaking the Gadolinium Break. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 1954-1954	2.3	
104	The role of mass spectrometry in radioactive contamination assessment after the Fukushima nuclear accident. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2018</b> , 33, 519-546	3.7	30
103	Rapid ultra-trace determination of Fukushima-derived radionuclides in food. <i>Food Control</i> , <b>2018</b> , 85, 376-384	3.4	11
102	Anthropogenic radionuclides in water samples from the Chernobyl exclusion zone. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2018</b> , 318, 423-428	1.5	1
101	Potential Source Apportionment and Meteorological Conditions Involved in Airborne I Detectors in January/February 2017 in Europe. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 8488-8500	10.3	25
100	Characteristics of radiocesium contaminations in mushrooms after the Fukushima nuclear accident: evaluation of the food monitoring data from March 2011 to March 2016. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 2409-2416	5.1	23
99	Chemical and radioanalytical investigations of Ru-containing air filters from Vienna in fall 2017: searching for stable element anomalies. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2018</b> , 318, 415-421	1.5	3
98	Anthropogenic radioactive particles in the environment. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2018</b> , 318, 1629-1639	1.5	18
97	Radiostrontium transport in plants and phytoremediation. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 29996-30008	5.1	22

96	Fat tissue is not a reservoir for radiocesium in wild boars. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2017</b> , 312, 705-709	1.5	7
95	Radionuclide pollution inside the Fukushima Daiichi exclusion zone, part 2: Forensic search for the forgotten contaminants Uranium-236 and plutonium. <i>Applied Geochemistry</i> , <b>2017</b> , 85, 194-200	3.5	28
94	Radionuclide pollution inside the Fukushima Daiichi exclusion zone, part 1: Depth profiles of radiocesium and strontium-90 in soil. <i>Applied Geochemistry</i> , <b>2017</b> , 85, 201-208	3.5	23
93	On the occurrence and origin of anthropogenic radionuclides found in a fragment of the Chelyabinsk (LL5) meteorite. <i>Meteoritics and Planetary Science</i> , <b>2017</b> , 52, 1244-1250	2.8	
92	Pikomolare Spuren von AmIII verursachen drastische Unterschiede in der Koordinationschemie von TbIII: ein Sprung über die Gadoliniumecke <i>Angewandte Chemie</i> , <b>2017</b> , 129, 13448-13453	3.6	1
91	Innentitelbild: Pikomolare Spuren von AmIII verursachen drastische Unterschiede in der Koordinationschemie von TbIII: ein Sprung über die Gadoliniumecke (Angew. Chem. 43/2017). <i>Angewandte Chemie</i> , <b>2017</b> , 129, 13334-13334	3.6	
90	Japanese Food Data Challenge the Claimed Link between Fukushima's Releases and Recently Observed Thyroid Cancer Increase in Japan. <i>Scientific Reports</i> , <b>2017</b> , 7, 10722	4.9	7
89	Picomolar Traces of Americium(III) Introduce Drastic Changes in the Structural Chemistry of Terbium(III): A Break in the "Gadolinium Break". <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 13264-13269	16.4	5
88	Mushrooms: from nutrition to mycoremediation. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 19480-19493	5.1	35
87	Monitoring and radioecological characteristics of radiocesium in Japanese beef after the Fukushima nuclear accident. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2017</b> , 311, 1367-1373	1.5	6
86	Low-cost production of a <sup>7</sup> Be tracer from rainwater and purification: preliminary results. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2017</b> , 314, 521-527	1.5	3
85	Preparedness for a nuclear accident: removal of radioiodine from soil by chemical processing. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2016</b> , 307, 1765-1769	1.5	6
84	The copper spoil heap Knappenberg, Austria, as a model for metal habitats - Vegetation, substrate and contamination. <i>Science of the Total Environment</i> , <b>2016</b> , 563-564, 1037-49	10.2	10
83	Effective and ecological half-lives of Sr and Cs observed in wheat and rice in Japan. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2016</b> , 307, 1807-1810	1.5	21
82	Cs in the meat of wild boars: a comparison of the impacts of Chernobyl and Fukushima. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2016</b> , 307, 1801-1806	1.5	37
81	Assessment of the effectiveness of the post-Fukushima food monitoring campaign in the first year after the nuclear accident: A hypothesis. <i>Journal of Environmental Radioactivity</i> , <b>2016</b> , 151 Pt 1, 136-143	2.4	9
80	A Simple and Rapid Method for Reducing Radiocesium Concentrations in Wild Mushrooms ( <i>Cantharellus</i> and <i>Boletus</i> ) in the Course of Cooking. <i>Journal of Food Protection</i> , <b>2016</b> , 79, 1995-1999	2.5	23
79	New Forensic Insight into Carl Auer von Welsbach's 1910 Observation of Induced Radioactivity: Theoretical, Experimental and Historical Approaches. <i>Interdisciplinary Science Reviews</i> , <b>2016</b> , 41, 297-318	0.7	1

78	Fukushima-derived radionuclides in sediments of the Japanese Pacific Ocean coast and various Japanese water samples (seawater, tap water, and coolant water of Fukushima Daiichi reactor unit 5). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2016</b> , 307, 1787-1793	1.5	15
77	Hahn and Strassmann's first credible, yet erroneous approximation to the discovery of nuclear fission. <i>European Physical Journal H</i> , <b>2016</b> , 41, 265-266	0.9	1
76	Evolution of arsenic in high fluence plasma immersion ion implanted silicon: Behavior of the as-implanted surface. <i>Applied Surface Science</i> , <b>2015</b> , 355, 792-799	6.7	3
75	Lebensmittelsicherheit nach Fukushima. <i>Nachrichten Aus Der Chemie</i> , <b>2015</b> , 63, 563-565	0.1	
74	Detection of fuel release in a nuclear accident: a method for preconcentration and isolation of reactor-borne ( <sup>239</sup> Np) using ion-specific extraction chromatography. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 8651-8657	7.8	9
73	Post-Accident Sporadic Releases of Airborne Radionuclides from the Fukushima Daiichi Nuclear Power Plant Site. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 14028-35	10.3	52
72	Analysis of Japanese radionuclide monitoring data of food before and after the Fukushima nuclear accident. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 2875-85	10.3	86
71	Ionizing radiation – an evolutionary threat?. <i>Hypothesis (University of Toronto Dept of Medical Biophysics)</i> , <b>2015</b> , 13,		3
70	Comparison of the Chernobyl and Fukushima nuclear accidents: a review of the environmental impacts. <i>Science of the Total Environment</i> , <b>2014</b> , 470-471, 800-17	10.2	497
69	Fukushima's forgotten radionuclides: a review of the understudied radioactive emissions. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 4649-63	10.3	142
68	Mercury in compact fluorescent lamps (CFLs): European legislation introduces an avoidable analytical bias. <i>Environmental Science and Pollution Research</i> , <b>2014</b> , 21, 8673-7	5.1	
67	Eine unentdeckte Entdeckung?. <i>Nachrichten Aus Der Chemie</i> , <b>2014</b> , 62, 1073-1076	0.1	2
66	Surface evolution of very high dose arsenic implants in silicon formed by plasma immersion ion implantation – a long term study. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , <b>2014</b> , 11, 28-31		4
65	The possible discovery of neutron activation in 1910. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2013</b> , 296, 157-163	1.5	4
64	Instrumental neutron absorption activation analysis. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2013</b> , 296, 165-168	1.5	2
63	Research reactors as sources of atmospheric radioxenon. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2013</b> , 296, 169-174	1.5	14
62	Illicit utilization of arsenic compounds in pyrotechnics? An analysis of the suspended particle emission during Vienna's New Year fireworks. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2013</b> , 296, 237-243	1.5	7
61	Artificial radioactivity in environmental media (air, rainwater, soil, vegetation) in Austria after the Fukushima nuclear accident. <i>Environmental Science and Pollution Research</i> , <b>2013</b> , 20, 2527-34	5.1	45

60	An unusually water-poor 5,5'-azobistetrazolate of dysprosium: stabilization of a nitrogen-rich heterocycle by a minimum of hydrogen bonds. <i>New Journal of Chemistry</i> , <b>2013</b> , 37, 3840	3.6	7
59	Feasibility study for production of <sup>99m</sup> Tc by neutron irradiation of MoO <sub>3</sub> in a 250 kW TRIGA Mark II reactor. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2013</b> , 298, 413-418	1.5	8
58	Nuclear forensics of a colored gemstone: evidence of proton bombardment of a blue topaz. <i>Applied Radiation and Isotopes</i> , <b>2013</b> , 75, 18-21	1.7	0
57	Anthropogenic radionuclides in Japanese food: environmental and legal implications. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 1248-56	10.3	76
56	Plutonium release from Fukushima Daiichi fosters the need for more detailed investigations. <i>Scientific Reports</i> , <b>2013</b> , 3, 2988	4.9	62
55	Concentration of strontium-90 at selected hot spots in Japan. <i>PLoS ONE</i> , <b>2013</b> , 8, e57760	3.7	86
54	On the interference of <sup>210</sup> Pb in the determination of <sup>90</sup> Sr using a strontium specific resin. <i>Nuclear Technology and Radiation Protection</i> , <b>2013</b> , 28, 163-168	0.7	12
53	Gas Ionization Detectors <b>2012</b> , 191-231		3
52	Performance and comparison of gold-based neutron flux monitors. <i>Gold Bulletin</i> , <b>2012</b> , 45, 17-22	1.6	5
51	Using animal thyroids as ultra-sensitive biomonitors for environmental radioiodine. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 12890-4	10.3	20
50	Formation of arsenic rich silicon oxide under plasma immersion ion implantation and laser annealing <b>2012</b> ,		5
49	Nitrogen-rich compounds of the actinoids: dioxouranium(VI) 5,5'-azobis[tetrazolide] pentahydrate and its unusually small uranyl angle. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 6739-45	5.1	11
48	Formation of arsenolite crystals at room temperature after very high dose arsenic implantation in silicon. <i>Applied Physics Letters</i> , <b>2012</b> , 101, 232107	3.4	4
47	Tracking of airborne radionuclides from the damaged Fukushima Dai-ichi nuclear reactors by European networks. <i>Environmental Science &amp; Technology</i> , <b>2011</b> , 45, 7670-7	10.3	298
46	On the geochemistry of the Kyra eruption sequence of Nisyros volcano on Nisyros and Tilos, Greece. <i>Applied Radiation and Isotopes</i> , <b>2011</b> , 69, 1605-12	1.7	5
45	Dihydrogen gas emission of a 250kW(th) research reactor. <i>Applied Radiation and Isotopes</i> , <b>2011</b> , 69, 1618-20		1
44	Neutron flux measurements at the TRIGA reactor in Vienna for the prediction of the activation of the biological shield. <i>Applied Radiation and Isotopes</i> , <b>2011</b> , 69, 1621-4	1.7	5
43	Cavity QED with magnetically coupled collective spin states. <i>Physical Review Letters</i> , <b>2011</b> , 107, 060502	7.4	226



42	Geochemical fingerprints by activation analysis of tephra layers in Lake Van sediments, Turkey. <i>Applied Radiation and Isotopes</i> , <b>2011</b> , 69, 929-35	1.7	13
41	The abiotic environment of <i>Heliophora nutans</i> (Sarraceniaceae): pedological and microclimatic observations on Roraima Tepui. <i>Brazilian Archives of Biology and Technology</i> , <b>2010</b> , 53, 425-430	1.8	2
40	Grazing incidence x-ray fluorescence and secondary ion mass spectrometry combined approach for the characterization of ultrashallow arsenic distribution in silicon. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , <b>2010</b> , 28, C1C59-C1C64	1.3	15
39	Using the Chemistry of Fireworks To Engage Students in Learning Basic Chemical Principles: A Lesson in Eco-Friendly Pyrotechnics. <i>Journal of Chemical Education</i> , <b>2010</b> , 87, 150-156	2.4	28
38	Provenancing of archeological pumice finds from North Sinai. <i>Die Naturwissenschaften</i> , <b>2010</b> , 97, 403-102		3
37	Nitrogen-Rich Compounds of the Lanthanoids: Highlights and Summary. <i>Helvetica Chimica Acta</i> , <b>2010</b> , 93, 183-202	2	23
36	A new spectrometer for grazing incidence X-ray fluorescence for the characterization of Arsenic implants and Hf based high-k layers. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , <b>2010</b> , 65, 429-433 <sup>3.1</sup>		14
35	Accident scenarios of the TRIGA Mark II reactor in Vienna. <i>Nuclear Engineering and Design</i> , <b>2010</b> , 240, 4091-4095	1.8	5
34	Hands on explosives: Safety testing of protective measures. <i>Safety Science</i> , <b>2010</b> , 48, 28-34	5.8	26
33	Multi-technique characterization of arsenic ultra shallow junctions in silicon within the ANNA consortium <b>2009</b> ,		2
32	Do pyrotechnics contain radium?. <i>Environmental Research Letters</i> , <b>2009</b> , 4, 034006	6.2	10
31	More than just a convoluted table? Discussion of Mediterranean tephra stratigraphy revisited: Results from a long terrestrial sequence on Lesvos Island, Greece [by Margari et al. [J. Volcanol. Geotherm. Res. 163 (2007), 3454]. <i>Journal of Volcanology and Geothermal Research</i> , <b>2009</b> , 181, 247-250	2.8	3
30	Chlorine-Atom Transfer Reactions between Chloramine (=Chloramide) and Piperidine: Kinetic Reactivity and Characterization in a Raschig Medium. <i>Helvetica Chimica Acta</i> , <b>2009</b> , 92, 98-111	2	13
29	Nitrogen-Rich Compounds of the Lanthanoids: The 5,5'-Azobis[1H-tetrazol-1-ides] of some Yttrium Earths (Tb, Dy, Ho, Er, Tm, Yb, and Lu). <i>Helvetica Chimica Acta</i> , <b>2009</b> , 92, 1371-1384	2	19
28	Nitrogen-Rich Compounds of the Lanthanoids: The 5,5'-Azobis[1H-tetrazol-1-ides] of the Light Rare Earths (Ce, Pr, Nd, Sm, Eu, Gd). <i>Helvetica Chimica Acta</i> , <b>2009</b> , 92, 2038-2051	2	19
27	Kinetics of the oxidation of N-aminopiperidine with chloramine. <i>Kinetics and Catalysis</i> , <b>2009</b> , 50, 103-110 <sup>1.5</sup>		8
26	Expanding the menu for carnivorous plants: uptake of potassium, iron and manganese by carnivorous pitcher plants. <i>Applied Radiation and Isotopes</i> , <b>2009</b> , 67, 2117-22	1.7	17
25	The influence of different tempers on the composition of pottery. <i>Journal of Archaeological Science</i> , <b>2009</b> , 36, 1582-1589	2.9	33

24	New light on old pumice: the origins of Mediterranean volcanic material from ancient Egypt. <i>Journal of Archaeological Science</i> , <b>2009</b> , 36, 1738-1744	2.9	15
23	The nature of navel fluff. <i>Medical Hypotheses</i> , <b>2009</b> , 72, 623-5	3.8	14
22	Metalloid Contaminated Microhabitats and their Biodiversity at a Former Antimony Mining Site in Schlaining, Austria. <i>Open Environmental Sciences</i> , <b>2009</b> , 3, 26-41		11
21	Heavy metals from pyrotechnics in New Years Eve snow. <i>Atmospheric Environment</i> , <b>2008</b> , 42, 8616-8622	5.3	71
20	Accelerating k O. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2008</b> , 278, 613-616	1.5	2
19	On strontium and barium anomalies in the sediments of Charkadio Cave (Tilos Island, Dodekanese, Greece). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2008</b> , 276, 167-173	1.5	4
18	Cation-exchange properties of pumice: Taking a sip from a volcanic cocktail. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2008</b> , 276, 175-178	1.5	4
17	A review on fulminating gold (Knallgold) <b>2008</b> , 41, 305-317		34
16	Quantification of the abrasive wear of a gold wedding ring <b>2008</b> , 41, 51-57		8
15	Synthesis and Crystal Structure of (CH <sub>3</sub> NH <sub>3</sub> ) <sub>2</sub> [Cu(NO <sub>3</sub> ) <sub>4</sub> ]: a Rare Example of a Tetranitratocuprate(II) with a Light Cation of the Type M <sub>2</sub> [Cu(NO <sub>3</sub> ) <sub>4</sub> ]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2008</b> , 634, 892-894	1.3	10
14	"Green" pyrotechnics: a chemists' challenge. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 3330-476.4	476.4	351
13	Pyrotechnik mit dem Losiegel eine chemische Herausforderung. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 3376-3394	3.6	83
12	Cleaner production in the Solvay Process: general strategies and recent developments. <i>Journal of Cleaner Production</i> , <b>2008</b> , 16, 833-841	10.3	74
11	Adsorption of ions onto high silica volcanic glass. <i>Applied Radiation and Isotopes</i> , <b>2008</b> , 66, 1-8	1.7	35
10	"Chemical fingerprints" of pumice from Cappadocia (Turkey) and Kos (Greece) for archaeological applications. <i>Applied Radiation and Isotopes</i> , <b>2007</b> , 65, 488-503	1.7	22
9	The energetic double salt nitroguanidinium nitrate/guanidinium nitrate (1/1). <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2007</b> , 63, o3100-o3101		6
8	Beyond low-level activity: on a "non-radioactive" gas mantle. <i>Science of the Total Environment</i> , <b>2007</b> , 374, 36-42	10.2	6
7	Application of radiotracers in an exotic field of botany: How to feed carnivorous plants. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2007</b> , 274, 403-409	1.5	4



- 6 Neutron activation analysis of Mediterranean volcanic rocks [An analytical database for archaeological stratigraphy. *Applied Geochemistry*, **2006**, 21, 1362-1375 3.5 38
- 5 Syntheses and crystal structures of  $Pb(SeO_3)_2$  and two modifications of  $Sn(SeO_3)_2$ . *Journal of Alloys and Compounds*, **2006**, 419, 45-49 5.7 15
- 4 Trace elements in rock salt and their bioavailability estimated from solubility in acid. *Journal of Trace Elements in Medicine and Biology*, **2006**, 20, 143-53 4.1 16
- 3 Neutron activation analysis of sea-, lake-, and evaporated salt. *European Physical Journal D*, **2006**, 56, D165-D175
- 2 Application of NAA to develop a chemostratigraphy of volcanic deposits on Nisyros and Telos, Greece. *European Physical Journal D*, **2006**, 56, D283-D289
- 1 Neutron activation analysis of pumice from Lipari, Italy, and the identification of a pumice find from the excavation at Tel Megadim, Israel. *Journal of Radioanalytical and Nuclear Chemistry*, **2005**, 267, 3-8 1.5 9