

Francesca Quinto

List of Publications by Year in descending order

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papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	Developing Accelerator Mass Spectrometry Capabilities for Anthropogenic Radionuclide Analysis to Extend the Set of Oceanographic Tracers. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	9
2	Concurrent determination of U, Np, Pu, Am, and Cm in clay systems at ultra-trace levels with accelerator mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2022, 37, 1696-1705.	3.0	1
3	²³³ U/ ²³⁶ U signature allows to distinguish environmental emissions of civil nuclear industry from weapons fallout. <i>Nature Communications</i> , 2020, 11, 1275.	12.8	43
4	Recent developments for AMS at the Munich tandem accelerator. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2019, 438, 180-183.	1.4	14
5	Adaptation of an Analytical Procedure for Concurrent Determination of Np and Pu in clay samples. <i>Clays and Clay Minerals</i> , 2019, 67, 183-189.	1.3	2
6	Ultratrace Determination of ⁹⁹ Tc in Small Natural Water Samples by Accelerator Mass Spectrometry with the Gas-Filled Analyzing Magnet System. <i>Analytical Chemistry</i> , 2019, 91, 4585-4591.	6.5	10
7	Multiactinide Analysis with Accelerator Mass Spectrometry for Ultratrace Determination in Small Samples: Application to an in Situ Radionuclide Tracer Test within the Colloid Formation and Migration Experiment at the Grimsel Test Site (Switzerland). <i>Analytical Chemistry</i> , 2017, 89, 7182-7189.	6.5	9
8	Accelerator Mass Spectrometry of Actinides in Ground- and Seawater: An Innovative Method Allowing for the Simultaneous Analysis of U, Np, Pu, Am, and Cm Isotopes below ppq Levels. <i>Analytical Chemistry</i> , 2015, 87, 5766-5773.	6.5	31
9	Abundance of live ²⁴⁴ Pu in deep-sea reservoirs on Earth points to rarity of actinide nucleosynthesis. <i>Nature Communications</i> , 2015, 6, 5956.	12.8	139
10	Novel Method to Study Neutron Capture of U	7.8	35
11	Determination of ²³⁹ Pu, ²⁴⁰ Pu, ²⁴¹ Pu and ²⁴² Pu at femtogram and attogram levels “evidence for the migration of fallout plutonium in an ombrotrophic peat bog profile. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 839.	3.5	30
12	Measurements of ²³⁶ U in Ancient and Modern Peat Samples and Implications for Postdepositional Migration of Fallout Radionuclides. <i>Environmental Science & Technology</i> , 2013, 47, 5243-5250.	10.0	36
13	AMS of the Minor Plutonium Isotopes. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013, 294, 160-164.	1.4	25
14	Assessment of the radiological impact of a decommissioned nuclear power plant in Italy. <i>Radioprotection</i> , 2012, 47, 285-297.	1.0	16
15	Neutron-capture Studies on ²³⁵ U and ²³⁸ U via AMS. <i>Journal of the Korean Physical Society</i> , 2011, 59, 1410-1413.	0.7	11
16	Actinides AMS at CIRCE in Caserta (Italy). <i>Nuclear Instruments & Methods in Physics Research B</i> , 2010, 268, 779-783.	1.4	29
17	Analysis and application of heavy isotopes in the environment. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2010, 268, 1045-1049.	1.4	68
18	Optimization of ²³⁶ U AMS at CIRCE. <i>Radiocarbon</i> , 2010, 52, 286-294.	1.8	20

#	ARTICLE	IF	CITATIONS
19	First results on ^{236}U levels in global fallout. <i>Science of the Total Environment</i> , 2009, 407, 4238-4242.	8.0	134
20	^{137}Cs , ^{60}Co and ^{40}K uptake by lettuce plants in two distributions of soil contamination. <i>Journal of Environmental Radioactivity</i> , 2009, 100, 607-612.	1.7	9
21	The first use of ^{236}U in the general environment and near a shutdown nuclear power plant. <i>Applied Radiation and Isotopes</i> , 2009, 67, 1775-1780.	1.5	46
22	Natural and anthropogenic ^{236}U in environmental samples. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2008, 266, 2246-2250.	1.4	166