Nabanita Naskar

List of Publications by Year
in descending order

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39	415	840119 11	839053 18
papers	citations	h-index	g-index

40	40	40	321
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interaction of metal oxide nanoparticles with microplastics: Impact of weathering under riverine conditions. Water Research, 2021, 189, 116622.	5.3	41
2	An Endophytic Bacterial Consortium modulates multiple strategies to improve Arsenic Phytoremediation Efficacy in Solanum nigrum. Scientific Reports, 2018, 8, 6979.	1.6	40
3	Theranostic Terbium Radioisotopes: Challenges in Production for Clinical Application. Frontiers in Medicine, 2021, 8, 675014.	1.2	31
4	A Tripartite Interaction among the Basidiomycete Rhodotorula mucilaginosa, N₂-Fixing Endobacteria, and Rice Improves Plant Nitrogen Nutrition. Plant Cell, 2020, 32, 486-507.	3.1	29
5	Fabrication of thiophene-chitosan hydrogel-trap for efficient immobilization of mercury (II) from aqueous environs. Carbohydrate Polymers, 2021, 251, 116999.	5.1	28
6	Study of uranium mobilization from Himalayan Siwaliks to the Malwa region of Punjab state in India. Journal of Radioanalytical and Nuclear Chemistry, 2016, 308, 913-918.	0.7	22
7	Measurement of naturally occurring radioactive materials, 238U and 232Th: anomalies in photopeak selection. Journal of Radioanalytical and Nuclear Chemistry, 2016, 310, 1381-1396.	0.7	20
8	A review on potential bioactive phytochemicals for novel therapeutic applications with special emphasis on mangrove species. Phytomedicine Plus, 2021, 1, 100107.	0.9	19
9	Measurement of background radioactivity in surface soil of Indian Sundarban. Journal of Radioanalytical and Nuclear Chemistry, 2017, 311, 1947-1952.	0.7	17
10	Measurement of naturally occurring radioactive material, 238U and 232Th: part 2â€"optimization of counting time. Journal of Radioanalytical and Nuclear Chemistry, 2017, 312, 161-171.	0.7	13
11	Polysaccharide-derived hydrogel water filter for the rapid and selective removal of arsenic. Environmental Science: Water Research and Technology, 2019, 5, 1318-1327.	1.2	13
12	Ionic liquid-salt based aqueous biphasic system for rapid separation of no-carrier-added 203Pb from proton irradiated natTl2CO3 target. Journal of Radioanalytical and Nuclear Chemistry, 2016, 310, 1311-1316.	0.7	11
13	Separation of lead and bismuth from proton irradiated leadâ€"bismuth eutectic (LBE) target by differential precipitation. Journal of Radioanalytical and Nuclear Chemistry, 2017, 314, 2551-2555.	0.7	10
14	Retromer retrieves the Wilson Disease protein ATP7B from endolysosomes in a copper-dependent mode. Journal of Cell Science, 2020, 133, .	1.2	10
15	Study of uranium toxicity using low-background gamma-ray spectrometry. Journal of Radioanalytical and Nuclear Chemistry, 2017, 314, 1367-1373.	0.7	9
16	Measurement of naturally occurring radioactive materials, 238U and 232Th-part 3: is efficiency calibration necessary for quantitative measurement of ultra-low level NORM?. Journal of Radioanalytical and Nuclear Chemistry, 2017, 314, 507-511.	0.7	8
17	Development of sustainable extraction method for long-lived radioisotopes, 133Ba and 134Cs using a potential bio-sorbent. Journal of Radioanalytical and Nuclear Chemistry, 2020, 325, 587-593.	0.7	8
18	Production and separation of no-carrier-added ^{181â^'184}Re radioisotopes from proton irradiated tungsten target. Radiochimica Acta, 2018, 106, 743-749.	0.5	7

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19	Anomalies in quantitative measurement of 40K in natural samples. Journal of Radioanalytical and Nuclear Chemistry, 2018, 316, 709-715.	0.7	6
20	Separation of NCA 88Zr from proton irradiated natY target: a novel approach using low cost bio-sorbent potato peel charcoal. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 231-235.	0.7	6
21	Quantitative estimation of total potassium and 40K in surface soil samples of Indian Sundarbans. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 11-17.	0.7	6
22	Studies on radiation stability of natural caffeine. Applied Radiation and Isotopes, 2022, 183, 110148.	0.7	6
23	Quantification of radioisotopes produced in 1.4 GeV proton irradiated leadâ€“bismuth eutectic targets. European Physical Journal A, 2020, 56, 1.	1.0	5
24	Separation of no-carrier-added ^{71,72}As from 46ÂMeV alpha particle irradiated gallium oxide target. Radiochimica Acta, 2021, 109, 389-395.	0.5	5
25	Radiogenic quality assessment of ground and riverine water samples collected from Indian Sundarbans. Environmental Research, 2020, 185, 109407.	3.7	4
26	Vertical distribution and radiological risk assessment of natural radionuclides in the alluvial soil profile of south-west Punjab, India. Journal of Radioanalytical and Nuclear Chemistry, 2022, 331, 2561-2572.	0.7	4
27	Estimation of radiological indices in Indian Sundarbans: a mangrove habitat. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 213-223.	0.7	3
28	Distribution of different no-carrier-added radionuclides in Pb and Bi fractions after separation of bulk components of lead bismuth eutectic. Journal of Radioanalytical and Nuclear Chemistry, 2021, 328, 1339-1347.	0.7	3
29	Organic geochemical and palaeobotanical reconstruction of a late-Holocene archaeological settlement in coastal eastern India. Holocene, 2021, 31, 1511-1524.	0.9	3
30	Separation of 71,72As from alpha particle induced gallium oxide target by solid cation and anion exchangers, DOWEX-50 and DOWEX-1. Applied Radiation and Isotopes, 2021, 176, 109876.	0.7	3
31	Fabrication of In(III)-alizarin red S complex trap for efficient detection of fluoride ion in aqueous environs. Journal of Analytical Science and Technology, 2021, 12, .	1.0	3
32	Separation of no-carrier-added 71,72As from 46ÂMeV alpha particle irradiated Ga2O3 target by TK200 and DGA-N resins. Journal of Radioanalytical and Nuclear Chemistry, 2022, 331, 215-220.	0.7	3
33	Copper dependent ERK1/2 phosphorylation is essential for the viability of neurons and not glia. Metallomics, 2022, 14, .	1.0	3
34	Differentiating Wild and Apiary Honey by Elemental Profiling: a Case Study from Mangroves of Indian Sundarban. Biological Trace Element Research, 2022, 200, 4550-4569.	1.9	3
35	Production of neutron deficient rare earth radionuclides by heavy ion activation. Radiochimica Acta, 2022, 110, 725-737.	0.5	3
36	Separation of 206Po from alpha particle irradiated lead bismuth eutectic target. Applied Radiation and Isotopes, 2021, 173, 109717.	0.7	2

#	Article	IF	Citations
37	NEW AMS ¹⁴C DATES OF A MULTICULTURAL ARCHAEOLOGICAL SITE FROM THE PALEO-DELTAIC REGION OF WEST BENGAL, INDIA: CULTURAL AND GEO-ARCHAEOLOGICAL IMPLICATIONS. Radiocarbon, 2021, 63, 1645-1655.	0.8	2
38	Separation of ultra-trace amount of 44mSc from Î±-particle activated KBr target. Journal of Radioanalytical and Nuclear Chemistry, 2022, 331, 483-490.	0.7	1
39	Separation of 109Cd impurity from a decayed 110m/108mAg source. Journal of Radioanalytical and Nuclear Chemistry, 2021, 330, 1281.	0.7	0