

Yongsheng Ling

List of Publications by Year in descending order

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papers

119
citations

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14
docs citations

14
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79
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on enzymatic hydrolysis efficiency and physicochemical properties of cellulose and lignocellulose after pretreatment with electron beam irradiation. International Journal of Biological Macromolecules, 2020, 145, 733-739.	7.5	44
2	Method for correcting thermal neutron self-shielding effect for aqueous bulk sample analysis by PGNAAs technique. Journal of Radioanalytical and Nuclear Chemistry, 2015, 304, 1133-1137.	1.5	17
3	Multi-nuclide source term estimation method for severe nuclear accidents from sequential gamma dose rate based on a recurrent neural network. Journal of Hazardous Materials, 2021, 414, 125546.	12.4	15
4	MCNP benchmark of a ²⁵² Cf source-based PGNAAs system for bulk sample analysis. Applied Radiation and Isotopes, 2020, 158, 109045.	1.5	8
5	Improving the estimation accuracy of multi-nuclide source term estimation method for severe nuclear accidents using temporal convolutional network optimized by Bayesian optimization and hyperband. Journal of Environmental Radioactivity, 2022, 242, 106787.	1.7	8
6	Effect of dose rate on degradation of 2,6-dichlorophenol by electron beam irradiation. Journal of Radioanalytical and Nuclear Chemistry, 2020, 323, 975-982.	1.5	6
7	Irradiation-catalysed degradation of methyl orange using BaF ₂ @TiO ₂ nanocomposite catalysts prepared by a sol-gel method. Royal Society Open Science, 2019, 6, 191156.	2.4	4
8	Determination of Magnesium and Sodium in Brine by Filter Paper Adsorption Laser-Induced Breakdown Spectroscopy. Analytical Letters, 0, , 1-11.	1.8	4
9	Designing a new type of neutron detector for neutron and gamma-ray discrimination via GEANT4. Applied Radiation and Isotopes, 2016, 110, 200-204.	1.5	3
10	Quantitative analysis of phosphorus and sulfur in vegetation samples at minor and trace levels by EDXRF technique. Applied Radiation and Isotopes, 2021, 167, 109436.	1.5	3
11	Determining metal elements in liquid samples using laser-induced breakdown spectroscopy and phase conversion technology. Analytical Methods, 2022, 14, 147-155.	2.7	3
12	Improved dehydration performance of tofu protein by ionizing irradiation pretreatment. Journal of Radioanalytical and Nuclear Chemistry, 2021, 327, 575-583.	1.5	2
13	Geographical Discrimination of Pu-Erh Tea by the Determination of Elements by Low-Power Total Reflection X-Ray Fluorescence (TXRF) and Caffeine and Polyphenols by Spectrophotometry. Analytical Letters, 2023, 56, 556-575.	1.8	2
14	Degradation mechanism of p-cresol in aqueous solutions by gamma-ray irradiation. Journal of Radioanalytical and Nuclear Chemistry, 2018, 316, 993-999.	1.5	0