

平成29年度発表論文一覧 | Publications of FY2017

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 年月	DOI
					分類		
IER-2017-047	Estimations of direct release rate of ¹³⁷Cs and ⁹⁰Sr to the ocean from the Fukushima Dai-ichi Nuclear Power Plant for five-and-a-half year	青山道夫	Tsume D, Aoyama M , Hirose K, Tsubono T, Misumi K, Tateda Y	Proceedings of the 4th International Conference of Environmental Radioactivity	1	April, 2017	
IER-2017-046	地球規模課題対応国際科学技術協力プログラム (SATREPS) 「チェルノブイリ災害後の環境管理支援技術の確立」に関するキックオフミーティング報告 Report on the Kick-off Meeting on "Strengthening of the Environmental Radiation Control and Legislative Basis for the Environmental Remediation of Radioactively Contaminated Sites" by SATREPS	平尾茂一	Sorimachi A, Hirao S , Zheleznyak M , Asanuma J, Wakiyama Y , Sakaguchi A, Onda Y, Nanba K	保健物理 Japanese Journal of Health Physics, 52(3), 231-235	2	November, 2017	10.5453/jhps.52.231
IER-2017-045	Magnetic properties of magnetic glass-like carbon prepared from furan resin alloyed with magnetic fluid	高瀬つぎ子	Nakamura K, Okuyama K, Takase T	Journal of Magnetism and Magnetic Materials, 425, 43-47	1	March, 2017	10.1016/j.jmmm.2016.10.114
IER-2017-044	Ruthenium complexes bearing a tridentate polypyridyl ligand with non-coordinating donor atoms: Construction of a specific coordination environment involving noncovalent interactions	高瀬つぎ子	Oyama D, Yamanaka T, Abe R, Takase T	Journal of Organometallic Chemistry, 830, 167-174	1	February, 2017	10.1016/j.jorganchem.2016.12.001
IER-2017-043	cis,trans-Dicarbonyldichlorido(1,10-phenanthroline-5,6-dione-κ²N,N')ruthenium(II)	高瀬つぎ子	Takase T , Takahashi K, Oyama D	IUCrData (2017). 2, x170288	1	February, 2017	10.1107/S2414314617002887
IER-2017-042	2-(Pyridin-2-yl)pyridinium trifluoromethanesulfonate	高瀬つぎ子	Abe R, Takase T , Oyama D	IUCrData (2017). 2, x170689	1	May, 2017	10.1107/S2414314617006897
IER-2017-041	CO-ligand Photodissociation in Two Ru(II) Complexes Affected by Different Polypyridyl Supporting Ligands	高瀬つぎ子	Oyama D, Abe R, Takase T	Chemistry Letters, 46(9)	1	September, 2017	10.1246/cl.170550
IER-2017-040	(OC-6-35-A)-Aquadicarbonylchlorido(2-(2-pyridyl)-1,8-naphthyridine-κ²N1,N2)ruthenium(II) hexafluoridophosphate 2,2'-Bipyridine	高瀬つぎ子	Takase T , Abe R, Oyama D	Molbank 2017, 2017(3), M950	1	August, 2017	10.3390/M950
IER-2017-039	2-(Pyridin-2-yl)-1,8-naphthyridine	高瀬つぎ子	Abe R, Takase T , Oyama D	IUCrData (2017). 2, x171221	1	August, 2017	10.1107/S2414314617012214
IER-2017-038	Coordination chemistry of mononuclear ruthenium complexes bearing versatile 1,8-naphthyridine units: Utilization of specific reaction sites constructed by the secondary coordination sphere	高瀬つぎ子	Oyama D, Abe R, Takase T	Coordination Chemistry Reviews	1	Inpress(20 December 2017)	10.1016/j.ccr.2017.11.024
IER-2017-037	Transformation of different reaches of the Niida River (Japan) after extreme flood	アレクセイ・コノブリョフ	Golosov V, Botavin D, Konoplev A , Wakiyama Y	Revista de Geomorfologie, 19, 75-87	1	December, 2017	10.21094/rg.2017.006
IER-2017-036	Radioactive contaminated forests in Fukushima and Chernobyl	ヴァシル・ヨシenko	Yoschenko V , Ohkubo T, Kashparov V	Journal of Forest Research	1	August, 2017	10.1080/13416979.2017.1356681
IER-2017-035	多段階分離機構を備えるICP-MSによる放射性ストロンチウム分析: Radioactive Strontium Measurement Using ICP-MS Following Cascade Preconcentration and Separation	高貝慶隆	Takagai Y , Furukawa M, Kameo Y, Matsueda M, Suzuki K	分析化学 BUNSEKI KAGAKU, 66(4), 223-231	1	May, 2017	10.2116/bunsekikagaku.66.223
IER-2017-034	オンライン閾相抽出/ICP-MSにおける放射性ストロンチウム分析のための内標準補正シグナル検算法の開発: Internal Standard Corrected Signal Integration Method for Determination of Radioactive Strontium by Online Solid Phase Extraction/ICP-MS	高貝慶隆	Furukawa Makoto, Matsueda Makoto, Takagai Yoshitaka	分析化学 BUNSEKI KAGAKU, 66(3), 181-187	1	April, 2017	10.2116/bunsekikagaku.66.181
IER-2017-033	福島県松川浦におけるクロホシマンジュウダイ幼魚の初記録 First record of juvenile spotted scat <i>Scatophagus argus</i> from the Matsukawa-ura lagoon, Fukushima Prefecture, Japan	和田敏裕	久米学, 和田敏裕 , 高木淳一, 堀友彌, 三田村啓理, 荒井修亮, 山下洋	魚類学雑誌 Japanese Journal of Ichthyology, 64, 201-205	1	November, 2017	
IER-2017-032	Laboratory culture experiments to study the effect of lignite humic acid fractions on iron solubility and iron uptake rates in phytoplankton	イスマイル・ラハマン	Hasegawa H, Tate Y, Ogino M, Maki T, Begum Z, Ichijo T, Rahman IMM	Journal of Applied Phycology, 29, 903-915	1	April, 2017	10.1007/s10811-016-0982-5
IER-2017-031	Quality assessment of the non-carbonated bottled drinking water marketed in Bangladesh and comparison	イスマイル・ラハマン	Rahman IMM , Barua S, Barua R,	Food Control, 73, 1149-1158	1	March, 2017	10.1016/j.foodcont.2016.10.032
IER-2017-030	Concentrations of Radiocesium and ⁹⁰Sr in Agricultural Plants Collected from Local Markets and Experimental Fields before Resuming Agriculture in Fukushima Prefecture	塚田祥文	Tsukada H , Takahashi T, Fukutami S, Akashi M	Proceedings of the 14th International Congress of the International Radiation Protection Association, 1, 37-42	2	November, 2017	ISBN 978-0-998966-1-8
IER-2017-029	Natural attenuation of Fukushima-derived radiocesium in soils due to its vertical and lateral migration	アレクセイ・コノブリョフ	Konoplev A , Golosov V, Wakiyama Y , Takase T , Yoschenko V , Yoshihara T, Parenyuk O, Cresswell A, Ivanov M, Carradine M , Nanba K , Onda Y	Journal of Environmental Radioactivity, 186, 23-33	1	June, 2018	10.1016/j.jenvrad.2017.06.019
IER-2017-028	Behavior of ¹³⁷Cs in ponds in the vicinity of the Fukushima Dai-ichi nuclear power plant	脇山義史	Wakiyama Y , Konoplev A , Wada T , Takase T , Byrnes I, Carradine M, Nanba K	Journal of Environmental Radioactivity, 178-179, 367-376	1	November, 2017	10.1016/j.jenvrad.2017.07.017

IER-2017-027	Application of bomb- and Chernobyl-derived radiocaesium for reconstructing changes in erosion rates and sediment fluxes from croplands in areas of European Russia with different levels of Chernobyl fallout	バレンティン・ゴロフ	Golosov V, Walling D, Konoplev A, Ivanov M, Sharifullin A	Journal of Environmental Radioactivity	1	inpress	10.1016/j.jenvrad.2017.06.022
IER-2017-026	The ¹³⁷Cs activity concentration of suspended and dissolved fractions in irrigation waters collected from the 80 km zone around TEPCO's Fukushima Daiichi Nuclear Power Station	塚田祥文	Tsukada H, Nihira S, Watanabe T, Takeda S	Journal of Environmental Radioactivity, 178-179, 354-359	1	November, 2017	10.1016/j.jenvrad.2017.08.002
IER-2017-025	Radioactive and stable cesium isotope distributions and dynamics in Japanese cedar forests	ヴァシル・ヨシエンコ	Yoschenko V, Takase T, Hinton TG, Nanba K, Onda Y, Konoplev A, Goto A, Yokoyama A, Keitoku K	Journal of Environmental Radioactivity, 186, 34-44	1	June, 2018	10.1016/j.jenvrad.2017.09.026
IER-2017-024	Source analysis of radiocesium in river waters using road dust tracers	塚田祥文	Murakami M, Saha M, Iwasaki Y, Yamashita R, Koibuchi Y, Tsukada H, Takada H, Sueki K, Yasutaka T	Chemosphere 187, 212-220	1	November, 2017	10.1016/j.chemosphere.2017.08.095
IER-2017-022	Complexation behavior of SrII and geochemically-related elements (MgII, CaII, BaII, and YIII) with biodegradable aminopolycarboxylate chelators (GLDA and HIDS)	イスマイル・ラハマン	Begum ZA, Rahman IMM, Hasegawa H	Journal of Molecular Liquids, 242, 1123-1130	1	September, 2017	10.1016/j.molliq.2017.07.126
IER-2017-021	Characterization of Radiocesium Levels and Fractions of ¹³⁷Cs in Soil Collected from Oguni, Date Using Manual and Instrument Software Calculation Based on Covell Method	塚田祥文	Jagonoy A M, Tsukada H	Philippine Journal of Science, 146(2), 193-199	2	June, 2017	ISSN 0031-7683
IER-2017-020	Extractive decontamination of cesium-containing soil using a biodegradable aminopolycarboxylate chelator	イスマイル・ラハマン	Sawai H, Rahman IMM, Lu C, Begum ZA, Saito M, Hasegawa H	Microchemical Journal, 134, 230-236	1	September, 2017	10.1016/j.micro.2017.06.010
IER-2017-019	Liquid electrode plasma-optical emission spectrometry combined with solid-phase preconcentration for on-site analysis of lead	イスマイル・ラハマン	Barua S, Rahman IMM, Alam I, Miyaguchi M, Sawai H, Maki T, Hasegawa H	Fisheries Science, 83, 573-585	1	August, 2017	10.1016/j.jchrom.2017.06.016
IER-2017-018	Horizontal movement and emigration of juvenile spotted halibut <i>Verasper variegatus</i> released in a shallow brackish lagoon: Matsukawa-ura, northeastern Japan, revealed by acoustic telemetry	和田敏裕	Wada T, Kamiyama K, Mitamura H, Arai N	Fisheries Science, 83, 573-585	1	June, 2017	10.1007/s12562-017-1099-8
IER-2017-017	Impact of the 2011 tsunami on the Manila clam <i>Ruditapes philippinarum</i> population and subsequent population recovery in Matsukawa-ura Lagoon, Fukushima, northeastern Japan	和田敏裕	Abe H, Sato T, Iwasaki T, Wada T, Tomiyama T, Sato T, Hamaguchi M, Kajihara N, Kamiyama T	Regional Studies in Marine Science, 9, 97-105	1	January, 2017	10.1016/j.rsma.2016.12.003
IER-2017-016	Dose assessment in environmental radiological protection: State of the art and perspectives	トーマス・ヒントン	Stark K, Gom ez-Ros JM, BattleJ, Hansen E, Beaugelin-Seiller K, Kapustka LA, Wood MD, Bradshaw C, Real A, McGuire C, Hinton TG	Journal of Environmental Radioactivity, 175-176, 105-114	1	September, 2017	10.1016/j.jenvrad.2017.05.001
IER-2017-015	Radiocesium interception potential of agricultural soils in northeast Japan	塚田祥文	Yamaguchi N, Tsukada H, Kohyama K, Takata Y, Takeda A, Isono S, Taniyama I	Soil Science and Plant Nutrition, 2017, 119-126	1	March, 2017	10.1080/00380768.2017.1294467
IER-2017-014	陸水中における微量溶存態放射性セシウムの濃縮法の比較	塚田祥文	Yasutaka T, Shin M, Onda Y, Shinano T, Hayashi S, Tsukada H, Aono Y, Iijima K, Eguchi S, Ohno K, Yoshida Y, Kamihigashi K, Kitamura K, Kubota T, Nogawa N, Yoshikawa N, Yamaguchi H, Sueki K, Tsuji H, Miyazu S, Okada Y, Kurihara M, Tarjan S, Matsunami H, Uchida S	分析化学 BUNSEKI KAGAKU, 66, 299-307	1	May, 2017	10.2116/bunsekikagaku.66.299
	Comparison of Concentration Methods for Low-level Radiocesium in Fresh Water						
IER-2017-013	Assessment of radiological efficiency of countermeasures on peat-bog soils of Ukrainian Polissya	ヴァシル・ヨシエンコ	Maloshtan I, Polishchuk S, Kashparov V, Yoschenko V	Journal of Environmental Radioactivity, 175-176, 52-59	1	September, 2017	10.1016/j.jenvrad.2017.03.026
IER-2017-012	Ferralsols in the Cameroon plateaus, with a focus on the mineralogical control on their cation exchange capacities	塚田祥文	Nakao A, Sugihara S, Maejima Y, Tsukada H, Funakawa S	Geoderma, 285, 206-216	1	January, 2017	10.1016/j.geoderma.2016.10.003
IER-2017-011	Soil-soil solution distribution coefficient of soil organic matter is a key factor for that of radioiodide in surface and subsurface soils	塚田祥文	Unno Y, Tsukada H, Takeda A, Takaku Y, Hisamatsu S	Journal of Environmental Radioactivity, 169-170, 131-136	1	April, 2017	10.1016/j.jenvrad.2017.01.016
IER-2017-010	2014年までの西部北太平洋における福島第一原子力発電所事故後放射能セシウムの広がり	青山道夫	Kumamoto Y, Aoyama M, Hamajima Y, Nagai H, Yamagata T, Murata A	分析化学 BUNSEKI KAGAKU, 66, 137-148	1	April, 2017	10.2116/measurementandanalysis.kagaku.66.137
	Spreading of Fukushima-derived Radiocesium in the Western North Pacific Ocean by the End of 2014						
IER-2017-009	Temporal changes in radiocesium contamination derived from the Fukushima Dai-ichi Nuclear Power Plant accident in oceanic zooplankton in the western North Pacific	青山道夫	Kitamura M, Honda MC, Hamajima Y, Kumamoto Y, Aoyama M, Kawakami H, Aono T, Fukuda M, Mino Y	Journal of Environmental Radioactivity, 172, 163-172	1	June, 2017	10.1016/j.jenvrad.2017.03.024
IER-2017-008	Effect of decreased fishing efforts off Fukushima on abundance of Japanese flounder (<i>Paralichthys olivaceus</i>) using an age-structured population model considering seasonal coastal-offshore migrations	和田敏裕	Shibata Y, Sakuma T, Wada T, Kurita Y, Tomiyama T, Yamada M, Iwasaki T, Mizuno T, Yamanobe A	Fisheries Oceanography 26, 193-207	1	March, 2017	10.1111/fog.12179
IER-2017-007	Elucidating the spawning migration and core reproductive duration of male flatfish using sperm duct volume as an index for better fishery advice and management	和田敏裕	Kayaba T, Wada T, Murakami O, Kamiyama K, Sawaguchi S, Kawabe R	Fisheries Research, 186, 565-571	1	February, 2017	10.1016/j.fishres.2016.06.019

IER-2017-006	Pollution of radiocesium and radiosilver in wharf roach (<i>Ligia sp.</i>) by the Fukushima Dai-ichi Nuclear Power Plant accident	和田敏裕	Qiu X, Undap SL, Honda M, Sekiguchi T, Suzuki N, Shimasaki Y, Ando H, Sato-Okoshi W, <u>Wada T</u> , Sunobe T, Takeda S, Munehara H, Yokoyama H, Momoshima N, Oshima Y	Journal of Radioanalytical and Nuclear Chemistry, 311, 121-126	1	February, 2017	10.1007/s10967-016-4879-1
IER-2017-005	Behaviourally mediated thermal experience in relation to final oocyte maturation by free-swimming barfin flounder (<i>Verasper moseri</i>)	和田敏裕	Kawabe R, Nakatsuka N, <u>Wada T</u> , Sawaguchi S, Murakami O, Kamiyama K, Kito K, Furukawa S, Kayaba T	Fisheries Research, 186, 544-564	1	February, 2017	10.1016/j.fishres.2016.08.023
IER-2017-004	Fukushima-derived radiocesium in the western North Pacific in 2014	青山道夫	Kumamoto Y, <u>Aoyama M</u> , Hamajima Y, Nagai H, Yamagata T, Kawai Y, Oka E, Yamaguchi A, Imai K, Murata A	Journal of Radioanalytical and Nuclear Chemistry, 311, 1209-1217	1	February, 2017	10.1007/s10967-016-5055-3
IER-2017-003	Radiocesium distribution and fluxes in the typical <i>Cryptomeria japonica</i> forest at the late stage after the accident at Fukushima Dai-ichi Nuclear Power Plant	ガッシュル・ヨシエンコ	Yoschenko V, Takase T, Konoplev A, Nanba K, Onda Y, <u>Kirva S</u> , Zheleznyak M, Sato N, Keitoku K	Journal of Environmental Radioactivity, 166, 45-55	1	January, 2017	10.1016/j.jenvrad.2016.02.017
IER-2017-002	Fukushima Daiichi-Derived Radionuclides in the Ocean: Transport, Fate, and Impacts	青山道夫	Buesseler K, Dai M, <u>Aoyama M</u> , Benitez-Nelson C, Charmasson S, Higley K, Maderich V, Masque P, Oughton D, N Smith J	Annual Review of Marine Science, 9	2	January, 2017	10.1146/annurev-marine-010816-060733
IER-2017-001	Temporal Variations of Global Fallout-Derived Plutonium and ¹³⁷Cs in River Water in Japan	青山道夫	Hirose K, <u>Aoyama M</u>	International Journal of Earth & Environmental Sciences	1	January, 2017	10.15344/2456-351X/2017/125