

3. 査読論文一覧

中課題番号	論文タイトル	著者名	掲載誌名	巻(号)	ページ	発行年
A11	Biodegradation of dieldrin by a soil fungus isolated from a soil with annual endosulfan applications	Kataoka R. Takagi K. Kamei I. Kiyota H. Sato Y.	Environmental Science and Technology	44(16)	6343-6349	2010
A11	Dieldrin-dissolving abilities of the xylem saps of several plant families, particularly Cucurbita pepo L.	Murano H. Otani T. Seike N.	Environmental Toxicology and Chemistry	29(10)	2269-2277	2010
A11	Recent technology on bio-remediation of POPs and persistent pesticides	Takagi K. Kataoka R. Yamazaki K.	JARQ-Japan Agricultural Research Quarterly	45(2)	129-136	2011
A11	Determination of imidacloprid in paddy water and soil by liquid chromatography electrospray ionization-tandem mass spectrometry	Thuyeta D.Q. Yamazaki K. Phong T.K. Watanabe H. Nhunh D.T.T. Takagi K.	Journal of Analytical Chemistry	65(8)	843-847	2010
A11	Clean up of petroleum-hydrocarbon contaminated soils using enhanced bioremediation system: laboratory feasibility study	Chien H.Y. Kao C.M. Liu J.K. Takagi K. Surampalli R.Y.	Journal of Environmental Engineering-Asce	136(6)	597-606	2010
A11	Biological soil disinfection using ethanol: effect on Fusarium oxysporum f. sp. lycopersici and soil microorganisms	Momma N. Momma M. Kobara Y.	Journal of General Plant Pathology	76(5)	336-344	2010
A11	A new endosulfan-degrading fungus, Mortierella species, isolated from a soil contaminated with organochlorine pesticides	Kataoka R. Takagi K. Sakakibara F.	Journal of Pesticide Science	35(3)	326-332	2010
A11	In-situ growth rate of Microcystis spp. and their growth-limiting factors: use of cellular RNA content	Nagai T. Tomioka N. Kawasaki T. Imai A. Matsushige K.	Limnology		doi: 10.1007/s10201-010-0339-8	2010
A11	Bioconversion of dieldrin by wood-rotting fungi and metabolite detection	Kamei I. Takagi K. Kondo R.	Pest Management Science	66(8)	888-891	2010
A11	Chalcone suppresses lignin biosynthesis in illuminated soybean cells	Chen W. Yun M. Deng F. Yogo Y.	Weed Biology and Management	11(1)	49-56	2011
A11	Chlorothalonil degradation by Ochrobactrum lupini strain TP-D1 and identification of its metabolites	Shi X. Guo R. Takagi K. Miao Z. Li S.	World Journal of Microbiology and Biotechnology		doi: 10.1007/s11274-010-0631-0	2010
A11	コムギ作における各種作付体系がカラスムギの動態に及ぼす影響：ポット試験による評価	浅井元朗 與語靖洋	雑草研究	55(2)	55-61	2010
A11	リグニン生合成系制御に関する生理生化学的研究	與語靖洋	雑草研究	55(2)	69-73	2010
A11	ジクワット・パラコート液剤処理および麦稈の被覆がカラスムギ種子の出芽に及ぼす影響	浅井元朗 與語靖洋	雑草研究	55(3)	167-173	2010
A11	ネズミムギに対する主要ムギ類用土壌処理型除草剤の防除効果	浅井元朗 與語靖洋	雑草研究	55(4)	258-262	2010
A11	11種の水稲用除草剤の確率的生態リスク評価	永井孝志 稲生圭哉 横山淳史 岩船敬 堀尾剛	日本リスク研究会誌	20(4)	279-291	2011
A11	Detection of a QTL for accumulating Cd in rice that enables efficient Cd phytoextraction from soil	Abe T. Taguchi-Shiobara F. Kojima Y. Ebitani T. Kuramata M. Yamamoto T. Yano M. Ishikawa S.	Breeding Science	61	43-51	2011
A11	単一検出器型高分解能誘導結合プラズマ質量分析装置を用いる穀物のストロンチウムと鉛の同位体比分析	篠崎美由起 有山薫 川崎晃 平田岳史	Bunseki Kagaku (分析化学)	59(11)	1003-1011	2010

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A11	Physiological role of sodium in the growth of the halophyte <i>suaeda salsa</i> (L.) pall. under high-sodium conditions	Mori S. Akiya M. Yamamura K. Murano H. Arao T. Kawasaki A. Higuchi K. Maeda Y. Yoshida M. Tadano T.	Crop Science	50(6)	2492-2498	2010
A11	Cadmium distribution in the root tissues of solanaceous plants with contrasting root-to-shoot Cd translocation efficiencies	Yamaguchi N. Mori S. Baba K. Kaburagi-Yada S. Arao T. Kitajima N. Hokura A. Terada Y.	Environmental and Experimental Botany	71(2)	198-206	2010
A11	Effects of arsenic compound amendment on arsenic speciation in rice grain	Arao T. Kawasaki A. Baba K. Matsumoto S.	Environmental Science and Technology	45(4)	1291-1297	2011
A11	Air-drying and liming effects on exchangeable cadmium mobilization in contaminated soils: A repeated batch extraction study	Tang X. Katou H. Suzuki K. Ohtani T.	Geoderma	161	18-29	2011
A11	Transformation of diphenylarsinic acid in agricultural soils	Maejima Y. Arao T. Baba K.	Journal of Environmental Quality	40(1)	76-82	2011
A11	Reduction of cadmium uptake in spinach (<i>Spinacia oleracea</i> L.) by soil amendment with animal waste compost	Sato A. Takeda H. Oyanagi W. Nishihara E. Murakami M.	Journal of Hazardous Materials	181(1-3)	298-304	2010
A11	Heavy metal contamination of agricultural soil and countermeasures in Japan	Arao T. Ishikawa S. Murakami M. Abe K. Maejima Y. Makino T.	Paddy and Water Environment	8(3)	247-257	2010
A11	Heavy metal pollution of soil and risk alleviation methods based on soil chemistry	Makino T. Luo Y. Wu L. Sakurai Y. Maejima Y. Aakahane I. Arao T.	Pedologist	53(3)	38-48	2010
A11	Effects of nitrogen fertilizer pH and electrical conductivity on the solubility of cadmium in soil solution	Akahane I. Makino T. Maejima Y.	Pedologist	53(3)	101-107	2010
A11	Developing of a simple method for screening soybean seedling cadmium accumulation to select soybean genotypes with low seed cadmium	Sugiyama M. Ae N. Hajika N.	Plant and Soil	341(1-2)	413-422	2010
A11	EXAFS speciation and phytoavailability of Pb in a contaminated soil amended with compost and gypsum	Hashimoto Y. Yamaguchi N. Takaoka M. Shiota K.	Science of the Total Environment	409(5)	1001-1007	2011
A11	Possible chemical forms of cadmium and varietal differences in cadmium concentrations in the phloem sap of rice plants (<i>Oryza sativa</i> L.)	Kato M. Ishikawa S. Inagaki K. Chiba K. Hayashi H. Yanagisawa S. Yonemura T.	Soil Science and Plant Nutrition	56(6)	839-847	2010
A21	Evaluation of total allelopathic activity of heartseed walnut (<i>Juglans ailanthifolia</i> Carr.) and its potential to control black locust (<i>Robinia pseudo-acacia</i> L.)	Jung K. Fuji Y. Yoshizaki S. Kobori H.	Allelopathy Journal	26(2)	243-254	2010
A21	Influence of irradiation on dispersal ability and survival rate in the sugarcane click beetle <i>Melanotus okinawensis</i> Ôhira (Coleoptera: Elateridae)	Arakaki N. Nagayama A. Kishita M. Nakamoto Y. Sokei Y. Yamamura K.	Applied Entomology and Zoology	45(2)	303-311	2010
A21	Estimation of the dispersal ability of <i>Melanotus okinawensis</i> (Coleoptera: Elateridae) larvae in soil	Arakaki N. Hokama Y. Yamamura K.	Applied Entomology and Zoology	45(2)	297-302	2010

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A21	Influence of aphidohost plant pairs on the survivorship and development of the multicolored Asian ladybird beetle: implications for the management of vegetation in rural landscapes	Kamo T. Tokuoka Y. Miyazaki M.	Ecological Research	25(6)	1141-1149	2010
A21	Unusually high levels of bio-available phosphate in the soils of Ogasawara Islands, Japan: Putative influence of seabirds	Morita S. Kato H. Iwasaki N. Kusumoto Y. Yoshida K. Hiradate S.	Geoderma	160(2)	155-164	2010
A21	Estimation of the process invaded by accidentally introduced strains of <i>Abutilon theophrasti</i> into Japan: Temporal change of chloroplast DNA haplotype	Kurokawa S. Shibaik H. Yoshimura Y.	JARQ-Japan Agricultural Research Quarterly	45(2)	203-210	2011
A21	Adaptive management of sika deer populations in Hokkaido, Japan: theory and practice	Kaji K. Saitoh T. Uno H. Matsuda H. Yamamura K.	Population Ecology	52(3)	373-387	2010
A21	Contamination of internationally traded wheat by herbicide-resistant <i>Lolium rigidum</i>	Shimono Y. Takiguchi Y. Konuma A.	Weed Biology and Management	10(4)	219-228	2010
A21	Three-dimensional prediction of maize pollen dispersal and cross-pollination, and the effects of windbreaks	Ushiyama T. Du M. Inoue S. Shibaik H. Yonemura S. Kawashima S. Amano K.	Environmental Biosafety Research	8(4)	183-202	2010
A21	Hybridization between GM soybean (<i>Glycine max</i> (L.) Merr.) and wild soybean (<i>Glycine soja</i> Sieb. et Zucc.) under field conditions in Japan	Mizuguti A. Ohigashi K. Yoshimura Y. Kaga A. Kuroda Y. Matsuo K.	Environmental Biosafety Research	9(1)	13-23	2010
A21	Persistence of feral populations of <i>Brassica napus</i> originated from spilled seeds around the Kashima seaport in Japan	Mizuguchi A. Yoshimura Y. Shibaik H. Matsuo K.	JARQ-Japan Agricultural Research Quarterly	45(2)	181-185	2011
A21	Wind tunnel and field assessment of pollen dispersal in Soybean [<i>Glycine max</i> (L.) Merr.]	Yoshimura Y.	Journal of Plant Research	124(1)	109-114	2011
A21	イネの穂ばらみ期冷温による不稔発生条件下における遠隔距離と交雑率の関係	丹野久 竹内徹 木内均 芝池博幸	日本作物学会記事	80(1)	49-58	2011
B11	A framework for monitoring the status of populations: An example from wader populations in the East Asian/Australasian flyway	Amano T. Székely T. Koyama K. Amano H. Sutherland W.J.	Biological Conservation	143(9)	2238-2247	2010
B11	Early-stage impacts of sika deer on structure and function of the soil microbial food webs in a temperate forest: A large-scale experiment	Niwa S. Mariani L. Kaneko N. Okada H. Sakamoto K.	Forest Ecology and Management	261(3)	391-399	2011
B11	Propagation of <i>Aphelenchus avenae</i> Bastian (Aphelenchidae) and <i>Filenchus misellus</i> Andrassy (Tylenchidae) on seven fungal isolates of <i>Rhizoctonia</i>	Okada H. Harada H. Nozaki M.	Nematological Research (日本線虫学会誌)	40(2)	53-55	2010
B11	Seasonal and sexual differences in migration timing and fat deposition in the Greater White-fronted Goose	Moriguchi S. Amano T. Ushiyama K. Fujita G. Higuchi H.	Ornithological Science	9(1)	75-82	2010
B11	Silent night in Japanese rice fields? A population decline in the greater painted snipe	Amano T. Li M. Yoshida H.	Ornithological Science	9(1)	49-53	2010
B11	Limitations on tree seedling establishment across ecotones between abandoned fields and adjacent broad-leaved forests in eastern Japan	Tokuoka Y. Ohigashi K. Nakagoshi N.	Plant Ecology	212(6)	923-944	2010
B11	A 250-year index of first flowering dates and its response to temperature changes	Amano T. Smithers R.J. Sparks T.H. Sutherland W.J.	Proceedings of the Royal Society B-Biological Sciences	277(1693)	2451-2457	2010
B11	関東地域における特定外来生物カワヒバリガいの現状と侵入・拡大プロセス	伊藤健二	Sessile Organisms	27(1)	17-23	2010

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B11	Landform type and land improvement intensity affect floristic composition in rice paddy fields from central Japan	Yamada S. Kusumoto Y. Tokuoka Y. Yamamoto S.	Weed Research	51(1)	51-62	2011
B11	農村の生物多様性 Origins and development of research on biodiversity in rural landscape	楠本良延 大久保悟 額田拓也 大澤啓志	ランドスケープ研究	1(27)	27-32	2010
B11	マクロ生態学：生態的特性に注目して	山浦悠一 天野達也	日本生態学会誌	60(2)	261-276	2010
B12	Cyclolavandulyl butyrate: an attractant for a mealybug parasitoid, Anagyrus sawadai (Hymenoptera: Encyrtidae)	Tabata J. Teshiba M. Hiradate S. Tsutsumi T. Shimizu N. Sugie H.	Applied Entomology and Zoology	46(1)	117-123	2010
B12	Orientation of the parasitic wasp, <i>Cotesia vestalis</i> (Haliday) (Hymenoptera: Braconidae), to visual and olfactory cues of field mustard flowers, <i>Brassica rapa</i> L. (Brassicaceae), to exploit food sources	Kugimiya S. Uefune M. Shimoda T. Takabayashi J.	Applied Entomology and Zoology	45(3)	369-375	2010
B12	Evaluation of methods of determining humic acids in nucleic acid samples for molecular biological analysis	Wang Y. Fujii T.	Bioscience Biotechnology and Biochemistry	75(2)	355-357	2011
B12	Production and characterization of a large population of cDNA-overexpressing transgenic rice plants using Gateway-based full-length cDNA expression libraries	Hakata M. Nakamura H. Iida-Okada K. Miyao A. Kajikawa M. Imai-Toki N. Pang J. Amano K. Horikawa A. Tsuchida-Mayama T. Song J. Igarashi M. Kitamoto H. Ichikawa T. Matsui M. Kikuchi S. Nagamura Y. Hirochika H.	Breeding Science	60(5)	575-585	2010
B12	Host-searching responses to herbivory-associated chemical information and patch use depend on mating status of female solitary parasitoid wasps	Kugimiya S. Shimoda T. Wajnberg E. Uefune M. Takabayashi J.	Ecological Entomology	35(3)	279-286	2010
B12	Females of <i>Cotesia vestalis</i> , a parasitoid of diamondback moth larvae, learn to recognise cues from aphid-infested plants to exploit honeydew	Kugimiya S. Shimoda T. Jeremy N. M. Takabayashi J.	Ecological Entomology	35(4)	538-541	2010
B12	The sex pheromone of the lima bean pod borer <i>Etiella zinckenella</i> (Treitschke)	Tabata J. Yasuda K.	JARQ-Japan Agricultural Research Quarterly	45(1)	47-50	2011
B12	Biological control of <i>Rhizoctonia</i> damping-off of cucumber by a transformed <i>Pseudomonas putida</i> strain expressing a chitinase from a marine bacterium	Ohno M. Kataoka S. Numata S. Yamamoto-Tamura K. Fujii T. Nakajima M. Akutsu K.	JARQ-Japan Agricultural Research Quarterly	45(1)	91-98	2011
B12	Ethanol production from ensiled rice straw and whole-crop silage by the simultaneous enzymatic saccharification and fermentation process	Shinozaki Y. Kitamono H.	Journal of Bioscience and Bioengineering	111(3)	320-325	2011
B12	Present or past herbivory: a screening of volatiles released from <i>Brassica rapa</i> under caterpillar attacks as attractants for the solitary parasitoid, <i>Cotesia vestalis</i>	Kugimiya S. Shimoda T. Tabata J. Takabayashi J.	Journal of Chemical Ecology	36(6)	620-628	2010
B12	Development of an in vitro system for the evaluation of allelopathic activities of asparagus calluses	Watanabe Y. Iiwai S. Ono Y. Hiradate S. Fujii Y. Komai F.	Journal of the Japanese Society for Horticultural Science	80(1)	82-88	2011

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B12	Male killing and incomplete inheritance of a novel spiroplasma in the moth <i>Ostrinia zaguliaevi</i>	Tabata J. Hattori Y. Sakamoto H. Yukuhiro F. Fujii T. Kugimiya S. Mochizuki A. Ishikawa Y. Kageyama D.	Microbial Ecology	61(2)	254-263	2011
B12	Carbon sources of natural cyanamide in <i>Vicia villosa</i> subsp. <i>varia</i>	Kamo T. Kasahara R. Abe S. Hirota M. Sugano M. Yamaya H. Hiradate S. Fujii Y.	Natural Product Research	24(17)	1637-1642	2010
B12	Phytotoxic studies of medical plant species of Pakistan	Gilani S.A. Fujii Y. Shinwari Z.K. Adnan M. Kikuchi A. Watanabe K.N.	Pakistan Journal of Botany	42(2)	987-996	2010
B12	Microarray analysis of Arabidopsis plants in response to allelochemical L-DOPA	Golisz A. Sugano M. Hiradate S. Fujii Y.	Planta	233(2)	231-240	2010
B12	Variation in courtship ultrasounds of three <i>Ostrinia</i> moths with different sex pheromones	Takanashi T. Nakano R. Surlykke A. Tatsuta H. Tabata J. Ishikawa Y. Skals N.	PLoS ONE	5(10)	e13144	2010
B12	Herbivore-specific, density-dependent induction of plant volatiles: honest or "cry wolf" signals?	Shiojiri K. Ozawa R. Kugimiya S. Uefune M. Wijk M. Sabelis M.W. Takabayashi J.	PLoS ONE	5(8)	e12161	2010
B12	Contribution of militarine and dactylorhin A to the plant growth-inhibitory activity of a weed-suppressing orchid, <i>Bletilla striata</i>	Sakuno E. Kamo T. Takemura T. Sugie H. Hiradate S. Fujii Y.	Weed Biology and Management	10(3)	202-207	2010
B12	Quantitative evaluation of allelopathic potentials in soils: Total activity approach	Hiradate S. Ohse K. Furubayashi A. Fujii Y.	Weed Science	58(3)	258-264	2010
B21	Combined effects of elevated [CO ₂] and high night temperature on carbon assimilation, nitrogen absorption, and the allocations of C and N by rice (<i>Oryza sativa</i> L.)	Cheng W. Sakai H. Yagi K. Hasegawa T.	Agricultural and Forest Meteorology	150(9)	1174-1181	2010
B21	Coupling land surface and crop growth models to estimate the effects of changes in the growing season on energy balance and water use of rice paddies	Mariyama A Kuwagata T.	Agricultural and Forest Meteorology	150(7-8)	919-930	2010
B21	The lowland paddy weed <i>Monochoria vaginalis</i> emits N ₂ O but not CH ₄	Cheng W. Sakai H. Nishimura S. Yagi K. Hasegawa T.	Agriculture Ecosystems & Environment	137	219-221	2010
B21	Trasits reposable for variation in pollination and seed set among six rice cultivars grown in a miniature paddy field with free air at a hot, humid spot in China	Zhao L. Kobayashi K. Hasegawa T. Wang C. Yoshimoto M. Wan J. Matsui T.	Agriculture Ecosystems & Environment	139(1-2)	110-115	2010
B21	Potential predictability of local paddy rice yield variation using a crop model with local areal information	Iizumi T. Ishida K. Yokozawa M. Nishimori M.	Agricultural Information Research (農業情報研究)	19(2)	36-42	2010
B21	Probabilistic evaluation of climate change impacts on paddy rice productivity in Japan	Iizumi T. Yokozawa M. Nishimori M.	Climatic Change		doi:10.1007/s10584-010-9990-7	2010

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B21	Microbial biomass carbon and methane oxidation influenced by rice cultivars and elevated CO ₂ in a Japanese paddy soil	Inubushi K. Cheng W. Mizuno T. Lou Y. Hasegawa T. Sakai H. Kobayashi K.	European Journal of Soil Science	62(1)	69-73	2011
B21	Response of the floating aquatic fern <i>Azolla filiculoides</i> to elevated CO ₂ , temperature, and phosphorus levels	Cheng W. Sakai H. Matsushima M. Yagi K. Hasegawa T.	Hydrobiologia	656(1)	5-14	2010
B21	Variations in water resources in the Vietnamese Mekong Delta in response to climate change and their impacts on rice production	Khang N.D. Kotera A. Iizumi T. Sakamoto T. Yokozawa M.	Journal of Agricultural Meteorology (農業気象)	66(1)	11-21	2010
B21	Estimation of water saturated areas in Northeast Thailand using a Large-scale water balance model	Ishigooka Y. Kuwagata T. Goto S. Toritani H. Hasegawa T. Sawano S. Ohno H.	Journal of Agricultural Meteorology (農業気象)	66(2)	91-101	2010
B21	Diagnostics of Climate Model Biases in Summer Temperature and Warm-Season Insolation for the Simulation of Regional Paddy Rice Yield in Japan	Iizumi T. Nishimori M. Yokozawa M.	Journal of Applied Meteorology and Climatology	49(4)	574-591	2010
B21	Estimation and verification of daily surface shortwave flux over China	Xu J. Masuda K. Ishigooka Y. Kuwagata T. Haginoya S. Hayasaka T. Yasunari T.	Journal of the Meteorological Society of Japan (気象集誌)	89(1A)	225-238	2011
B21	Effects of low root temperature on dry matter production and root water uptake in rice plants	Nagasuga K. Murai-Hatano M. Kuwagata T.	Plant Production Science	14(1)	22-29	2011
B21	Dangerous levels of climate change for agricultural production in China	Tao F. Zhang Z. Yokozawa M.	Regional Environmental Change	11(Sup.1)	41-48	2010
B21	日本で使用された有機塩素系農薬類の北極域への移動に関するマルチメディアモデル解析	西森基貴 小原裕三 魏永芬	環境工学研究論文集	47	135-140	2010
B21	Projection of effects of climate change on rice yield and keys to reduce its uncertainties	Yoshimoto M. Yokozawa M. Iizumi T. Okada M. Nishimori M. Masaki Y. Ishigooka Y. Kuwagata T. Kondo M. Ishimaru T. Fukuoka M.	作物、環境と生物情報学 (Crop, Environment & Bioinformatics)	7(4)	260-268	2010
B22	Limited ammonia volatilization loss from upland fields of Andosols following fertilizer applications	Hayashi K. Koga N. Fueki N.	Agriculture Ecosystems & Environment	140	534-538	2011
B22	Deposition velocity of PM _{2.5} sulfate in the summer above a deciduous forest in central Japan	Matsuda K Fujimura Y. Hayashi K. Takahashi A. Nakaya K.	Atmospheric Environment	44(36)	4582-4587	2010
B22	Effects of free-air CO ₂ enrichment (FACE) and soil warming on CH ₄ emission from a rice paddy field: impact assessment and stoichiometric evaluation	Tokida T. Fumoto T. Cheng W. Matsunami T. Adachi M. Katayanagi N. Matsushima M. Okawara Y. Nakamura H. Okada M. Sameshima R.	Biogeosciences	7(2)	2639-2653	2010

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B22	Effect of timing of joint application of hydroquinone and dicyandiamide on nitrous oxide emission from irrigated lowland rice paddy field	Li X. Zhang G. Xu H. Cai Z. Yagi K.	Chemosphere	75(10)	1417-1422	2009
B22	Evaluation of effectiveness of enhanced-efficiency fertilizers as mitigation options for N ₂ O and NO emissions from agricultural soils: meta-analysis	Akiyama H. Yan X. Yagi K.	Global Change Biology	16(6)	1837-1846	2009
B22	Soil clone library analyses to evaluate specificity and selectivity of PCR primers targeting fungal 18S rDNA for denaturing-gradient gel electrophoresis (DGGE)	Takada Hoshino Y. Morimoto S.	Microbes and Environments	25(4)	281-287	2010
B22	Carbon resources of residue and manure in Japanese farmland soils	Kimura S.D. Mishima S. Yagi K.	Nutrient Cycling in Agroecosystems	89(2)	291-302	2010
B22	Effects of rice straw returning methods on N ₂ O emission during wheat-growing season	Ma E. Zhang G. Ma J. Xu H. Cai Z. Yagi K.	Nutrient Cycling in Agroecosystems	88(3)	463-469	2010
B22	Methane and nitrous oxide emissions from rice paddy soil as influenced by timing of application of hydroquinone and dicyandiamide	Li X. Zhang X. Xu H. Cai Z. Yagi K.	Nutrient Cycling in Agroecosystems	85(1)	31-40	2009
B22	Effect of water management on greenhouse gas emissions and microbial properties of paddy soils in Japan and Indonesia	Hadi A. Inubushi K. Yagi K.	Paddy and Water Environment	8(4)	319-324	2010
B22	Validation and modification of soil organic matter model in Asia	Shirato Y.	Pedologist(ペドロジスト)	53(3)	76-79	2010
B22	Humification processes of needle litters on forest floors in Japanese cedar (<i>Cryptomeria japonica</i>) and Hinoki cypress (<i>Chamaecyparis obtusa</i>) plantations in Japan	Ono K. Hiradate S. Morita S. Ohse K. Hirai K.	Plant and Soil	338(1-2)	171-181	2011
B22	Atmospheric NH ₃ and NO ₂ concentration and nitrogen deposition in an agricultural catchment of Eastern China	Yang R. Hayashi K. Zhu B. Li F. Yan X.	Science of the Total Environment	408(20)	4624-4632	2010
B22	Wheat straw management affects CH ₄ and N ₂ O emissions from rice fields	Ma J. Ma E. Xu H. Yagi K. Cai Z.	Soil Biology and Biochemistry	41(5)	1022-1028	2009
B22	Ammonia exchange on grasslands in an intensive dairying region in central Japan	Hojito M. Hayashi K. Matsuura S.	Soil Science and Plant Nutrition	56(3)	503-511	2010
B22	Impact of long-term application of fertilizers on N ₂ O and NO production potential in an intensively cultivated sandy loam soil	Ding W. Yagi K. Cai Z. Han F.	Water Air and Soil Pollution	212(1-4)	141-153	2010
B22	経済発展に伴う食料生産量変化と環境負荷：中国とインドの比較	新藤純子 岡本勝男 川島博之	現代インド研究	1	127-143	2011
B22	北日本における亜硝酸ガス濃度と窒素酸化物由来成分の挙動	野口泉 林健太郎 加藤拓紀 山口高志 秋山雅行 大塚英幸 酒井茂克 高木健太郎 深澤達矢 柴田英昭 藤沼康実 三枝信子 下鳥稔 遠藤朋美 家合浩明 松田和秀 角皆潤 原宏	大気環境学会誌	45(4)	153-165	2010
B22	REVIEW Vegetation-based wastewater treatment technologies for rural areas in Japan	Abe K. Kato K. Ozaki Y.	JARQ-Japan Agricultural Research Quarterly	44(3)	231-242	2010

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B22	Behavior of zinc in a constructed wetland system receiving domestic wastewater	Abe K. Ookuma A. Komada M. Itahashi S. Banzai K.	Journal of Water and Environment Technology	8(3)	231-237	2010
B22	畜産業を伴う赤黄色土野菜畑地帯の河川における窒素、リンの流出	槽谷真宏 坂西研二 板橋直 荻野和明 廣戸誠一郎	日本土壤肥科学雑誌	81(5)	481-488	2010
B22	東北タイで用いられているマルチ資材としての牛糞の性能評価	小田正人 中村乾 Chongpradotnum P.	熱帯農業研究	3(1)	22-30	2010
C11	Initial response of plant functional groups abundance to simulated climatic change in alpine meadow ecosystems	Zhang F. Li Y.Q. Li Y.N. Li Y.N. Lin L. Cao G. Du M. Wang Q.	Acta Agrestia Sinica (草地学报)	18(6)	768-779	2010
C11	Climatology characteristics and comparisons of long-wave radiation on two Alpine vegetation types	Song C. Zhang F. Wang Q. Du M. Zhao L. Li Y.	Chinese Journal of Agrometeorology (中国農業気象)	32(1)	46-51	2011
C11	Comparative analysis of soil heat flux between two alpine meadow vegetation types at Haibei station, Qilian mountains	Wang J. Li Y. Wang Q. Du M. Xue X. Zhang F.	Chinese Journal of Agrometeorology (中国農業気象)	31(1)	19-24	2010
C11	A study on the relationship between Atlantic sea surface temperature and Amazonian greenness	Cho J. Yeh P. Lee Y. Kim H. Oki T. Kanae S. Kim W. Otsuki K.	Ecological Informatics	5(5)	367-378	2010
C11	More asymmetric tree competition brings about more evapotranspiration and less runoff from the forest ecosystems: A simulation study	Toda M. Yokozawa M. Emori S. Hara T.	Ecological Modelling	221(24)	2887-2898	2010
C11	The effect of estimated PAR uncertainties on the physiological processes of biosphere models	Cho J. Oki T. Yeh P. Kanae S. Kim W.	Ecological Modelling	221(12)	1575-1579	2010
C11	Changes in atmospheric environmental conditions following the greening (tree planting) in the central part of the Taklimakan Desert	Du M. Chen H. Lei J. Xu X. Li S. He Q.	Journal of Ecotechnology Research (エコテクノロジー研究)	16(1)	19-22	2010
C11	Radiation partitioning and its relation to environmental factors above a meadow ecosystem on the Qinghai-Tibetan Plateau	Zhang X. Gu S. Zhao X. Cui X. Zhao L. Xu S. Du M. Jiang S. Gao Y. Ma C. Tang Y.	Journal of Geophysical Research	115(D10106)	doi:10.1029/2009JD012373	2010
C11	Rapid changes in $\delta^{13}C$ of ecosystem-respired CO ₂ after sunset are consistent with transient $\delta^{13}C$ enrichment of leaf respired CO ₂	Barbour M.M. Hunt J.E. Kodama N. Laubach J. McSeveny T.M. Rogers G.N.D. Tcherkez G. Wingate L.	New Phytologist	190(4)	990-1002	2011

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C11	Short term response of functional plant groups abundance to simulated climate change in alpine meadow ecosystem	Zhang F. Li Y.Q. Li Y.N. Li Y.K. Lin L. Cao G. Du M. Wang Q.	草業学報 (Acta Prataculturae Sinica)	19(6)	72-78	2010
C11	Hydrothermal characteristics of the land-atmospheric system in an alpine area of West Nyainqentanglha mountains	Xie J. Liu J. Du M. Kang S. Jia S. Wang Z.	地理科学进展(Progress In Geography)	29(2)	151-158	2010
C11	Altitudinal distribution of air temperature over a southern slope of Nyainqentanglha mountains, Tibetan Plateau	Xie J. Liu J. Du M. Wang Z.	地理科学(Scientia Geographica Sinica)	30(1)	113-118	2010
C11	Change of the Asian dust source region deduced from the relationship between anthropogenic radionuclides in surface soil and precipitation in Mongolia	Igarashi Y. Fujiwara E. Jugder D.	Atmospheric Chemistry and Physics	11	2843-2871	2011
C11	釧路湿原久著呂川後背湿地における土砂堆積履歴と堆積厚の推定	藤村善安 加藤邦彦 藤原英司 富士田裕子 竹中眞 柳谷修自 永田修	日本生態学会誌	60	157-168	2010
C21	Testing genetic algorithm as a tool to select relevant wavebands from field hyperspectral data for estimating pasture mass and quality in a mixed sown pasture using partial least squares regression	Kawamura K. Watanabe N. Sakanoue S. Lee H. Inoue Y. Odagawa S.	Grassland Science	56(4)	205-216	2010
C21	Assessing land-use and carbon stock in slash-and-burn ecosystems in tropical mountain of Laos based on time-series satellite images	Inoue Y. Kiyono Y. Asai H. Ochiai Y. Qi J. Olioso A. Shiraiwa T. Horie T. Saito K. Dounagsavanh L.	International Journal of Applied Earth Observation and Geoinformation	12(4)	287-297	2010
C21	Potential for spectral indices to remotely sense phosphorus and potassium content of legume-based pasture as a means of assessing soil phosphorus and potassium fertility status	Kawamura K. Mackay A.D. Tuohy M.P. Betteridge K. Sanchez I.D. Inoue Y.	International Journal of Remote Sensing	32	103-124	2011
C21	Detecting seasonal changes in crop community structure using day and night digital images	Sakamoto T. Shibayama M. Takada E. Inoue A. Morita K. Takahashi W. Miura S. Kimura A.	Photogrammetric Engineering and Remote Sensing	76(6)	713-726	2010
C21	Estimating paddy rice leaf area index with fixed point continuous observation of near infrared reflectance using a calibrated digital camera	Shibayama M. Sakamoto T. Takada E. Inoue A. Morita K. Takahashi W. Kimura A.	Plant Production Science	14(1)	30-46	2011
C21	A multiband polarimetric imager for field crop survey of instrumentation and preliminary observations of heading-stage wheat canopies	Shibayama M. Sakamoto T. Kimura A.	Plant Production Science	14(1)	64-74	2011
C21	The function of remote sensing in support of environmental policy	Leeuw J. Georgiadou Y. Kerle N. Gier A. Inoue Y. Ferwerda J. Smies M. Narantuya D.	Remote Sensing	2(7)	1731-1750	2010

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C21	A two-step filtering approach for detecting maize and soybean phenology with time-series MODIS data	Sakamoto T. Wardlow B.D. Gitelson A.A. Verma S.B. Suyker A.E. Arkebauer T.J.	Remote Sensing of Environment	114(10)	2146-2159	2010
C21	The photochemical reflectance index (PRI) and the remote sensing of leaf, canopy and ecosystem radiation use efficiencies: A review and meta-analysis	Garbulsky M.F. Peñuelas J. Gamon J. Inoue Y. Filella I.	Remote Sensing of Environment	115(2)	281-297	2011
C21	Mapping LAI of cropland and abandoned cropland using ground observation data and classified QuickBird image	Abdullah H.M. Akiyama T. Shibayama M. Awaya Y.	システム農学	27(1)	1-8	2011
C21	GIS解析によるHABSと図絵を用いた里山-社寺林ラインドスケープの復元及びその評価	藤田直子 岩崎亘典 デイビット・スプレイト	ランドスケープ研究	73(5)	589-594	2010
C21	時系列衛星データによる土地利用履歴と生態系炭素ストックの広域評価-ラオス山岳熱帯農林生態系における事例から-	井上吉雄	日本リモートセンシング学会誌	31(1)	45-54	2011
C21	食糧-環境インテリジェンスのための生態系リモートセンシング-問題解決に向けた信号データ利用法-	井上吉雄	日本リモートセンシング学会誌	31(1)	2-26	2011
C21	Differences in distribution patterns around river confluences among hydrophilic vegetation groups	Osawa T. Mitsuhashi H. Niwa H. Ushimaru A.	Ecological Research	25(6)	1161-1169	2010
C21	Testing the spectral decomposition algorithm (SDA) for different phytoplankton species by a simulation based on tank experiments	Oyama Y. Matsushita B. Fukushima T. Chen J. Nagai T. Imai A.	International Journal of Remote Sensing	31(6)	1605-1623	2010
C21	Enhanced diversity at network nodes: River confluences increase vegetation-patch diversity	Osawa T. Mitsuhashi H. Niwa H. Ushimaru A.	The Open Ecology Journal	3	45-58	2010
C21	線形モデルから一般化線形モデル(GLM)へ	大東健太郎	雑草研究	55(4)	268-274	2010
C21	1973年から2001年までの地目改変に伴う土壌群分布面積の変動特性の解析	高田裕介 小原洋 中井信 神山和則	日本土壌肥科学雑誌	82(1)	15-24	2011
C21	Nocardioides sp. strain WSN05-2, isolated from a wheat field, degrades deoxynivalenol, producing the novel intermediate 3-epi-deoxynivalenol.	Ikunaga Y. Sato I. Grond S. Numaziri N. Yoshida S. Yamada H. Hiradate S. Hasegawa M. Toshima H. Koitabashi M. Ito M. Karlovsy P. Tsushima S.	Applied Microbiology and Biotechnology	89(2)	419-427	2011
C21	Biological control for rice blast disease by employing detachment action with gelatinolytic bacteria	Shimoi S. Inoue K. Kitagawa H. Yamasaki M. Tsushima S. Park P. Ikeda K.	Biological Control	55(2)	85-91	2010
C21	Method for simple and rapid enumeration of total epiphytic bacteria in the washing solution of rice plants.	Niwa R. Yoshida S. Furuya N. Tsuchiya K. Tsushima S.	Canadian Journal of Microbiology	57(1)	62-67	2011
C21	A new Euryarthrum (Coleoptera, Cerambycidae) from Sabah, East Malaysia	Yoshitake H. Niisato T.	Elytra	38(1)	3-8	2010
C21	A practical estimating method of the dose-response curve between inoculum density of Plasmodiophora brassicae and the disease severity for long-term IPM strategies	Tsushima S. Murakami H. Akimoto T. Katahira M. Kuroyanagi Y. Shishido Y.	JARQ-Japan Agricultural Research Quarterly	44(4)	383-390	2010

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C21	Analysis of genetic and biological characters of Japanese potato strains of <i>Ralstonia solanacearum</i>	Horita M. Suga Y. Ooshiro A. Tsuchiya K.	Journal of General Plant Pathology	76(3)	196-207	2010
C21	Evolution of host utilization patterns in the seed beetle genus <i>Mimosestes</i> Bridwell (Coleoptera: Chrysomelidae: Bruchinae)	Kato T. Bonet A. Yoshitake H. Romero-Napoles J. Jinbo U. Ito M. Shimada M.	Molecular Phylogenetics and Evolution	55(3)	816-832	2010
C21	わが国の赤黄色土における粘土集積層と風化変質層の分類学的位置づけ	高田裕介 前島勇治 大倉利明 神山和則 浜崎忠雄 小原洋	ペドロジスト	54(1)	11-20	2010
C21	詳細土壌区分図による農耕地土壌分類下位カテゴリーの細分-群馬県利根郡片品村を事例として-	鹿沼信行 庄司正 小林逸郎 戸上和樹 神山和則 谷山一郎 大倉利明	ペドロジスト	54(2)	73-82	2010
C21	コンクリート河川におけるゲンジボタルとカワナナの生息場所再生の試み-簡易水制の設置方法と効果検証-	久加朋子 清水洋平 大澤剛士 石田裕子 佐々木宏展 稲本雄太 三橋弘宗	人と自然	21	159-165	2010
C21	ゲルと作成時の温度がDGGEのバンドラインの歪みに及ぼす影響	松下裕子 森本晶 包智華 對馬誠也	土と微生物	64(2)	107-112	2010
C21	ニッポンシロシンクイ(新称)の再発見とモモシンクイガの合成性フェロモントラップに誘殺されるシンクイガ類(鱗翅目: シンクイガ科)	那須義次 玉嶋勝範 柴尾学 吉松慎一 内藤尚之	日本応用動物昆虫学会誌	54(3)	115-126	2010
-	Interactive influences of climate and parent material on soil microbial community structure in Bornean tropical forest ecosystems	Wagai R. Kitayama K. Satomura T. Fujimura R. Balser T.	Ecological Research	26(3)	627-636	2011
-	Effects of horse grazing on plant species richness and abundance of <i>Iris setosa</i> in a boreal semi-natural grassland, Japan	Shoji A. Hayashi H. Kohyama K. Sasaki H.	Grassland Science	57(1)	1-8	2011
-	Occurrence of boscalid resistance in cucumber powdery mildew in Japan and molecular characterization of the iron-sulfur protein of succinate dehydrogenase of the	Miyamoto T. Ishii H. Tomita Y.	Journal of Plant Pathology	76(4)	261-267	2010
-	Distribution and molecular characterization of <i>Corynespora cassiicola</i> isolates resistant to boscalid	Miyamoto T. Ishii H. Stammler G. Koch A. Ogawa T. Tomita Y. Fontaine J.M. Ushio S. Seko T. Kobori S.	Plant Pathology	59(5)	873-881	2010

注1) 中課題番号順に配列した。それぞれの課題名は以下のとおり。

中課題番号	課題名 (詳しくは第I章を参照されたい)
A11	農業環境における有害化学物質のリスク評価手法及びリスク管理技術の開発
A21	外来生物及び遺伝子組換え生物の生態系影響評価とリスク管理技術の開発
B11	農業生態系を構成する生物群集の動態と生物多様性の解明
B12	農業生態系機能の発現に関与する情報化学物質の解明
B21	地球環境変動が農業生態系に及ぼす影響予測と生産に対するリスク評価
B22	農業活動等が物質循環に及ぼす影響の解明
C11	農業環境の長期モニタリングと簡易・高精度測定手法の開発
C21	農業環境資源インベントリーの構築と活用手法の開発
無印	該当する中課題なし

注2) 著者のうち当所に所属する者を太字で記載した。