

Ben Russell

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

241
citations

840776
11
h-index

1058476
14
g-index

15
all docs

15
docs citations

15
times ranked

236
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a reference material for analysing naturally occurring radioactive material from the steel industry. <i>Analytica Chimica Acta</i> , 2021, 1141, 221-229.	5.4	1
2	Investigating the potential of tandem inductively coupled plasma mass spectrometry (ICP-MS/MS) for ⁴¹ Ca determination in concrete. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 845-855.	3.0	7
3	Impact of superparamagnetic iron oxide nanoparticles on in vitro and in vivo radiosensitisation of cancer cells. <i>Radiation Oncology</i> , 2021, 16, 104.	2.7	24
4	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.	3.0	15
5	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.	3.0	11
6	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.	3.0	14
7	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.	0.4	0
8	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.	1.5	13
9	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.	3.0	21
10	Interference-free determination of sub ng kg ⁻¹ levels of long-lived ⁹³ Zr in the presence of high concentrations (1 µg kg ⁻¹) of ⁹³ Mo and ⁹³ Nb using ICP-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 1029-1037.	3.7	13
11	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.	1.5	6
12	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.	3.0	14
13	Measurement of ¹⁵¹ Sm in nuclear decommissioning samples by ICP-MS/MS. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 316, 831-838.	1.5	12
14	Development of an optimised method for analysis of ⁹⁰ Sr in decommissioning wastes by triple quadrupole inductively coupled plasma mass spectrometry. <i>Applied Radiation and Isotopes</i> , 2017, 126, 35-39.	1.5	27
15	Determination of ¹³⁵ Cs and ¹³⁷ Cs in environmental samples: A review. <i>Analytica Chimica Acta</i> , 2015, 890, 7-20.	5.4	63