

令和3年度発表論文一覧 | Publications of FY2021

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

ID	Title タイトル	IERAuthor IER著者	Author 著者	Journal 雑誌名	Category	Month/Year	DOI
					分類	年月	
IER-2021-060	Archive Soil Samples Collected in Fukushima Prefecture and Surrounding Areas after TEPCO Fukushima Daiichi Nuclear Power Plant Accident and Construction of Archive Soil Database System	T. Tatsuno, H. Tsukada	T. Tatsuno, A. Inada, H. Tsukada	RADIOISOTOPES	1	15 November, 2022	10.3769/radioisotopes.70.323
IER-2021-059	Vertical migration of cesium in weathered granite soil under flowing water condition depending on Cs concentration and states of dissolved organic matter	T. Tatsuno	T. Tatsuno, S. Hamamoto, N. Nihei, T. Nishimura	Journal of Environmental Management	1	15 March, 2022	10.1016/j.jenvman.2021.114409
IER-2021-058	福島第一原子力発電所事故後の森林における放射性セシウム動態と溪流生態系への影響	T. Kanasashi	金指 悠、境 優、今村 直広、大橋 伸太	地球化学 (Geochemical Journal)	1	2021	10.14934/chikyugaku.55.144
IER-2021-057	Seasonal stability of ¹³⁷Cs in coppiced Quercus serrata current-year branches: Toward the estimation of trunk ¹³⁷Cs activity concentrations without felling	T. Kanasashi	W. Sakashita, S. Miura, J. Nagakura, T. Kanasashi, Y. Shinomiya	Ecological Indicators	1	December, 2021	10.1016/j.ecolind.2021.108361
IER-2021-056	山地流域の水・土砂流出における空間スケールの影響 (4) : 水・土砂流出予測精度向上に向けた提案	YOKOO Yoshiyuki	内田太郎, 浅野友子, 平岡真合乃, 横屋 善之, 五味高志, 水垣滋, 丹羽諭, 勝山正 剛	水文・水資源学会誌	1	2021	10.3178/jjshwr.34.192
IER-2021-055	福島原発事故後の廃炉と汚染水問題	SHIBASAKI Naosaki	柴崎直明・DAPPE (福島・平和と平等を守る民主主義アクション)	『経済』	2		
IER-2021-054	本のない「電子顕微鏡放射学からバイオ・地球史放射学へ」放射学「科学運動」論と哲学一	SHIBASAKI Naosaki	SHIBASAKI Naosaki	地学団体研究会機関紙「そくほう」	2		
IER-2021-053	Chapter 1: Passage of FDNPS accident and activities of RGGHI-FDNPS 第1章 福島第一原発事故の経緯と原発団研の活動	SHIBASAKI Naosaki	柴崎直明, 原発団研事務局	Geological and Hydrogeological Issues of Fukushima Daiichi Nuclear Power Station: Current conditions and challenges of 10 years after the nuclear accident, Monograph 福島第一原子力発電所の地質・地下水問題－原発事故後10年の現状と課題－, 地団研専報	1	Dec-21	
IER-2021-052	Chapter 6: Groundwater flow at FDNPS 第6章 福島第一原発の地下水流動	SHIBASAKI Naosaki	SATO Hikaru, SHIBASAKI Naosaki	Geological and Hydrogeological Issues of Fukushima Daiichi Nuclear Power Station: Current conditions and challenges of 10 years after the nuclear accident, Monograph 福島第一原子力発電所の地質・地下水問題－原発事故後10年の現状と課題－, 地団研専報	1	Dec-21	
IER-2021-051	Chapter 9: Challenges for decommissioning of FDNPS: From viewpoints of geology and groundwater 第9章 福島第一原発廃炉の課題－地質・地下水の視点から－	SHIBASAKI Naosaki	柴崎直明, 原発団研事務局	Geological and Hydrogeological Issues of Fukushima Daiichi Nuclear Power Station: Current conditions and challenges of 10 years after the nuclear accident, Monograph 福島第一原子力発電所の地質・地下水問題－原発事故後10年の現状と課題－, 地団研専報	1	31 July, 2021	
IER-2021-050	福島第一原発の地質・地下水調査と汚染水問題	SHIBASAKI Naosaki	SHIBASAKI Naosaki	『前衛』	2	Dec-21	
IER-2021-049	ミニファイル：地域発の分析化学 福島第一原子力発電所事故を契機に進化する分析化学	Y. Takagai	Y. Takagai	ぶんせき	2	2021	
IER-2021-048	福島第一原子力発電所事故を契機に進化する放射性物質の分析技術	Y. Takagai	Y. Takagai	JACIニュースレター (研究最前線)	2	2021	
IER-2021-047	Online Solid-Phase Extraction-Inductively Coupled Plasma-Quadrupole Mass Spectrometry with Oxygen Dynamic Reaction for Quantification of Technetium-99	Y. Takagai	M. Matsueda, K. Yanagisawa, K. Koarai, M. Terashima, K. Fujiwara, H. Abe, A. Kitamura, Y. Takagai	ACS OMEGA	1	Jul-21	10.1021/acsomega.1c02756
IER-2021-046	Shape and Size-Controlled Fabrication of Gold Nano-Urchins via Use of a Mixed Sodium Borohydride and Ascorbic Acid Reductant System	Y. Takagai	A. Waragai, T. Nakagawa, W. L. Hinze, Y. Takagai	Langmuir	1	2021	10.1021/acs.langmuir.1c01303
IER-2021-045	Adsorption Behavior of Pu(IV), Am(III), Cm(III), and U(VI) on Desterrioxamine B-immobilized Micropolymer and Its Applications in the Separation of Pu(IV)	Y. Takagai	J. Aoki, C. Oonuma, R. Sudowe, Y. Takagai	Analytical Sciences	1	2021	10.2116/analsci.21N028
IER-2021-044	A Part Per Trillion Isotope Ratio Analysis of ⁹⁰Sr/⁸⁶Sr using Energy-Filtered Thermal ionization mass spectrometry	Y. Takagai	S. Wakaki, J. Aoki, R. Shimode, K. Suzuki, T. Miyazaki, J. Roberts, H. Vollstaedt, S. Sasaki, Y. Takagai	Scientific Reports	1	21-Jan-22	10.1038/s41598-022-05048-7
IER-2021-043	Estimate the Contribution of Water-Derived ¹³⁷Cs in the total ¹³⁷Cs in brown rice using water-to-brown rice transfer parameters and the specific activity ratio of ¹³⁷Cs/¹³⁴Cs	T.P. Nguyen, Y. Takagai, H. Tsukada	T.P. Nguyen, Y. Takagai, H. Tsukada	Soil Science and Plant Nutrition	1	2021	10.1080/00380768.2022.2031284
IER-2021-042	福島第一原子力発電所事故に伴う海水魚と淡水魚の放射性セシウム汚染 (総説)	Toshihiro Wada	Toshihiro Wada	地球化学(Geochemical Journal)	1	2021	10.14934/chikyugaku.55.159
IER-2021-041	Migration, residency and habitat utilisation by wild and cultured Japanese eels (Anguilla japonica) in a shallow brackish lagoon and inflowing rivers using acoustic telemetry	Toshihiro Wada	Takuji Noda, Toshihiro Wada, Hiromichi Mitamura, Manabu Kume, Takuhei Komaki, Tsuneo Fujita, Tatsuma Sato, Kaoru Narita, Manabu Yamada, Akira Matsumoto, Tomoyo Hori, Junichi Takagi, Alisa Kutzer, Nobuaki Arai, Yoh Yamashita	Journal of Fish Biology	1	18 October, 2020	10.1111/jfb.14595
IER-2021-040	Quality assessment of freshwaters from a coastal city of southern Bangladesh: Irrigation feasibility and preliminary health risks appraisal	Ismail M.M. Rahman	M.A.B. Siddique, R. Khan, A.R.M.T. Islam, M.K. Alam, M.S. Islam, M.S. Hossain, M.A. Habib, M.A. Akbor, U.H. Bithi, M.B. Rashid, F. Hossain, Ismail M.M. Rahman, I.B. Elius, M.S. Islam	Environmental Nanotechnology, Monitoring & Management	1	December, 2021	10.1016/j.enmm.2021.100524
IER-2021-039	Crystal structure of [meso-5,7,12,14,14-hexamethyl-1,4,8,11-tetraazacyclotetradecane]nickel(II) diperchlorate dimethylsulphoxide di-solvate, C20H48Cl2N4NiO10S2	Ismail M.M. Rahman	S. Rabi, L. Dey, D. Palit, B.K. Dey, Ismail M.M. Rahman, E.R.T. Tiekink, T.G. Roy	Zeitschrift für Kristallographie - New Crystal Structures	1	2021	10.1515/ncrs-2021-0291
IER-2021-038	福島県内で生じた一般廃棄物焼却灰の基礎物性把握と粘土鉱物による長期的放射性Cs溶出抑制効果の検討	Ismail M.M. Rahman	N. Murasawa, H. Sawai, Ismail M. M. Rahman, T. Hatta	Journal of Japan Waste Management Association	1	July, 2021	

IER-2021-037	Syntheses, characterization, and antimicrobial studies of Ni(II), Cu(II), and Co(III) complexes with an N-pendant azamacrocyclic chelator	Ismail M.M. Rahman	L. Dey, S. Rabi, D. Palit, S.K.S. Hazari, Z.A. Begum, Ismail M.M. Rahman , T.G. Roy	Journal of Molecular Structure	1	15 September, 2021	10.1016/j.molstruc.2021.130579
IER-2021-036	Redetermination of the crystal structure of bis[N,N'-ethylenediis(acetylacetoniminato)nickel(II)] sodium perchlorate, C₂₄H₃₆ClN₄NaNi₂O₈	Z.A. Begum, T. Takase, Ismail M.M. Rahman	L. Dey, S. Rabi, Z.A. Begum, T. Takase, Ismail M.M. Rahman , E.R.T. Tiepink, T.G. Roy	Zeitschrift für Kristallographie - New Crystal Structures	1	9 August, 2021	10.1515/NCRS-2021-0254
IER-2021-035	Redetermination of the crystal structure of (2E,4Z,13E,15Z)-3,5,14,16-tetramethyl-2,6,13,17-tetraazatricyclo-[16.4.0.0.7.12]dodeca-1(2Z),2,4,7,9,11,13,15,18,20-decaene, C₂₂H₂₄N₄	Z.A. Begum, T. Takase, Ismail M.M. Rahman	L. Dey, S. Rabi, Z.A. Begum, T. Takase, Ismail M.M. Rahman , E.R.T. Tiepink, T.G. Roy	Zeitschrift für Kristallographie - New Crystal Structures	1	21 July, 2021	10.1515/ncrs-2021-0244
IER-2021-034	Selective recovery of silver and palladium from acidic waste solutions using dithiocarbamate-functionalized cellulose	Ismail M.M. Rahman	F.B. Biswas, Ismail M.M. Rahman , K. Nakakubo, K. Yunoshita, M. Endo, K. Nagai, A.S. Mashio, T. Taniguchi, T. Nishimura, K. Maeda, H. Hasegawa	Chemical Engineering Journal	1	1 March, 2021	10.1016/j.cej.2020.127225
IER-2021-033	Comparative evaluation of dithiocarbamate-modified cellulose and commercial resins for recovery of precious metals from aqueous matrices	Ismail M.M. Rahman	F.B. Biswas, Ismail M.M. Rahman , K. Nakakubo, K. Yunoshita, M. Endo, A.S. Mashio, T. Taniguchi, T. Nishimura, K. Maeda, H. Hasegawa	Journal of Hazardous Materials	1	15 September, 2021	10.1016/j.jhazmat.2021.126308
IER-2021-032	Highly selective and straightforward recovery of gold and platinum from acidic waste effluents using cellulose-based bio-adsorbent	Ismail M.M. Rahman	F.B. Biswas, Ismail M.M. Rahman , K. Nakakubo, M. Endo, K. Nagai, A.S. Mashio, T. Taniguchi, T. Nishimura, K. Maeda, H. Hasegawa	Journal of Hazardous Materials	1	15 May, 2021	10.1016/j.jhazmat.2020.124569
IER-2021-031	Viscometric studies of molecular interactions in binary mixtures of ethylbenzene with (C₄ to C₈) alkan-1-ols	Ismail M.M. Rahman	M. Ashraf Uddin, S. Barua, S.T. Nishi, J. Karmaker, M. Jafar Ahmed, S. Sharmin, S. Akther, S. Begum, A.F.M. Sanaullah, M.K.M. Ziaul Hyder, F. Hossain, K. Iwakabe, Ismail M.M. Rahman	Journal of Molecular Liquids	1	1 September, 2021	10.1016/j.molliq.2021.116457
IER-2021-030	First study on 236U in environmental samples from Bangladesh by ICP-MS/MS prior to the operation of its first nuclear power plant	M.F. Alam, I M.M. Rahman, K. Nanba	M.F. Alam , J. Hu, G. Yang, A.K.M.A. Ullah, M.I. Khalil, A.K.M.F. Kibria, I.M.M. Rahman, K. Nanba , M. Yamada	Journal of Radioanalytical and Nuclear Chemistry	1	15 August, 2021	10.1007/s10967-021-07931-5
IER-2021-029	Effect of operating variables on the separation of radiostrontium from aqueous matrices with ion-selective solid-phase extraction systems	M.F. Alam, Z.A. Begum, K. Nanba, Ismail M.M. Rahman	M.F. Alam , Y. Furusho, N. Kavasi, S.K. Sahoo, L. Pirnath, Z.A. Begum, K. Nanba, Ismail M.M. Rahman	Journal of Chromatography A	1	22 November, 2021	10.1016/j.chroma.2021.462625
IER-2021-028	Scots pine stands biomass assessment using 3D data from unmanned aerial vehicle imagery in the Chernobyl Exclusion Zone	V.Yoschenko, Y.Igarashi, K.Nanba	D.Holiaka, H.Kato, V.Yoschenko , Y.Onda, Y.Igarashi, K.Nanba , P.Diachuk, M.Holiaka, R.Zadorozhniuk, V.Kashparov, I.Chyzyevskiy	Journal of Environmental Management	1	1 October, 2021	10.1016/j.jenvman.2021.113319
IER-2021-027	Change in the Phytohormonal Status of Japanese Red Pine after the Fukushima Accident	V.I.Yoschenko, K.Nanba	S.V.Bitirishvili, S.A.Geras'kin, V.I.Yoschenko , A.A.Prazyan, K.Nanba	Russian Journal of Ecology	1	April, 2021	10.1134/S1067413621020041
IER-2021-026	Investigation of atmospheric tritiated water vapor level around the Fukushima Daiichi nuclear power plant	HIRAO Shigekazu	Hirao Shigekazu , Kakiuchi Hideki	Fusion Engineering and Design	1	October, 2021	10.1016/j.fusengdes.2021.112556
IER-2021-025	Simple Pretreatment Method for Tritium Measurement in Environmental Water Samples using a Liquid Scintillation Counter	Shigekazu HIRAO	Shunya NAKASONE, Sumi YOKOYAMA, Tomoyuki TAKAHASHI, Masakazu OTA, Hideki KAKIUCHI, Shinji SUGIHARA, Shigekazu HIRAO , Noriyuki MOMOSHIMA, Toshiya TAMARI, Nagayoshi SHIMA, Mariko ATARASHI-ANDOH, Satoshi FUKUTANI, Kaori NAKAMURA, Akinobu ISHIMINE, Masahide FURUKAWA, Masahiro TANAKA, Naofumi AKATA	Plasma and Fusion Research	1	2021	10.1585/pfr.16.2405035
IER-2021-024	Understanding temporal variations of atmospheric radon-222 around Japan using model simulations	S. Hirao	Ishijima, K., K. Tsuboi, H. Matsueda, T. Y. Tanaka, T. Maki, T. Nakamura, Y. Niwa, S. Hirao	Journal of the Meteorological Society of Japan	2	2021	10.2151/jmsj.2022-017
IER-2021-023	Gamma-ray spectroscopy with a CeBr3 scintillator under intense γ-ray fields for nuclear decommissioning	T. Torii	Kaburagi, K. Shimazoe, M. Kato, T. Kurosawa, K. Kamada, K. Jin Kim, M. Yoshino, Y. Shoji, A. Yoshikawa, H. Takahashi, T. Torii	Nuclear Instrument and Methods in Physics Research		1-Feb-21	10.1016/j.nima.2020.164900
IER-2021-022	Ten years have passed since the accident of the Fukushima Daiichi Nuclear Power Plant.-Current situation for the development for the new technology of radiation measurement and needs for decommissioning of the Fukushima Daiichi Nuclear Power Plant	TORII T	TORII T , SANADA Y	Journal of the Atomic Energy Society of Japan	2	30-May-21	
IER-2021-021	Radiation measurement and mapping technology developed / applied after the FDNPS accident 事故後に開発・適用された放射線の計測・マッピング技術	TORII T	TORII T , SANADA Y, SATO Y	Journal of the Atomic Energy Society of Japan	2	2021	

IER-2021-020	Estimate the Contribution of Water-Derived ¹³⁷Cs in the total ¹³⁷Cs in brown rice using water-to-brown rice transfer parameters and the specific activity ratio of ¹³⁷Cs/¹³⁴Cs	Y. Takagai, H. Tsukada	T.P. Nguyen, <u>Y. Takagai</u> , <u>H. Tsukada</u>	Soil Science and Plant Nutrition	1	31-Jan-22	10.1080/00380768.2022.2031284
IER-2021-019	Differentiating Fukushima and Nagasaki plutonium from global fallout using 241Pu/239Pu atom ratios: Pu vs. Cs uptake and dose to biota	H. Tsukada	M. P. Johansen, D. Anderson, D. Child, M. Hotchkiss, <u>H. Tsukada</u> , K. Okuda, T. G. Hinton	Science of the Total Environment	1	1 February 2022	10.1016/j.scitotenv.2020.141890
IER-2021-018	Radiation dose rate to Japanese cedar and plants collected from Okuma, Fukushima Prefecture	H. Tsukada	N. P. Thoa, S. Kaneko, S. Koya, H. Ohira, <u>H. Tsukada</u>	Science of the Total Environment	1	21-Jul-21	10.1016/j.scitotenv.2021.146350
IER-2021-017	Radiocaesium in the environment of Fukushima	H. Tsukada	<u>H. Tsukada</u>	Annals of the ICRP 2021	1	14-Jun-21	10.1177/01466453211006808
IER-2021-016	Accumulation of ¹³⁷Cs in aggregated organo-mineral assemblage in pasture soils 8 years after the accident at Fukushima Daiichi nuclear power plant	H. Tsukada	<u>H. Tsukada</u> , D. Yamada and N. Yamaguchi	Science of the Total Environment	1	22-Mar-22	10.1016/j.scitotenv.2021.150688
IER-2021-015	Planned release of contaminated water from the Fukushima storage tanks into the ocean: simulation scenarios of radiological impact for aquatic biota and human from seafood consumption	Hyoie Takata	Roman Bezhenar, <u>Hyoie Takata</u> , Govert de With, Vladimir Maderich	Marine Pollution Bulletin	1	Dec-21	10.1016/j.marpolbul.2021.112969
IER-2021-014	Importance of desorption process from Abukuma River's suspended particles in increasing dissolved ¹³⁷Cs in coastal water during river-flood caused by typhoons	Takata H, Wakiyama Y, Igarashi Y, Konoplev A	<u>Takata H</u> , <u>Wakiyama Y</u> , Niida T, <u>Igarashi Y</u> , <u>Konoplev A</u>	Chemosphere	1	Oct-21	10.1016/j.chemosphere.2021.130751
IER-2021-013	Factors controlling dissolved ¹³⁷Cs activities in coastal waters on the eastern and western sides of Honshu, Japan	Hyoie Takata, Toshihiro Wada, Tsutomu Kanasashi	<u>Hyoie Takata</u> , <u>Toshihiro Wada</u> , Tatsuo Aono, Mutsuo Inoue, Tsutomu Kanasashi, Shotaro Suzuki, Yosuke Amano	Science of the Total Environment	1	1-Feb-22	10.1016/j.scitotenv.2021.151216
IER-2021-012	Evaluation of DNA damage and stress in wildlife chronically exposed to low-dose, low-dose rate radiation from the Fukushima Dai-ichi Nuclear Power Plant accident.	Ishiniwa H	Cunningham K, Hinton TG, Luxton JJ, Bordman A, Okuda K, Taylor LE, Hayes J, Gerke HC, Chinn SM, Anderson D, Laudenslager ML, Takase T, Nemoto Y, <u>Ishiniwa H</u> , Beasley JC, Bailey SM	Environment International	1	Oct-21	10.1016/j.envint.2021.106675
IER-2021-011	Introgression dynamics from invasive pigs into wild boar following the March 2011 natural and anthropogenic disasters at Fukushima	Ishiniwa H	Anderson D, Negishi Y, <u>Ishiniwa H</u> , Okuda K, Hinton TG, Toma R, Nagata J, Tamate HB, Kaneko S	Proceedings of Royal Society B	1	30-Jun-21	10.1098/rspb.2021.0874
IER-2021-010	Proteomic biomarker analysis of serum from Japanese field mice (Apodemus speciosus) collected within the Fukushima difficult-to-return zone	Ishiniwa H, Nanba K	Sproull M, Hayes J, <u>Ishiniwa H</u> , <u>Nanba K</u> , Shankavaram U, Camphausen K, Johnson TE	Health Physics	1	1-Dec-21	10.1097/HP.0000000000001467
IER-2021-009	Impacts of freeze-thaw processes and subsequent runoff on ¹³⁷Cs washoff from bare land in Fukushima	Igarashi Y., Nanba K., Wada T., Wakiyama Y., Konoplev A.	<u>Igarashi Y.</u> , <u>Onda Y.</u> , <u>Wakiyama Y.</u> , Yoshimura K., Kato H., Kozuka S., Manome R.	Science of The Total Environment	1	15-May-21	10.1016/j.scitotenv.2020.1447066et
IER-2021-008	Factors Controlling the Dissolved ¹³⁷Cs Seasonal Fluctuations in the Abukuma River Under the Influence of the Fukushima Nuclear Power Plant Accident	Igarashi Y., Nanba K., Wada T., Wakiyama Y., Konoplev A.	<u>Igarashi Y.</u> , <u>Nanba K.</u> , <u>Wada T.</u> , <u>Wakiyama Y.</u> , <u>Onda Y.</u> , <u>Moritaka S.</u> , <u>Konoplev A.</u>	Journal of Geophysical Research: Biogeosciences	1	05 January 2022	10.1029/2021JG006591
IER-2021-007	Transformation of radiocesium speciation in ponds at the vicinity of Fukushima Dai-ichi nuclear power plant and dynamics of its distribution in sediment-water system.	A. V. Konoplev, Y. Wakiyama, T. Wada, K. Nanba	<u>A. V. Konoplev</u> , <u>Y. Wakiyama</u> , <u>T. Wada</u> , M. Ivanov, M. A. Komissarov <u>K. Nanba</u>	Russian Meteorology and Hydrology	1	26-Aug-21	10.3103/S1068373921050058
IER-2021-006	Semi-empirical diffusional model of radionuclide wash-off from contaminated watersheds and its testing using monitoring data for Fukushima and Chernobyl rivers	Konoplev A	<u>Konoplev A.</u> , V. I. Kanivets, O. M. Zhukova, M. G. Germenchuk, G. A. Derkach	Geochemistry International	1	17-Jun-21	
IER-2021-005	A comparative study of riverine ¹³⁷Cs dynamics during high-flow events at three contaminated river catchments in Fukushima	Wakiyama Y, Takata H, Konoplev A	Niida T, <u>Wakiyama Y</u> , <u>Takata H</u> , Taniguchi K, Kurosawa H, Fujita K, <u>Konoplev A</u>	Science of the Total Environment		Online 15 May 2022	10.1016/j.scitotenv.2022.153408
IER-2021-004	Evaluation of DNA damage and stress in wildlife chronically exposed to lowdose, low-dose rate radiation from the Fukushima Dai-ichi Nuclear Power Plant accident	Thomas G. H, Tsugiko T, Hiroko I	Kelly C, <u>Thomas G. H</u> , Jared J. L, Aryn B, Kei O, Lynn E. T, Josh H, Hannah C. G, Sarah M. C, Donovan A, Mark L. L, <u>Tsugiko T</u> , Yui N, <u>Hiroko I</u> , James C. B, Susan M. B	Environment International	1	Online June, 2021	10.1016/j.envint.2021.106675
IER-2021-003	Scots pine stands biomass assessment using 3D data from unmanned aerial vehicle imagery in the Chernobyl Exclusion Zone	Vasyly Y, Yasunori I, Kenji N	Dmytrii H, Hiroaki K, <u>Vasyly Y</u> , Yuichi O, <u>Yasunori I</u> , <u>Kenji N</u> , Petro D, Maryna H, Roman Z, Valery K, Ihor C	Journal of Environmental Management	1	Online May, 2021	10.1016/j.jenvman.2021.113319
IER-2021-002	Importance of desorption process from Abukuma River's suspended particles in increasing dissolved ¹³⁷Cs in coastal water during river-flood caused by typhoons	Hyoie T, Yoshifumi W, Takuya N, Yasunori I, Aleksei K	<u>Hyoie T</u> , <u>Yoshifumi W</u> , Takuya N, Yasunori I, Aleksei K, Naohiko I	Chemosphere	1	Online July, 2021	10.1016/j.chemosphere.2021.130751
IER-2021-001	Introgression dynamics from invasive pigs into wild boar following the March 2011 natural and anthropogenic disasters at Fukushima	Ishiniwa H, Hinton T, Kaneko S	Anderson D, Negishi Y, <u>Ishiniwa H</u> , Okuda K, <u>Hinton T</u> , Toma R, Nagata J, Tamate HB, <u>Kaneko S</u>	Proceedings of the Royal Society B: Biological Sciences	1	June, 2021	10.1098/rspb.2021.0874