

令和5年度発表論文一覧 | Publications of FY2023

Category : 1: peer reviewed, 2: non peer reviewed journals/books, 3: others

No.	Title タイトル	IERAuthor IER著者	Author 著者	Journal 雑誌名	Category 分類	Month/Year 年月	DOI
67	<a href="#">A brief review of recent global trends in suspended sediment estimation studies</a>	Yokoo, Y.	Bari, S.H., Yokoo, Y., Leong, C.	Hydrological Research Letters	1		10.3178/hr.18.51
66	<a href="#">Direct Quantification of Attogram Levels of Strontium-90 in Microscale Biosamples Using Isotope Dilution-Thermal Ionization Mass Spectrometry Assisted by Quadrupole Energy Filtering</a>	Takagai Y., Ishiniwa H.	Aoki J.; Wakaki S.; Ishiniwa H.; Kawakami T.; Miyazaki T.; Suzuki K.; Takagai Y.	Analytical Chemistry	1		10.1021/acs.analchem.2c04844
65	<a href="#">Dynamics of suspended and dissolved radiocaesium in a small irrigation pond based on vertical profiles of water quality</a>	Tsukada, H.	T. Kubota, H. Tsukada, M. Shin, Y. Mampuku, M. Hachinohe	Agricultural Water Management	1		
64	<a href="#">Fate and Transport of Fukushima-Derived Radiocesium in the Environment:</a>	Konoplev A., Wakiyama Y., Igarashi Y., Nanba K.	Konoplev A., Wakiyama Y., Igarashi Y., Nanba K.	International Journal of Plant, Animal and Environmental Sciences	1		
63	<a href="#">Rapid survey of de novo mutations in naturally growing tree species following the March 2011 disaster in Fukushima: the effect of low-dose-rate radiation</a>	Kaneko, S., Tsukada.H.	S. Ueno, Y. Hasegawa, S. Kato, H. Mori, H. Tsukada, H. Ohira, S. Kaneko	Environmental International	1		10.1016/j.envint.2023.107893
62	<a href="#">Resurrection and emended description of <i>Gastrodia foetida</i> (Orchidaceae)</a>	Kaneko S.	Suetsugu K.; Aoki R.; Kaneko S.	Phytotaxa	1		10.11646/phytotaxa.583.3.3
61	<a href="#">Transfer of 137Cs and 90Sr from soil-to-potato: Interpretation of the association from global fallout in Aomori to accidental release in Fukushima and Chernobyl</a>	M. Zheleznyak., H. Tsukada	H. Tsukada, A. Takeda, T. Takahashi, S. Fukutani, M. Akashi, J. Takahashi, S. Uematsu, I. Chyzhevskiy, S. Kirieiev, V. Kashparov, M. Zheleznyak	Science of the Total Environment	1		
60	<a href="#">ゾウリムシの凍結保存技術の実用化</a>	Fujishima M.	藤島政博、芳賀信幸、秋山佳丈、渡部広機、児玉有紀	低温生物工学会誌	1		
59	<a href="#">A tuning-free moderate-scale burned area detection algorithm — a case study in chernobyl-contaminated region</a>	Igarashi, Y.	Hu, J., Kotsuki, S., Igarashi, Y., Yang, Z., Talerko, M., Tischenko, O., Protsak, V., Kirieiev, S.	International Journal of Remote Sensing	1	March,2024	10.1080/01431161.2024.2331976
58	<a href="#">Assessment of exposures to firefighters from wildfires in heavily contaminated areas of the Chernobyl Exclusion Zone</a>	Yoschenko, V.	Kashparov, V., Kirieiev, S., Yoschenko, V., Levchuk, S., Holiaka, D., Zhurba, M., Bogdan, L., Vyshnevskiy, D., Oughton, D.H.	Journal of Environmental Radioactivity	1	March,2024	10.1016/j.jenvrad.2024.107410
57	<a href="#">Liquid Radionuclide Waste Treatment at Fukushima Daiichi NPP Site: A Brief Review of Environmental Impacts</a>	Gusyeve, M., Shibusaki, N., Zheleznyak, M.	Gusyeve, M., Shibusaki, N., Zheleznyak, M.	Lecture Notes in Civil Engineering	1	March,2024	10.1007/978-3-031-55068-3_2
56	<a href="#">137Cs contamination of Japanese mustard spinach by resuspended particles in areas with different contamination conditions</a>	Tatsuno T.	Tatsuno T.; Yoshimura K.; Nihei N	Journal of Radioanalytical and Nuclear Chemistry	1	February,2024	10.1007/s10967-023-09347-9
55	<a href="#">Dispersant-enhanced migration of radiocesium among soil size fractions: A novel strategy for volume reduction of radioactively contaminated soil</a>	Begum Z.A., Rahman I.M.M.	Begum, Z.A., Ripon, R.I., Yoshioka, S., Hasegawa, H., Rahman, I.M.M.	Environmental Research	1	February,2024	10.1016/j.envres.2024.118467
54	<a href="#">Estimation of Inundation Mitigation Potential Due to Time Variability in Japan</a>	Kawagoe, S.	Maruta, S., Kawagoe, S.	Lecture Notes in Civil Engineering	1	February,2024	10.1007/978-981-99-9215-7_27
53	<a href="#">Physicochemical Mechanisms of Dissolved 137Cs Seasonal Variations in Freshwaters: Fukushima and Chernobyl</a>	Konoplev A.	Konoplev A.	Radiochemistry	1	February,2024	10.1134/S106636223060127
52	<a href="#">Selective separation of radionuclides from aqueous matrices using crown Ether: A review</a>	Begum Z.A., Rahman I.M.M.	Ripon, R.I., Begum, Z.A., Rahman, I.M.M.	Microchemical Journal	1	February,2024	10.1016/j.microc.2024.110161
51	<a href="#">The impact of sampling scale: A comparison of methods for estimating external contaminant exposure in free-ranging wildlife</a>	Thomas Hinton	Bontrager H.L.; Hinton T.G.; Okuda K.; Beasley J.C.	Science of the Total Environment	1	February,2024	10.1016/j.scitotenv.2024.171012
50	<a href="#">The sacred deer conflict of management after a 1000-year history: Hunting in the name of conservation or loss of their genetic identity</a>	Kaneko, S.	Takagi, T., Torii, H., Kaneko, S., Tamate, H.B.	Conservation Science and Practice	1	February,2024	10.1111/csp.2.13084
49	<a href="#">Corrigendum to "Multifaceted effects of chronic radiation exposure in Japanese red pines from Fukushima prefecture" [Sci. Total Environ. 763 (2021) 142946] (Science of the Total Environment (2021) 763, (S0048969720364767), (10.1016/j.scitotenv.2020.142946))</a>	Yoschenko, V., Nanba K.	Geras'kin, S., Yoschenko, V., Bitarishvili, S., Makarenko, E., Vasiliev, D., Prazyan, A., Lychenkova, M., Nanba, K.	Science of the Total Environment	1	January,2024	10.1016/j.scitotenv.2023.169736
48	<a href="#">Long-term changes in 90Sr pools of Scots pine biomass in the Chernobyl Red Forest</a>	Yoschenko, V., Nanba K.	Yoschenko, V., Thiry, Y., Holiaka, D., Levchuk, S., Kashparov, V., Nanba, K.	Journal of Environmental Radioactivity	1	January,2024	10.1016/j.jenvrad.2023.107366
47	<a href="#">Radioecological behaviour of 137Cs in rockfish of the southern coastal waters off Fukushima during 2017–2021</a>	Takata, H.	Tateda, Y., Aoyama, M., Hamajima, Y., Tsumune, D., Ishimaru, T., Ito, Y., Takata, H.	Journal of Environmental Radioactivity	1	January,2024	10.1016/j.jenvrad.2024.107386
46	<a href="#">A brief insight on electrochemical energy storage toward the production of value-added chemicals and electricity generation</a>	Rahman I.M.M.	Islam, J., Shareef, M., Anwar, R., Akter, S., Ullah, M.H., Osman, H., Rahman, I.M.M., Khandaker, M.U., Chowdhury, F.I.	Journal of Energy Storage	1	December,2023	10.1016/j.est.2023.109944
45	<a href="#">Assessment of Nutrient Minerals and Potentially Toxic Elements in a Bangladesh-Origin Rice Cultivar (<i>Oryza sativa</i> cv. BR11) and Associated Health Impacts</a>	Rahman I.M.M.	Barua, A., Barua, S., Koli, A.N., Bakar, M.A.B.U., Jamal, S., Hasegawa, H., Rahman, I.M.M.	Asian Journal of Chemistry	1	December,2023	10.14233/ajchem.2024.30948
44	<a href="#">Chemical composition, antioxidant, and antimicrobial activities of Bangladesh-origin Jhum-cultivar basil (<i>Ocimum basilicum</i> L.) essential oil</a>	Rahman I.M.M.	Barua, S., Dewan, K., Islam, S., Mojumder, S., Sikder, O., Sarkar, R., Hasegawa, H., Rahman, I.M.M.	International Journal of Secondary Metabolite	1	December,2023	10.21448/IJSM.1230316
43	<a href="#">Correction to: Distributions of tritium and 137Cs in coastal seawater and biota off Aomori and Iwate prefectures, Japan (Journal of Oceanography, (2023), 79, 6, (547–561), 10.1007/s10872-023-00697-2)</a>	Takata H.	Ohtsuki S.; Shirohani Y.; Takata H.	Journal of Oceanography	1	December,2023	10.1007/s10872-023-00705-5
42	<a href="#">Densities, viscosities, and refractive indices of binary mixtures of tri-n-butyl phosphate with propan-2-ol and butan-2-ol at 303.15, 308.15, 313.15, 318.15, and 323.15 K</a>	Rahman I.M.M.	Hossen, I., Rocky, M.M.H., Riyad, M., Billah, M.M., Rahman, I.M.M., Akhtar, S.	Journal of Chemical Thermodynamics	1	December,2023	10.1016/j.jct.2023.107247
41	<a href="#">Direct quantification of femtogram per liter (fg L<sup>-1</sup>) level 90Sr in rainwater using thermal ionization mass spectrometry</a>	Takagai Y.	Aoki J.; Takagai Y.	Journal of Analytical Atomic Spectrometry	1	December,2023	10.1039/d3ja00294b
40	<a href="#">Estimating suspended sediment discharge and its annual mass balance in the Japanese first-class watersheds</a>	Yokoo, Y.	Tateno, M., Yokoo, Y., Leong, C.	Hydrological Research Letters	1	December,2023	10.3178/hr.17.92
39	<a href="#">Noncyclic Diaza Ligands and Their Metal Complexes: Synthesis, Characterization and Biological Studies</a>	Rahman I.M.M.	Sarker, P., Chakraborty, A., Rabi, S., Paul, P., Biswas, F.B., Barua, K., Rahman, I.M.M., Roy, T.G.	Asian Journal of Chemistry	1	December,2023	10.14233/ajchem.2023.30567
38	<a href="#">Review—Advances in PVC-Based Blend Nanocomposites</a>	Rahman I.M.M.	Fariha S.; Islam M.S.; Rockshat M.; Umme Hani S.; Islam J.; Zabed H.M.; Khandaker M.U.; Rahman I.M.M.; Chowdhury F.I.	ECS Journal of Solid State Science and Technology	1	December,2023	10.1149/2162-8777/ad145a
37	<a href="#">Effects of cattle manure compost application on crop growth and soil-to-crop transfer of cesium in a physically radionuclide-decontaminated field</a>	Tsukada, H.	Suzuki, M., Kubo, K., Hachinohe, M., Sato, T., Tsukada, H., Yamaguchi, N., Watanabe, T., Maruyama, H., Shinano, T.	Science of the Total Environment	1	November,2023	10.1016/j.scitotenv.2023.167939
36	<a href="#">ERASMUS MUNDUS JOINT MASTER DEGREE IN DECOMMISSIONING AND ENVIRONMENTAL REMEDIATION (MINDER)</a>	Nanba K.	de Lurdes Dinis M.; Abelshausen B.; Oughton D.; Amaral E.; Horst Monken F.; Nanba K.; de Aguiar L.A.; Lagos L.; Franklin M.R.	Proceedings of RWL 2023 International Conference on Environmental Remediation and Radioactive Waste Management, ICFM 2023	1	November,2023	10.1115/ICEM2023-111005
35	<a href="#">Review—Polyethylene Oxide-Based Nanocomposites as Polymer Electrolytes for Dye-Sensitized Solar Cell Application</a>	Rahman I.M.M.	Evan M.S.H.; Uddin M.J.; Tulin W.S.; Islam M.S.; Rockshat M.; Khandaker M.U.; Rahman I.M.M.; Chowdhury F.I.	ECS Journal of Solid State Science and Technology	1	November,2023	10.1149/2162-8777/ad0cd5
34	<a href="#">Assessing the variability of tissue-free water tritium and non-exchangeable organically bound tritium in pine needles in Fukushima using atmospheric titrated water vapor</a>	Hirao S.	Hirao S.; Kachiuchi H.; Akata N.; Tamari T.; Sugihara S.; Shima N.; Tanaka M.	Science of the Total Environment	1	October,2023	10.1016/j.scitotenv.2023.168173

33	<a href="#">Environmental DNA Analysis in a River Detected a Possible Distribution of Fish Species Difficult to Capture</a>	Wada T.	Nakamichi T.; Ono M.; Hayashi M.; Okamura T.; <a href="#">Wada T.</a> ; Saitoh K.	Fishes	1	October,2023	10.3390/fishes8100496
32	<a href="#">Evaluation of newly designed flushing techniques for on-site remediation of arsenic-contaminated excavated debris</a>	Begum Z.A., Rahman I.M.M.	Rahman S.; Saito M.; Yoshioka S.; Ni S.; Wong K.H.; Mashio A.S.; <a href="#">Begum Z.A.</a> ; <a href="#">Rahman I.M.M.</a> ; Ohta A.; Hasegawa H.	Environmental Science and Pollution Research	1	October,2023	10.1007/s11356-023-30140-4
31	<a href="#">Lessons learnt on the impact of an unprecedented soil decontamination program in Fukushima on contaminant fluxes</a>	Wakiyama Y	Vandromme R.; Hayashi S.; Tsuji H.; Evrard O.; Grangeon T.; Landemaine V.; Lacey J.P.; <a href="#">Wakiyama Y.</a> ; Cerdan O.	Proceedings of the National Academy of Sciences of the United States of America	1	October,2023	10.1073/pnas.2301811120
30	<a href="#">Phylogeographical evidence for historical long-distance dispersal in the flightless stick insect Ramulus mikado</a>	Kaneko S.	Suetsugu K.; Nozaki T.; Hirota S.K.; Funaki S.; Ito K.; Isagi Y.; Suyama Y.; <a href="#">Kaneko S.</a>	Proceedings of the Royal Society B: Biological Sciences	1	October,2023	10.1098/rspb.2023.1708
29	<a href="#">Tagging of age-0 flatfish with acoustic transmitters: comparison of internal implantation versus external attachment</a>	Wada T.	Kume M.; Takagi J.; Dantsuji Y.; Ito T.; Yamashita Y.; Mitamura H.; <a href="#">Wada T.</a>	Environmental Biology of Fishes	1	October,2023	10.1007/s10641-023-01481-3
28	<a href="#">Testing countermeasures to reduce 90Sr content in fish products</a>	Yoschenko, V., Wada, T.	Pavlenko, P., Levchuk, S., <a href="#">Yoschenko, V.</a> , Hrechaniuk, M., <a href="#">Wada, T.</a> , Kashparov, V.	Journal of Environmental Radioactivity	1	October,2023	10.1016/j.jenvrad.2023.107316
27	<a href="#">Viscometric, spectroscopic, and computational analyses of molecular interactions in binary mixtures of mesitylene with Heptan-1-ol and benzyl alcohol</a>	Rahman I.M.M.	<a href="#">Rahman I.M.M.</a> ; Ashraf Uddin M.; Yeasmin F.; Hasan M.M.; Hossain F.; Iwakabe K.	Journal of Molecular Liquids	1	October,2023	10.1016/j.molliq.2023.123224
26	<a href="#">Management of arsenic-contaminated excavated soils: A review</a>	Rahman I.M.M.	Rahman S.; <a href="#">Rahman I.M.M.</a> ; Hasegawa H.	Journal of Environmental Management	1	September,2023	10.1016/j.jenvman.2023.118943
25	<a href="#">Recovery of rhodium from glacial acetic acid manufacturing effluent using cellulose-based sorbent</a>	Rahman I.M.M.	Biswas, F.B., Endo, M., Rahman, S., <a href="#">Rahman I.M.M.</a> , Nakakubo, K., Mashio, A.S., Taniguchi, T., Nishimura, T., Maeda, K., Hasegawa, H.	Separation and Purification Technology	1	September,2023	10.1016/j.seppur.2023.124995
24	<a href="#">Research and management challenges following soil and landscape decontamination at the onset of the reopening of the Difficult-to-Return Zone, Fukushima (Japan)</a>	Wakiyama Y.,Chaboche P.-A.	Evrard O.; Chaux-Clergue T.; <a href="#">Chaboche P.-A.</a> ; <a href="#">Wakiyama Y.</a> ; Thiry Y.	SOIL	1	September,2023	10.5194/soil-9-479-2023
23	<a href="#">Role of host ciliate Paramecium bursaria mitochondria and trichocysts for symbiotic Chlorella variabilis attachment beneath the host cell cortex</a>	Fujishima M.	Kodama Y.; <a href="#">Fujishima M.</a>	FEMS Microbiology Letters	1	September,2023	10.1093/femsle/fnad088
22	<a href="#">Alkali Metal Complexes of an Octamethyl Isomeric Macrocycle: Synthesis, Characterization and Antimicrobial Studies</a>	Begum Z.A., Rahman I.M.M.	Chakraborty A.; Rabi S.; Roy S.; Palit D.; <a href="#">Begum Z.A.</a> ; <a href="#">Rahman I.M.M.</a> ; Roy T.G.	Asian Journal of Chemistry	1	August,2023	10.14233/ajchem.2023.27923
21	<a href="#">Cellular uptake and biotransformation of arsenate by freshwater phytoplankton under salinity gradient revealed by single-cell ICP-MS and CT-HG-AAS</a>	Rahman I.M.M.	Alam M.S.; Fujisawa S.; Zuka M.; Zai Y.; Mashio A.S.; <a href="#">Rahman I.M.M.</a> ; Wong K.H.; Hasegawa H.	Environmental Chemistry	1	August,2023	10.1071/EN23041
20	<a href="#">Distributions of tritium and 137Cs in coastal seawater and biota off Aomori and Iwate prefectures, Japan</a>	H. Takata	Ohtsuki S.; Shirota Y.; <a href="#">Takata H.</a>	Journal of Oceanography	1	August,2023	10.1007/s10872-023-00697-2
19	<a href="#">Evaluation of cataract formation in fish exposed to environmental radiation at Chernobyl and Fukushima</a>	Wada T.	Lerebours A.; Regini J.; Quinlan R.A.; <a href="#">Wada T.</a> ; Pierscionek B.; Devonshire M.; Kalligeraki A.A.; Uwineza A.; Young L.; Girkin J.M.; Warwick P.; Smith K.; Hoshino M.; Uesugi K.; Yagi N.; Terrill N.; Shebanova O.; Snow T.; Smith J.T.	Science of the Total Environment	1	August,2023	10.1016/j.scitotenv.2023.165957
18	<a href="#">Influence of Different Arsenic Species on the Bioavailability and Bioaccumulation of Arsenic by Sargassum horneri C. Agardh: Effects under Different Phosphate Conditions</a>	Rahman I.M.M.	Mamun M.A.A.; Hayashi S.; Papry R.I.; Miki O.; <a href="#">Rahman I.M.M.</a> ; Mashio A.S.; Hasegawa H.	Environmental Science and Pollution Research	1	August,2023	10.1007/s11356-023-29371-2
17	<a href="#">Quantitative imaging of trace elements in solid samples by online isotope dilution laser ablation-inductively coupled plasma-mass spectrometry</a>	Takagai Y., Ishiniwa H., Wada T.	Yanagisawa K.; Matsueda M.; Furukawa M.; <a href="#">Ishiniwa H.</a> ; <a href="#">Wada T.</a> ; Hirata T.; <a href="#">Takagai Y.</a>	Analyst	1	August,2023	10.1039/d3an01028g
16	<a href="#">Transfer of 129I to freshwater fish species within Fukushima and Chernobyl exclusion zones</a>	Thomas Hinton.,Wada T.	Teien H.-C.; <a href="#">Wada T.</a> ; Kashparov V.; Lopez-Gutierrez J.M.; Garcia-Tenorio R.; <a href="#">Hinton T.G.</a> ; Salbu B.	Journal of Environmental Radioactivity	1	August,2023	10.1016/j.jenvrad.2023.107269
15	<a href="#">Cellulose-based materials for scavenging toxic and precious metals from water and wastewater: A review</a>	Rahman I.M.M.	Rocky M.M.H.; <a href="#">Rahman I.M.M.</a> ; Biswas F.B.; Rahman S.; Endo M.; Wong K.H.; Mashio A.S.; Hasegawa H.	Chemical Engineering Journal	1	July,2023	10.1016/j.cej.2023.144677
14	<a href="#">Unravelling and improving the potential of global discharge reanalysis dataset in streamflow estimation in ungauged basins</a>	Gusyeve M.	Liu L.; Zhou L.; <a href="#">Gusyeve M.</a> ; Ren Y.	Journal of Cleaner Production	1	July,2023	10.1016/j.jclepro.2023.138282
13	<a href="#">Hydrological setting controls 137Cs and 90Sr concentrations in a headwater catchment in the Chornobyl Exclusion Zone</a>	Igarashi Y.,Wakiyama Y.,Konoplev A	<a href="#">Igarashi Y.</a> ; Onda Y.; Matsushita K.; Sato H.; <a href="#">Wakiyama Y.</a> ; Lisovyi H.; Laptev G.; Protsak V.; Samoilo D.; Kirieiev S.; <a href="#">Konoplev A.</a>	Science of the Total Environment	1	June,2023	10.1016/j.scitotenv.2023.164384
12	<a href="#">Alteration of the Cesium-137 soil profile by wild boar rooting after the Fukushima Daiichi Nuclear Power Plant accident</a>	Wakiyama Y., Nanba K.	Saito R.; <a href="#">Wakiyama Y.</a> ; Bontrager H.; <a href="#">Nanba K.</a> ; Beasley J.C.	Environmental Challenges	1	May,2023	10.1016/j.envc.2023.100728
11	<a href="#">Analysis of groundwater flow line of the Goshiki-numa pond community using elevation-considered principal component analysis</a>	Takagai Y.	Tanji T.; Furukawa M.; Fujimoto K.; <a href="#">Takagai Y.</a>	Analytical Sciences	1	May,2023	10.1007/s44211-023-00357-x
10	<a href="#">Combined use of UAV-SfM surveys, soil particle tracking with RFID tags and a sediment connectivity index to study plot-scale sediment transport</a>	Wakiyama Y.	López-Vicente M.; Fujiwara S.; Onda Y.; Kozuka S.; <a href="#">Wakiyama Y.</a> ; Kato H.	Science of the Total Environment	1	May,2023	10.1016/j.scitotenv.2023.164545
9	<a href="#">Comparative analysis of epigenetic variability in two pine species exposed to chronic radiation in the chernobyl and fukushima affected zones</a>	Yoschenko V., Nanba K.	Bondarenko V.; Geras'kin S.; Bondarenko E.; <a href="#">Yoschenko V.</a> ; Bondarenko S.; Khanova A.; Garbaruk D.; <a href="#">Nanba K.</a>	Environmental Pollution	1	May,2023	10.1016/j.envpol.2023.121799
8	<a href="#">Crystal structure of rac-1,8-bis(2-carbamoyl-ethyl)-5,5,7,12,12,14-hexamethyl-1,4,8,11-tetraazacyclotetradecane, C22H46N6O2</a>	Rahman I.M.M.	Paul P.; Yasmin S.; Rabi S.; <a href="#">Rahman I.M.M.</a> ; Tiekink E.R.T.; Roy T.G.	Zeitschrift fur Kristallographie - New Crystal Structures	1	May,2023	10.1515/ncrs-2023-0205
7	<a href="#">Crystal structure of trans-N 1,N 8-bis(2-cyanoethyl)-5,5,7,12,12,14-hexamethyl-1,4,8,11-tetraazacyclotetradecane, C22H42N6</a>	Rahman I.M.M.	Rabi S.; Dey L.; <a href="#">Rahman I.M.M.</a> ; Tiekink E.R.T.; Roy T.G.	Zeitschrift fur Kristallographie - New Crystal Structures	1	May,2023	10.1515/ncrs-2023-0103
6	<a href="#">Redetermination of the crystal structure of 5,14-dihydro-6,17-dimethyl-8,15-diphenyldibenzo(b,i)(1,4,8,11)tetra-azacyclotetradecine, C32H28N4</a>	Rahman I.M.M.	Dey L.; Rabi S.; Palit D.; <a href="#">Rahman I.M.M.</a> ; Tiekink E.R.T.; Roy T.G.	Zeitschrift fur Kristallographie - New Crystal Structures	1	May,2023	10.1515/ncrs-2023-0146
5	<a href="#">137Cs transfer from soils contaminated by resuspended particles to Japanese mustard spinach in difficult-to-return zone of Fukushima</a>	Tatsuno T.	<a href="#">Tatsuno T.</a> ; Nihei N.; Yoshimura K.; Ohte N.	Journal of Radioanalytical and Nuclear Chemistry	1	April,2023	10.1007/s10967-023-08899-0
4	<a href="#">Modelling of the Fate of 137Cs and 90Sr in the Chornobyl Nuclear Power Plant Cooling Pond before and after the Water Level Drawdown</a>	Zheleznyak, M., Gusyev, M., Wada T.	Bezhenar R.; <a href="#">Zheleznyak M.</a> ; Kanivets V.; Protsak V.; Gudkov D.; Kaglyan A.; Kirieiev S.; <a href="#">Gusyev M.</a> ; <a href="#">Wada T.</a> ; Udovenko O.; Nasvit O.	Water (Switzerland)	1	April,2023	10.3390/w15081504
3	<a href="#">Physiological responses of wild grass Holcus lanatus L. to potentially toxic elements in soils: a review</a>	Rahman I.M.M.	<a href="#">Rahman I.M.M.</a> ; Khan B.M.	Environmental Science and Pollution Research	1	April,2023	10.1007/s11356-023-26472-w
2	<a href="#">Review—CNT-Based Water Purification and Treatment Strategies</a>	Rahman I.M.M.	Islam M.S.; Rockshat M.; Jahan I.; Islam J.; Zabed H.M.; Khandaker M.U.; <a href="#">Rahman I.M.</a> ; Islam Chowdhury F.	ECS Journal of Solid State Science and Technology	1	April,2023	10.1149/2162-8777/acc9db
1	<a href="#">Variability of activity concentrations and radial distributions of 137Cs and 90Sr in trunk wood of Scots pine and Silver birch</a>	Yoschenko V., Nanba K.	Holiaka D.; <a href="#">Yoschenko V.</a> ; Cherniaev O.R.; Moskaliuk A.; Lesnik O.; Levchuk S.; Holiaka M.; Gumenuk V.; Kovbasa Y.; Borsuk O.; Holik V.; <a href="#">Nanba K.</a> ; Kashparov V.	Journal of Environmental Radioactivity	1	April,2023	10.1016/j.jenvrad.2023.107186