

# Ben Russell

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1138479/publications.pdf>

Version: 2024-02-01

15  
papers

241  
citations

840119

11  
h-index

1058022

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

236  
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of <sup>135</sup> Cs and <sup>137</sup> Cs in environmental samples: A review. <i>Analytica Chimica Acta</i> , 2015, 890, 7-20.	2.6	63
2	Development of an optimised method for analysis of <sup>90</sup> Sr in decommissioning wastes by triple quadrupole inductively coupled plasma mass spectrometry. <i>Applied Radiation and Isotopes</i> , 2017, 126, 35-39.	0.7	27
3	Impact of superparamagnetic iron oxide nanoparticles on in vitro and in vivo radiosensitisation of cancer cells. <i>Radiation Oncology</i> , 2021, 16, 104.	1.2	24
4	Atomic spectrometry update: review of advances in the analysis of metals, chemicals and materials. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 2159-2216.	1.6	21
5	Atomic spectrometry update: review of advances in the analysis of metals, chemicals and materials. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 2241-2305.	1.6	15
6	Atomic spectrometry update: review of advances in the analysis of metals, chemicals and materials. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 1802-1848.	1.6	14
7	Atomic spectrometry update: review of advances in the analysis of metals, chemicals and materials. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 2410-2474.	1.6	14
8	Interference-free determination of sub ng kg <sup>-1</sup> levels of long-lived <sup>93</sup> Zr in the presence of high concentrations (1/4g kg <sup>-1</sup> ) of <sup>93</sup> Mo and <sup>93</sup> Nb using ICP-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 1029-1037.	1.9	13
9	Complete dissolution of solid matrices using automated borate fusion in support of nuclear decommissioning and production of reference materials. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 321, 183-196.	0.7	13
10	Measurement of <sup>151</sup> Sm in nuclear decommissioning samples by ICP-MS/MS. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 316, 831-838.	0.7	12
11	Applications of hydrogen as a collision and reaction cell gas for enhanced measurement capability applied to low level stable and radioactive isotope detection using ICP-MS/MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 2704-2714.	1.6	11
12	Investigating the potential of tandem inductively coupled plasma mass spectrometry (ICP-MS/MS) for <sup>41</sup> Ca determination in concrete. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 845-855.	1.6	7
13	Metrology for decommissioning nuclear facilities: Partial outcomes of joint research project within the European Metrology Research Program. <i>Applied Radiation and Isotopes</i> , 2018, 134, 351-357.	0.7	6
14	Development of a reference material for analysing naturally occurring radioactive material from the steel industry. <i>Analytica Chimica Acta</i> , 2021, 1141, 221-229.	2.6	1
15	Application of plasma mass spectrometry for half-life measurement of medium and long-lived radionuclides. <i>Journal of Physics: Conference Series</i> , 2020, 1643, 012207.	0.3	0