

令和6年度発表論文一覧 | Publications of FY2024



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

No.	Title	IERAuthor	Author	Journal	Category	Month/Year	DOI
	タイトル	IER著者	著者	雑誌名	分類	年月	
76	Growth Responses of Holcus lanatus L. (Velvet Grass) in Soils Contaminated with Cesium or Strontium	Begum Z.A.; Rahman I.M.M.	Khan B.M.; Alam M.F.; Begum Z.A.; Rahman I.M.M.	Soil Systems	1	Jun-2024	10.3390/soilsystems8020057
75	Nickel(II) complexes with a tetraazamacrocyclic diene ligand and its isomeric 'ane' forms: Synthesis, characterization, and antibacterial activities	Begum Z.A.; Rahman I.M.M..	Baidya A.; Paul P.; Rabi S.; Chakraborty A.; Dey B.K.; Begum Z.A.; Rahman I.M.M.; Roy T.G.	Structural Chemistry	1	Dec-2024	10.1007/s11224-024-02332-2
74	Distribution and sources of fallout 137Cs and 239+240Pu in Equatorial and Southern Hemisphere reference soils	Chaboche P.-A.	Dicen G.; Guillevic F.; Gupta S.; Chaboche P.-A.; Meusbürger K.; Sabatier P.; Evrard O.; Alewell; C.	Earth System Science Data Discussions, 1-31	1	Apr-2024	10.5194/essd-2024-509
73	Temporal trajectories of artificial radiocaesium 137Cs in French rivers over the nuclear era reconstructed from sediment cores	Chaboche P.-A.	Eyrolle F.; Chaboche P.-A.; Lepage H.; Gouin V. N.; Boyer P.; De Vismes A.; Seignemartin G.; Badarriotti D.; Chabaux F.; Chastanet M.; Claval D.; Copard Y.; Coynel A.; Debret M.; Delus C.; Euzen C.; Gardes T.; Giner F.; Gurriaran R.; ... Evrard O.	Scientific Reports, 14(1), 14213	1	Jun-2024	10.1038/s41598-024-64505-7
72	Radioactive contamination transported to Western Europe with Saharan dust	Chaboche P.-A.	Xu-Yang Y.; Skonieczny C.; Ayrault S.; Barbier J.-S.; Bizeul R.; Bryskere O.; Chaboche P.-A.; Chalaux-Clergue T.; Corcho-Alvarado J. A.; Foucher A.; Karsenti A.; Leblanc M.; Orizaola G.; Plautre A.; Röhlén S.; Taraconat N.; Tenaud N.; Valdés A. E.; Dulac F.; Evrard; O.	Science Advances, 11(5), ead9192	1	Jan-2025	10.1126/sciadv.adr9192
71	Impacts of farmland decontamination on 137Cs transfers in rivers after Fukushima nuclear accident: Evidence from a retrospective sediment core study	Chaboche P.-A.; Wakiyama Y.	Chalaux-Clergue T.; Foucher A.; Chaboche P.-A.; Hayashi S.; Tsuji H.; Wakiyama Y.; Huon S.; Vandromme R.; Cerdan O.; Nakao A.; Evrard O.	Science of the Total Environment	1	Oct-2024	10.1016/j.scitotenv.2024.174546
70	Micro-Nano Plastics: Impact on Floodplain Aquifer "Micro-Nano Plastics – Impact on Floodplain Aquifers, Environmental Degradation, and Global Challenges"	Gusyeв M	Moniruzzaman Md.; Al-Asad H.; Hazzaz Bin Hassan H.B.; Gusyeв M	Book chapter, Springer, Accepted	1	2025	
69	Modeling tritium release to the atmosphere during the Fukushima Daiichi Nuclear Power Plant accident and application to estimating post-accident water system transit times	Gusyeв M.	Gusyeв M.; Bong H.; Okazaki A.; Yoshimura K.	Environmental Science and Pollution Research	1	Feb-2025	10.1007/s11356-025-35919-1
68	Developing a flood monitoring system by utilizing real-time satellite rainfall estimates and water energy budget-based rainfall-runoff inundation model in West Africa	Gusyeв M.	Mohamed Rasmy A.W.; Gusyeв M.; Tamakawa K.; Ohara M.; Koike T.	Proceedings of the International Association of Hydrological Sciences	1	Apr-2024	10.5194/piahs-386-265-2024
67	The impact of sampling scale: A comparison of methods for estimating external contaminant exposure in free-ranging wildlife	Hinton, T.G.	Bontrager H.L.; Hinton T.G.; Okuda K.; Beasley J.C.	Science of The Total Environment	1	Apr-2024	10.1016/j.scitotenv.2024.171012
66	Fundamentals of wildlife dosimetry and lessons learned from a decade of measuring external dose rates in the field	Hinton T.G.; Ishiniwa H.; Nagata H.; Nanba K.	Hinton T.G.; Anderson D.; Bæk E.; Baranwal V.C.; Beasley J.C.; Bontrager H.L.; Broggio D.; Brown J.; Byrne M.E.; Gerke H.C.; Ishiniwa H.; Lance S.L.; Lind O.C.; Love C.N.; Nagata H.; Nanba K.; Okuda K.; Salbu B.; Shamovich D.; Skuterud L. Trompier F.; Webster S.C.; Zabrotski V.	Journal of Environmental Radioactivity	1	Sep-2024	10.1016/j.jenvrad.2024.107472
65	Outline of the Activity Report of the Emergency Monitoring Committee; [緊急時モニタリング検討委員会の活動報告の概要]	Hirao S.	Hosoda M.; Omori Y.; Orita M.; Saito K.; Sanada T.; Takeda A.; Tani K.; Tsujiguchi T.; Hirao S.; Hokama T.; Mikami S.; Yamada T.	Japanese Journal of Health Physics	1	2024	10.5453/jhps.59.206
64	Study of photosensitizer dyes for high-performance dye-sensitized solar cells application: A computational investigation	I.M.M. Rahman	M.A. Hasan.; I.M.M. Rahman	Chemical Physics Impact, 9, 100719	1	2024	
63	Pollution - Annual Volume 2024	I.M.M. Rahman.; Begum, Z.A.	I.M.M. Rahman.; Begum, Z.A.	J.K. Summers (Ed.) Environmental Sciences Book Series, InTech, London, 2024	3	2024	
62	Oxidative stress on the male reproductive organs of wild mice collected from an area contaminated by radioactive materials in Fukushima	Ishiniwa H.	Ishiniwa H.; Okano T.; Endoh D.; Hirayama H.; Yoshioka A.; Yokohata Y.; Shindo J.; Koshimoto C.; Shinohara A.; Sakamoto S. H.; Tamaoki M.; Onuma M.;	Sci. Rep. 14, 29706	1	Nov-2024	10.1038/s41598-024-80869-2
61	A pilot study to directly estimate radiation-induced mutation in large Japanese field mouse duo sample, mother and offspring, excluding unknown father, using ddRAD sequencing	Ishiniwa H.	Ishiniwa H.; Endoh D.; Tamaoki M.; Onuma M.	Radiat. Prot. Dosimetry 200(16-18), 1647-1650	1	Nov-2024	10.1093/rpd/nae190
60	Immunohistological assessment of male germ cell apoptosis, and histological observation of seminiferous tubules and epididymides according to temporal testicular regulation in the large Japanese field mouse (Apodemus speciosus)	Ishiniwa H.	Okano T.; Ishiniwa H.; Tamaoki M.; Onuma M.	Japanese Journal of Zoo and wildlife Medicine, 29(2), 57-66	1	2024	10.5686/jjzw.29.57
59	Changes in repair pathways of radiation-induced DNA double-strand breaks at the midblastula transition in Xenopus embryo	Ishiniwa H.	Morozumi R.; Shimizu N.; Tamura K.; Nakamura M.; Suzuki A.; Ishiniwa H.; Ide H.; Tsuda M.	J. Radiat. Res. 65(3), 315-322	1	Apr-2024	10.1093/jrr/rrae012
58	「室内実験による淡水中の枯死葉と微細有機物のセシウム 137 濃度の関係：水生昆虫の摂食過程が及ぼす影響 (Relationship between Cesium 137 concentrations in dead leaves and fine organic matter in freshwater by laboratory experiments: influence of feeding processes of aquatic insects.)」	Kanasashi T.; Wada T	Kanasashi T.; Wada T	KEK Proceedings 2024-6, 37–42	1	2024	
57	Effects of soil compaction on above- and belowground interactions during the early stage of forest development	Kaneko N.	Hiura T.; Okada H.; Terada C.; Nakamura M.; Kaneko N.	Urban Forestry and Urban Greening	1	Dec-2024	10.1016/j.ufug.2024.128565
56	Physiological profiling of the soil microbe community using the EcoPlate and assessment of soil properties at 74 planted forest sites across Japan	Kaneko N.	Nakamura M.; Terada C.; Ito K.; Hiura T.; Shibata H.; Miki T.; Saitoh T.M.; Takagi M.; Hougén T.; Matsuzaki S.-I.S.; Watanabe M.; Tado H.; Hotta N.; Kosugi Y.; Aiko N.; Kojima N.; Katagiri N.; Kishimoto K.; Yoshida T.; Tsunoda Y.; Takamiya T.; Ito K.; Utsumi Y.; Yoshikawa T.; Kenta T.; Oda M.; Agetsuma N.; Kawai M.; Fujita T.; Hishi T.; Shimada H.; Ichie T.; Hoshizaki K.; Kobayashi H.; Seino T.; Noguchi M.; Nagamatsu D.; Saito H.; Tateno R.; Ishihara M.I.; Kitagawa Y.; Hisamoto Y.; Homma K.; Hirao T.; Otani T.; Toda M.; Terada J.; Kume T.; Fukuzawa K.; Takashima A.; Kurose K.; Fujii S.; Itoh S.; Ohta T.; Otsuki K.; Nagaike T.; Hasegawa K.; Makoto K.; Shirahata M.; Matsuki S.; Hatanaka M.; Suzuki S.; Muro N.; Yamoto T.; Adachi N.; Kaneko N.; Yamashita T.	Ecological Research	1	Mar-2025	10.1111/1440-1703.12506
55	Lack of successful sexual reproduction suggests the irreversible parthenogenesis in a stick insect	Kaneko S.	Nozaki T.; Chikami Y.; Yano K.; Sato R.; Suetsugu K.; Kaneko S.	Ecology	1	Jan-2025	10.1002/ecy.4522
54	The Cross-Verification of Different Methods for Soil Erosion Assessment of Natural and Agricultural Low Slopes in the Southern Cis-Ural Region of Russia	Konoplev A.	Komissarov M.; Golosov V.; Zhidkin A.; Fomicheva D.; Konoplev A.	Land	1	Nov-2024	10.3390/land13111767
53	Effects of Large-Scale Wildfires on the Redistribution of Radionuclides in the Chornobyl River System	Konoplev A.	Igarashi Y.; Protsak V.; Laptev G.; Maloshtan I.; Samoilov D.; Kirieiev S.; Onda Y.; Konoplev A.	Environmental Science and Technology	1	Nov-2024	10.1021/acs.est.4c07019
52	Experimental field study of basic mechanisms underlying dissolved 137Cs seasonal variations in ponds heavily contaminated after the Fukushima Daiichi nuclear power plant accident	Konoplev A.; Kurosawa H.; Wakiyama Y.; Nanba K.	Konoplev A.; Kurosawa H.; Wakiyama Y.; Igarashi Y.; Kanivets V.; Nanba K.	Applied Geochemistry	1	Jan-2025	10.1016/j.apgeochem.2024.106250
51	Metals and metalloids pollution levels, partitioning, and sources in the environmental compartments of a small urban catchment in Moscow megacity	Konoplev A.V.	Kasimov N.S.; Vasil'chuk J.Y.; Tereshina M.A.; Chalov S.R.; Erina O.N.; Kosheleva N.E.; Shinkareva G.; Sokolov D.I.; Vlasov D.; Konoplev A.V.	Environmental Pollution	1	Feb-2025	10.1016/j.envpol.2024.125552
50	Peculiarities of Behavior in "Soil–Water" Environment of Radiocesium in Contaminated Area after the Accident at Fukushima Dai-ichi NPP	Konoplev A.V.	Konoplev A.V.	Radiatsionnaya Biologiya. Radioekologiya	1	2024	10.31857/S0869803124010065
49	Features of Radiocesium Behavior in Soil–Water Environment in Areas Contaminated after the Fukushima Dai-ichi NPP Accident	Konoplev A.V.	Konoplev A.V.	Biology Bulletin	1	Dec-2024	10.1134/S1062359024701310
48	The effect of total sediment runoff on erosion and accumulation processes in the valley of the Djankuat Greater Caucasus	Konoplev A.V.	Ivanov V.A.; Golosov V.N.; Tsyplenkov A.S.; Konoplev A.V.;	Lomonosov Geography Journal, 79 (6), 129-145	1	2024	10.55959/MSU0579-9414.5.79.6.11

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47	Reconstruction of the long-term dynamics of radioactive cesium in water bodies contaminated as a result of nuclear accidents (case studies of Chernobyl)	Konoplev A.V.;	Konoplev A.V.; Ivanov M.M.; Komissarov M.A.; Golosov V.N.; Kuzmenkova N.V	Lomonosov Geography Journal, 79 (6), 3-14	1	2024	10.55959/MSU0579-9414.5.79.6.1
46	Applicability of reconstruction of temporal changes in 137Cs concentrations in pond water based on the vertical distribution of bottom sediments: a case in three ponds in the Fukushima evacuation zone	Kurosawa H.; Konoplev A.; Wada T.; Nanba K.; Wakiyama Y.	Kurosawa H.; Konoplev A.; Wada T.; Nanba K.; Wakiyama Y.	Radiation Protection Dosimetry	1	Nov-2024	10.1093/rpd/ncae144
45	Long-term 137Cs dynamics after decontamination of an urban pond in Fukushima Prefecture, Japan	Kurosawa H.; Wakiyama Y.; Wada T.; Nanba K.	Kurosawa H.; Wakiyama Y.; Wada T.; Nanba K.	Journal of Environmental Radioactivity	1	Jan-2025	10.1016/j.jenvrad.2024.107573
44	Effects of the Symbiotic Chlorella variabilis on the Host Ciliate Paramecium bursaria Phenotypes	M Fujishima	Y Kodama.; M Fujishima	Microorganisms, 12 (12)	1	Dec-2024	10.3390/microorganisms12122537
43	Trapline foraging by nectar-collecting hornets	Nanba K.	Lacombrade M.; Abenis K.; Doussot C.; Goulefert L.; Nanba K.; Bonzom J.-M.; Lihoreau M.	Animal Cognition	1	Dec-2025	10.1007/s10071-025-01952-3
42	Environmental Radioactivity Monitoring and Radiological Impact Assessment of Agbara Industrial Area, Ogun State, Nigeria	Orosun M.M.	Usikalu M.R.; Orosun M.M.; Akinwumi A.; Babarimisa I.O.; Arijaje T.E.; Mohammed A.U.	Polytechnica 7: 9	1	Oct-2024	10.1007/s41050-024-00052-4
41	Ecological risk assessment and phthalate ester concentrations in sediment samples from Ilorin metropolis, North Central Nigeria	Orosun M.M.	Okoro H.K.; Orosun M.M.; Abdulmojeed M.; Iwuozor K.O.; Popoola S.A.; Emenike E.C.; Zvinowanda C.; Ngila J.C.	Regional Studies in Marine Science, 72: 103444	1	Jun-2024	10.1016/j.rsma.2024.103444
40	Seasonal variation and human health risk assessment of potentially toxic elements in pharmaceutical effluents around Ilorin metropolis, Nigeria	Orosun M.M.	Okoro H.K.; Orosun M.M.; Anuoluwa O.F.	Environ. Monit. Assess. 196: 774	1	Aug-2024	10.1007/s10661-024-12887-6
39	Chapter 30 - Environmental Impact of Mining: New Insights from Risk Assessment of Potentially Toxic Elements due to Mining Activities at Ajaokuta, Kogi State, Nigeria	Orosun M.M.	Orosun M.M.; Ajibola T.B.; Olawoyin H.O.; Adenekan M.O.; Salawu N.B.; Akinyose F.C.; Onumejor C.A.; Dawa; S.A. Editor(s): S. Dada, S.; B. Olobaniyi, S.; O.L Omosanya, K.	Geology and Natural Resources of Nigeria (1st ed.). CRC Press. Tailor and Francis, 2024, Pages 543 – 557	1	Jul-2024	10.1201/9781003454908
38	Chapter 23 - Nanoremediation of inorganic contaminants in soils: applications, mechanisms of action, and environmental implications	Orosun M.M.	Ogunkunle C.O.; Awe A.A.; Orosun M.M.; Ite A.E.; Okoro H.K.; Komolafe E.T. and Fatoba P.O. Editor(s): Muhammad Bilal.; Hafiz M.N. Iqbal.; Tuan Anh Nguyen.; Ghulam Yasin.; Ram K. Gupta	Micro and Nano Technologies, Nanotechnology to Monitor, Remedy, and Prevent Pollution, Elsevier, 2024, Pages 569-596	1	2024	10.1016/B978-0-443-15660-1.00022-8
37	Uptake from water and depuration of 137Cs and 90Sr by silver Prussian carp (Carassius gibelio)	Pavlenko P.; Yoschenko V.; Wada T.	Kashparov V.; Pavlenko P.; Kashparova O.; Levchuk S.; Yoschenko V.; Teien H.-C.; Wada T.; Hrechaniuk M.; Khomutinin Y.; Salbu B.	Journal of Environmental Radioactivity	1	Jun-2024	10.1016/j.jenvrad.2024.107443
36	Polycyclic aromatic hydrocarbons in ship breaking area and associated ecological risk assessment: evidence from the Sitakund ship-breaking area in Bangladesh	Rahman I.M.M.	Barua S.; Mutsuddi R.; Sultana S.; Islam M.S.M.M.; Das S.; Mostafa M.; Chakraborty D.; Rahman I.M.M.	Environmental Science and Pollution Research	1	Aug-2024	10.1007/s11356-024-34569-z
35	Assessment of potentially toxic element contents in chickens and poultry feeds from Bangladesh markets: Implications for human health risk	Rahman I.M.M.	Mamun S.A.; Islam M.A.; Quraishi S.B.; Hosen M.M.; Robinson B.H.; Rahman I.M.M.	Toxicology Reports	1	Dec-2024	10.1016/j.toxrep.2024.101706
34	Human health risk assessment due to consumption of dried fish in Chennai, Tamil Nadu, India: a baseline report	Rahman I.M.M.	Priyadharshini M.; Ahmed M.S.; Pradhoshini K.P.; Santhanabharathi B.; Ahmed M.F.S.; Alam L.; Rahman I.M.M.; Duong V.; Musthafa M.S.	Environmental Science and Pollution Research	1	Jun-2024	10.1007/s11356-023-27339-w
33	Effect of natural radioactivity along the southern coastal area of Tamil Nadu with statistical approach	Rahman I.M.M.	Chandrasekaran A.; Rahman I.M.M.	Journal of Radioanalytical and Nuclear Chemistry	1	Dec-2024	10.1007/s10967-024-09735-9
32	Thermophysical Properties and Molecular Interactions in Binary Mixtures of Oxolane with 2-Alkoxyethanols	Rahman I.M.M.	Anwar R.; Rocky M.M.H.; Islam J.; Ullah M.N.; Hossain M.K.; Chowdhury F.I.; Rahman I.M.M.	Journal of Chemical and Engineering Data	1	Nov-2024	10.1021/acs.jced.4c00449
31	Comprehensive insights into aqua regia-based hybrid methods for efficient recovery of precious metals from secondary raw materials	Rahman I.M.M.	Rocky M.M.H.; Rahman I.M.M.; Endo M.; Hasegawa H.	Chemical Engineering Journal	1	Sep-2024	10.1016/j.cej.2024.153537
30	Enhanced recovery of gold from aqua regia leachate of electronic waste using dithiocarbamate-modified cellulose	Rahman I.M.M.	Rocky M.M.H.; Rahman I.M.M.; Sakai Y.; Biswas F.B.; Rahman S.; Endo M.; Wong K.H.; Mashio A.S.; Hasegawa H.	Journal of Material Cycles and Waste Management	1	Mar-2024	10.1007/s10163-023-01824-3
29	Development of a Rapid Qualitative and Quantitative Method for the Detection of Palm Oil Adulteration in Cow Milk from Bangladesh by Using ATR-FTIR Spectroscopy with Chemometric Analysis	Rahman I.M.M.	Parija S.R.T.; Alam J.; Roy H.; Bhuiyan M.; Khan M.S.; Rifat M.R.A.; Ahammed M.S.; Rahman M.; Uddin M.N.; Rahman I.M.M.; Islam M.A.	Food Analytical Methods	1	2025	10.1007/s12161-025-02770-6
28	Evaluation of 210Po, 210Pb, and potentially toxic element concentrations in aquatic environments and polychaetes along the southeast coast of Chennai, Tamil Nadu: a baseline report	Rahman I.M.M.	Priyadharshini M.; Pradhoshini K.P.; Chandrasekaran A.; Santhanabharathi B.; Suhail Ahmed M.; Saikumar S.; Mani R.; Duong V.-H.; Rahman I.M.M.; Saiyad Musthafa M.	International Journal of Environmental Analytical Chemistry	1	2024	10.1080/03067319.2024.2424464
27	Radiation doses received by humans in their dwellings – A baseline report on radionuclides exposure from construction materials used in Chennai, Tamil Nadu, India	Rahman I.M.M.	Pradhoshini K.P.; Santhanabharathi B.; Chandrasekaran A.; Ahmed M.S.; Priyadharshini M.; Duong V.H.; Rahman I.M.M.; Musthafa M.S.	Journal of Hazardous Materials	1	Feb-2025	10.1016/j.jhazmat.2024.136754
26	Recovery of precious metals from aqua regia leachate of e-wastes using dithiocarbamate-modified cellulose and development of a novel kinetic model	Rahman I.M.M.	Rocky M.M.H.; Rahman I.M.M.; Taka S.; Marumoto M.; Rahman S.; Endo M.; Wong K.H.; Mashio A.S.; Hasegawa H.	Chemical Engineering Journal	1	Nov-2024	10.1016/j.cej.2024.157040
25	Selective extraction of lead from chelator-rich effluents using a biomass-based sorbent	Rahman I.M.M.	Sarker P.; Marumoto M.; Rahman I.M.M.; Wong K.H.; Mashio A.S.; Nishimura T.; Maeda K.; Hasegawa H.	Chemical Engineering Journal	1	Nov-2024	10.1016/j.cej.2024.156831
24	Exploring phosphate impact on arsenate uptake and distribution in freshwater phytoplankton: Insights from single-cell ICP-MS	Rahman I.M.M.	Alam M.S.; Wong K.H.; Ishikawa A.; Li M.; Zai Y.; Papry R.I.; Mashio A.S.; Rahman I.M.M.; Hasegawa H.	Chemosphere	1	Sep-2024	10.1016/j.chemosphere.2024.143129
23	Development and application of a new macrocyclic ligand-functionalized mesoporous silica sorbent for selective separation of radiocesium from environmental wastewater	Ripon R.I.; Begum Z.A.; Rahman I.M.M.	Ripon R.I.; Begum Z.A.; Miyazawa R.; Leonard K.; Ogata M.; Ahmmad B.; Rahman I.M.M.	Microchemical Journal	1	Dec-2024	10.1016/j.microc.2024.111649
22	Effect of operating variables on selective radiostrontium separation from aqueous waste matrices using a novel crown ether-based amino-modified mesoporous silica sorbent	Ripon R.I.; Begum Z.A.; Takagai Y.; Rahman I.M.M.	Ripon R.I.; Begum Z.A.; Ahmmad B.; Hirose F.; Takagai Y.; Rahman I.M.M.	Journal of Environmental Chemical Engineering	1	Oct-2024	10.1016/j.jece.2024.113984
21	Development and application of on-site multielement simultaneous rapid determination system using microdroplets and a handheld X-ray fluorescence spectrometer	Takagai Y.	Kato T.; Ando R.; Takagai Y.	Bulletin of the Chemical Society of Japan	1	Dec-2024	10.1093/bulcsj/uoe122
20	Extraction of Gold Nanoparticles Based on Temperature-Dependent Phase Separation using Zwitterionic 3-(Nonyldimethylammonio)-propyl Sulfate	Takagai Y.	Nakagawa T.; Suzuki R.; Matsueda M.; Terashima M.; Hinze W.L.; Takagai Y.	Solvent Extraction Research and Development, Japan	1	Apr-24	10.15261/serdj.31.49
19	Flow Peak Detection Using Penalized Asymmetric Least Squares in On-line Isotope Dilution-Laser Ablation-Inductively Coupled Plasma-Mass Spectrometry	Takagai Y.	Yanagisawa K.; Yokota H.; Fujimoto K.; Takagai Y.	Bunseki Kagaku	1	Sep-24	10.2116/bunsekikagaku.73.515
18	2025 本州の東西沿岸域の放射性セシウム分布の違い“Distinct distribution of 137Cs between western and eastern coasts of Honshu Island, Japan”	Takata H.; Wada T.	Takata H.; Wada, T.; Tatsuo Aono.; Mutsuo Inoue.	Monthly Kaiyo, 57(2)	2	2025	
17	Kinetic evaluation for 137Cs desorption from riverine particles in seawater, and exploration of sorbent agents for fixation of the desorbed fraction	Takata H.; Wakiyama Y.; Wada T.	Takata H.; Wakiyama Y.; Wada T.	Journal of Environmental Radioactivity	1	Feb-2025	10.1016/j.jenvrad.2025.107620
16	Investigation of sorption behavior of 137Cs in a river–sea system boundary area after the Fukushima Dai-ichi nuclear power plant accident	Takata H.; Wakiyama Y.; Wada T.; Hirao S.	Takata H.; Wakiyama Y.; Wada T.; Hirao S.; Aono T.; Nakanishi T.; Misonou T.; Shiribiki T.; Aoyama M.	Marine Chemistry	1	May-2024	10.1016/j.marchem.2024.104384
15	Status of the transfer state of 137Cs in zooplankton and surface water fish off Fukushima during 2018–2021	Tateda Y.; Takata H.	Tateda Y.; Nishikawa J.; Aoyama M.; Takata H.; Hamajima Y.; Aono T.	Journal of Environmental Radioactivity	1	Sep-2024	10.1016/j.jenvrad.2024.107496
14	Evaluation of the distribution accuracy of radioactivity from a gamma-ray source using an omnidirectional detector for radiation imaging with fractal geometry	Torii T.	M Sasaki.; Y Abe.; Y Sanada.; T Torii	Instrum. Method, A 1072 (2025)	1	Mar-2025	10.1016/j.nima.2025.170207
13	Emergency Monitoring after the Great East Japan Earthquake - Experiences of Large-Scale Environmental Radiation Monitoring Immediately after the Accident and on an Ongoing Basis	Torii T.	Sanada Y.; Torii T.	Nuclear Disaster Zensho (in Japanese, printing.)	3	2024	

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12	Variation of 137Cs activity concentration in flood and pore water in paddy fields and its transfer to rice	Tsukada H.	Tsukada H.; Saito T.; Hirayama T.; Matsuoka H.; Nakao A.	Journal of Environmental Radioactivity	1	Sep-2024	10.1016/j.jenvrad.2024.107492
11	Chemical implication of the partition coefficient of 137Cs between the suspended and dissolved phases in natural water	Tsukada H.	Hirose K.; Onda Y.; Tsukada H.; Hiroyama Y.; Okada Y.; Kikawada Y.	Journal of Environmental Radioactivity	1	Sep-2024	10.1016/j.jenvrad.2024.107486
10	Radionuclides in food and their effects on humans	Tsukada, H.	Tsukada H.	Modern Media 70, 127-133	3	2024	
9	Distinct food-web transfers of 137Cs to fish in river and lake ecosystems: A case study focusing on masu salmon in the Fukushima evacuation zone	Wada T.; Kanasashi T.; Nanba K.	Wada T.; Suzuki S.; Kanasashi T.; Nanba K.	Journal of Environmental Radioactivity	1	Dec-2024	10.1016/j.jenvrad.2024.107541
8	Effect of potassium ferric hexacyanoferrate in feed on 137Cs uptake and excretion by silver Prussian carp	Wada T.; Pavlenko P.; Yoschenko V.	Kashparov V.; Levchuk S.; Wada T.; Salbu B.; Teien H.-C.; Khomutinin Y.; Zhurba M.; Pavlenko P.; Yoschenko V.	Journal of Environmental Radioactivity	1	Sep-2024	10.1016/j.jenvrad.2024.107502
7	Riverine 129I dynamics during high-flow events on the Abukuma River in Fukushima	Wakiyama Y.; Hirao S.	Wakiyama Y.; Matsumura M.; Matsunaka T.; Hirao S.; Sasa K.	Applied Geochemistry	1	Oct-2024	10.1016/j.apgeochem.2024.106134
6	A brief review of recent global trends in suspended sediment estimation studies.	Yokoo Y.	Bari S.H.; Yokoo Y.; Leong C.	Hydrological Research Letters, 18(2), 51-57	1	2024	10.3178/hrl.18.51.
5	Dynamics, particle size distribution and mineral composition of suspended sediment transport in the Abukuma River estuary	Yokoo Y.	Bari S.H.; Tateno M.; Yokoo Y.; Leong C.	Hydrological Research Letters (Accepted)	1	2025	
4	A virtual experiment on the effectiveness of planned inundation as a watershed flood control strategy in a declining population area	Yokoo Y.	Ugajin R.; Yokoo Y.; Sayama T.	Journal of Japan Society of Civil Engineers, 81(16), (Accepted, in Japanese with English abstract)	1	2025	
3	90Sr and 137Cs distribution in Chornobyl forests: 30 years after the nuclear accident	Yoschenko V.	Holiaka D.; Levchuk S.; Kashparov V.; Yoschenko V.; Hurtevent P.; Coppin F.; Beasley J.C.	Journal of Environmental Radioactivity	1	Feb-2025	10.1016/j.jenvrad.2025.107616
2	Uptake of technetium-99 by food crops under field conditions	Yoschenko V.	Levchuk S.; Howard B.; Kashparov V.; Yoschenko V.; Hurtevent P.	Journal of Environmental Radioactivity 276, 107442	1	Jun-2024	10.1016/j.jenvrad.2024.107442
1	Preface	Zheleznyak M.	Kazymyr V.; Morozov A.; Palagin A.; Shkarlet S.; Stoianov N.; Vinnikov D.; Zheleznyak M.	Lecture Notes in Networks and Systems	1	2024	