

Kijong Cho

List of Publications by Year in descending order

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papers

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430874

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1088
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#	ARTICLE	IF	CITATIONS
1	Soil compression influences the avoidance behavior of <i>Allonychiurus kimi</i> (Collembola) to cadmium and copper. <i>Pedosphere</i> , 2022, 32, 487-494.	4.0	3
2	Soil environment reshapes microbiota of laboratory-maintained Collembola during host development. <i>Environmental Microbiomes</i> , 2022, 17, 16.	5.0	1
3	The complete mitochondrial genome of <i>Allonychiurus kimi</i> (Lee, 1973) (Collembola: Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	6.4	3
4	The complete mitochondrial genome of <i>Yuukianura szeptyckii</i> Deharveng & Weiner 1984 (Collembola: Tj ETQq0 0 0 rgBT /Overlock 10 T	0.4	1
5	Effect of bioavailable arsenic fractions on the collembolan community in an old abandoned mine waste. <i>Environmental Geochemistry and Health</i> , 2021, 43, 3953-3966.	3.4	5
6	Process-based modeling to assess the nutrient removal efficiency of two endangered hydrophytes: Linking nutrient-cycle with a multiple-quotas approach. <i>Science of the Total Environment</i> , 2021, 763, 144223.	8.0	4
7	Characteristics of greenhouse gas emissions from rice paddy fields in South Korea under climate change scenario RCP-8.5 using the DNDC model. <i>Pedosphere</i> , 2021, 31, 332-341.	4.0	9
8	Temperature and Aging Affect Glyphosate Toxicity and Fatty Acid Composition in <i>Allonychiurus kimi</i> (Lee) (Collembola). <i>Toxics</i> , 2021, 9, 126.	3.7	4
9	Prediction of changing predator-prey interactions under warming: A simulation study using two aphid-ladybird systems. <i>Ecological Research</i> , 2021, 36, 788-802.	1.5	1
10	Evaluation of the combined effect of elevated temperature and cadmium toxicity on <i>Daphnia magna</i> using a simplified DEBtox model. <i>Environmental Pollution</i> , 2021, 291, 118250.	7.5	7
11	Multigeneration toxicity of Geunsami® (a glyphosate-based herbicide) to <i>Allonychiurus kimi</i> (Lee) (Collembola) from sub-individual to population levels. <i>Environmental Pollution</i> , 2021, 291, 118172.	7.5	2
12	A reconsideration of the safety of fenoxycarb (IGR) in soil environment: The toxicity of fenoxycarb to <i>Yuukianura szeptyckii</i> (Collembola). <i>Journal of Asia-Pacific Entomology</i> , 2020, 23, 214-218.	0.9	10
13	Effect of HNO3 and H2SO4 on the Paddy Ecosystem: A Mesocosm Study with Exposure at PNEC and HC50 Levels. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5244.	2.6	5
14	Temperature-dependent competitive advantages of an allelopathic alga over non-allelopathic alga are altered by pollutants and initial algal abundance levels. <i>Scientific Reports</i> , 2020, 10, 4419.	3.3	2
15	Contributions of egg production and egg hatching to the total toxicity of teflubenzuron in <i>Yuukianura szeptyckii</i> (Collembola) in soil toxicity test. <i>Environmental Science and Pollution Research</i> , 2019, 26, 26184-26192.	5.3	7
16	Risk map for the range expansion of <i>Thrips palmi</i> in Korea under climate change: Combining species distribution models with land-use change. <i>Journal of Asia-Pacific Entomology</i> , 2019, 22, 666-674.	0.9	9
17	Transfer and biological effects of arsenate from soil through a plant-aphid system to the parasitoid wasp, <i>Aphidius colemani</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 173, 305-313.	6.0	8
18	Screening level ecological risk assessment of abandoned metal mines using chemical and ecotoxicological lines of evidence. <i>Environmental Pollution</i> , 2019, 249, 1081-1090.	7.5	14

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19	Mitigation of CO ₂ and N ₂ O Emission from Cabbage Fields in Korea by Optimizing Tillage Depth and N-Fertilizer Level: DNDC Model Simulation under RCP 8.5 Scenario. <i>Sustainability</i> , 2019, 11, 6158.	3.2	5
20	Integration of an individual-oriented model into a system dynamics model: An application to a multi-species system. <i>Environmental Modelling and Software</i> , 2019, 112, 23-35.	4.5	6
21	Burrowing behavior of <i>Chironomus yoshimatsui</i> larvae as an indicator of freshwater quality. <i>Ecological Indicators</i> , 2018, 85, 377-382.	6.3	2
22	Analysis of the Resilience of Common-Pool Resources during Globalization: The Case of Jeju Common Ranches in Korea. <i>Sustainability</i> , 2018, 10, 4346.	3.2	2
23	Modeling the influence of initial density and copper exposure on the interspecific competition of two algal species. <i>Ecological Modelling</i> , 2018, 383, 160-170.	2.5	6
24	Toxicity effects and biomarkers of tebufenozide exposure in <i>Yuukianura szeptyckii</i> (Collembola: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	3.4	11
25	Prevalence of rice stripe virus can be altered by temperature and the virus-mediated development of insect vector, <i>Laodelphax striatellus</i> , in Korea. <i>Journal of Asia-Pacific Entomology</i> , 2017, 20, 1145-1149.	0.9	1
26	Bioavailability and Toxicity of Copper, Manganese, and Nickel in <i>Paronychiurus kimi</i> (Collembola), and Biomarker Discovery for Their Exposure. <i>Archives of Environmental Contamination and Toxicology</i> , 2017, 72, 142-152.	4.1	6
27	Effects of Methyl Ethyl Ketone and Methanol on the Survival and Reproduction of <i>Paronychiurus kimi</i> (Collembola: Onychiuridae). <i>Hangug Hwangyeong Saengmul Haghoeji</i> , 2017, 35, 169-174.	0.4	1
28	Effects of temperature on development, molting, and population growth of <i>Yuukianura szeptyckii</i> Deharveng & Weiner, 1984 (Collembola: Neanuridae). <i>Applied Soil Ecology</i> , 2016, 108, 325-333.	4.3	7
29	Burrowing mayfly <i>Ephemera orientalis</i> (Ephemeroptera: Ephemeridae) as a new test species for pesticide toxicity. <i>Environmental Science and Pollution Research</i> , 2016, 23, 18766-18776.	5.3	2
30	Joint toxic action of binary metal mixtures of copper, manganese and nickel to <i>Paronychiurus kimi</i> (Collembola). <i>Ecotoxicology and Environmental Safety</i> , 2016, 132, 164-169.	6.0	24
31	Ecotoxicity of heat-treated Kapur and Japanese larch. <i>European Journal of Wood and Wood Products</i> , 2016, 74, 243-248.	2.9	0
32	Predicting temporal shifts in the spring occurrence of overwintered <i>Scotinophara lurida</i> (Hemiptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 Biometeorology, 2016, 60, 53-61.	3.0	9
33	Chlorpyrifos-induced biomarkers in Japanese medaka (<i>Oryzias latipes</i>). <i>Environmental Science and Pollution Research</i> , 2016, 23, 1071-1080.	5.3	20
34	Inter-population variation for <i>Wolbachia</i> induced reproductive incompatibility in the haplodiploid mite <i>Tetranychus urticae</i> . <i>Experimental and Applied Acarology</i> , 2015, 65, 55-71.	1.6	19
35	Interactive effects of water pH and hardness levels on the growth and reproduction of <i>Heterocypris incongruens</i> (Crustacea: Ostracoda). <i>Hydrobiologia</i> , 2015, 753, 97-109.	2.0	18
36	Determination of biomarkers for polycyclic aromatic hydrocarbons (PAHs) toxicity to earthworm (<i>Eisenia fetida</i>). <i>Environmental Geochemistry and Health</i> , 2015, 37, 943-951.	3.4	33

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37	Predicting the potential geographic distribution of <i>Trips palmi</i> in Korea, using the CLIMEX model. Entomological Research, 2014, 44, 47-57.	1.1	28
38	Spatial association between entomopathogenic and other free-living nematodes and the influence of habitat. Applied Soil Ecology, 2014, 76, 1-6.	4.3	7
39	Effects of Road Deicer Runoff on Benthic Macroinvertebrate Communities in Korean Freshwaters with Toxicity Tests of Calcium Chloride (CaCl ₂). Water, Air, and Soil Pollution, 2014, 225, 1.	2.4	12
40	A study on Biosorptive Removal of Cd from Wastewater using Chironomid Larvae (Diptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 T	0.1	1
41	Exposure of mayfly <i>Ephemera orientalis</i> (Ephemeroptera) eggs to heavy metals and discovery of biomarkers. Environmental Toxicology and Pharmacology, 2013, 36, 1167-1175.	4.0	8
42	Interactive effect of diet and temperature on instar numbers in <i>Spodoptera litura</i> , with reference to head capsule width and weight. Journal of Asia-Pacific Entomology, 2013, 16, 521-525.	0.9	7
43	Elucidation of the genetic differences in <i>Trialeurodes vaporariorum</i> populations under vegetable greenhouse conditions by using the allozyme approach. Entomological Research, 2013, 43, 271-281.	1.1	3
44	Effects of water temperature on development and heavy metal toxicity change in two midge species of <i>Chironomus riparius</i> and <i>Chironomus yoshimatsui</i> in an era of rapid climate change. Entomological Research, 2013, 43, 123-129.	1.1	6
45	Endosulfan-Induced Biomarkers in Japanese Rice Fish (<i>Oryzias latipes</i>) Analyzed by SELDI-TOF-MS. International Journal of Biological Sciences, 2013, 9, 343-349.	6.4	19
46	Detecting and cleaning outliers for robust estimation of variogram models in insect count data. Ecological Research, 2012, 27, 1-13.	1.5	7
47	A Binomial Sampling Plans for <i>Aphis gossypii</i> (Hemiptera: Aphididae) in Greenhouse Cultivation of Cucumbers. Horticultural Science and Technology, 2012, 30, 596-602.	0.6	1
48	Soil compaction as a stressor, and its effect on cadmium toxicity to <i>Paronychiurus kimi</i> (Collembola). Applied Soil Ecology, 2011, 47, 204-209.	4.3	3
49	Geostatistical analysis of the attractive distance of two different sizes of yellow sticky traps for greenhouse whitefly, <i>Trialeurodes vaporariorum</i> (Westwood) (Homoptera: Aleyrodidae), in cherry tomato greenhouses. Australian Journal of Entomology, 2011, 50, 144-151.	1.1	15
50	Four-year successive rearing of <i>Glyptotendipes tokunagai</i> Sasa (Diptera: Chironomidae) under laboratory condition. Entomological Research, 2011, 41, 276-276.	1.1	1
51	Sublethal effects of fenpyroximate and pyridaben on two predatory mite species, <i>Neoseiulus womersleyi</i> and <i>Phytoseiulus persimilis</i> (Acari, Phytoseiidae). Experimental and Applied Acarology, 2011, 54, 243-259.	1.6	29
52	Biomarker discovery and proteomic evaluation of cadmium toxicity on a collembolan species, <i>Paronychiurus kimi</i> (Lee). Proteomics, 2011, 11, 2294-2307.	2.2	21
53	Combined effects of water quality parameters on mixture toxicity of copper and chromium toward <i>Daphnia magna</i> . Chemosphere, 2010, 81, 1301-1307.	8.2	19
54	Sampling plans for estimating pepper fruit damage levels by Oriental tobacco budworm, <i>Helicoverpa assulta</i> (Guenee), in hot pepper fields. Journal of Asia-Pacific Entomology, 2009, 12, 175-178.	0.9	8

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55	Effect of nitrogen levels of two cherry tomato cultivars on development, preference and honeydew production of <i>Trialeurodes vaporariorum</i> (Hemiptera: Aleyrodidae). <i>Journal of Asia-Pacific Entomology</i> , 2009, 12, 227-232.	0.9	14
56	Response surface model for predicting chronic toxicity of cadmium to <i>Paronychiurus kimi</i> (Collembola), with a special emphasis on the importance of soil characteristics in the reproduction test. <i>Chemosphere</i> , 2009, 77, 889-894.	8.2	16
57	Determination of <i>Paronychiurus kimi</i> (Collembola: Onychiuridae) age structures by head width measurements with reference to cadmium toxicity. <i>Applied Soil Ecology</i> , 2009, 43, 47-52.	4.3	7
58	Combined effects of organic matter and pH on acute toxicity of cadmium to <i>Paronychiurus kimi</i> (Collembola): Development of response surface model. <i>Soil Research</i> , 2009, 47, 549.	1.1	5
59	Analysis of spatial and temporal associations of adult and immature <i>Frankliniella occidentalis</i> Pergande (Thysanoptera: Thripidae) in cucumber greenhouses. <i>Applied Entomology and Zoology</i> , 2009, 44, 569-577.	1.2	2
60	Degree-day based models for forecasting the flight activity of adult <i>Helicoverpa assulta</i> (Lepidoptera: Noctuidae) in hot pepper fields. <i>International Journal of Pest Management</i> , 2008, 54, 295-300.	1.8	9
61	Evaluation of binomial sequential classification sampling plan for leafmine of <i>Liriomyza trifolii</i> (Diptera: Agromyzidae) in greenhouse tomatoes. <i>International Journal of Pest Management</i> , 2007, 53, 59-67.	1.8	3
62	Effects of cadmium, mercury and lead on the survival and instantaneous rate of increase of <i>Paronychiurus kimi</i> (Lee) (Collembola). <i>Applied Soil Ecology</i> , 2007, 35, 404-411.	4.3	46
63	Effect of Soil Organic Matter Content and pH on Toxicity of Cadmium to <i>Paronychiurus kimi</i> (Lee) (Collembola). <i>Journal of Asia-Pacific Entomology</i> , 2007, 10, 55-61.	0.9	11
64	Proteomic evaluation of cadmium toxicity on the midge <i>Chironomus riparius</i> Meigen larvae. <i>Proteomics</i> , 2006, 6, 945-957.	2.2	37
65	Evaluation of Resistance Pattern to Fenpyroximate and Pyridaben in <i>Tetranychus Urticae</i> collected from Greenhouses and Apple Orchards using Lethal Concentration-slope Relationship. <i>Experimental and Applied Acarology</i> , 2006, 38, 151-165.	1.6	19
66	Residual and sublethal effects of fenpyroximate and pyridaben on the instantaneous rate of increase of <i>Tetranychus urticae</i> . <i>Crop Protection</i> , 2006, 25, 542-548.	2.1	62
67	Development and validation of binomial sampling plans for estimating leafmine density of <i>Liriomyza trifolii</i> (Diptera: Agromyzidae) in greenhouse tomatoes. <i>Applied Entomology and Zoology</i> , 2005, 40, 579-587.	1.2	6
68	Estimation of Leafmine Density of <i>Liriomyza trifolii</i> (Diptera: Agromyzidae) in Cherry Tomato Greenhouses using Fixed Precision Sequential Sampling Plans. <i>Journal of Asia-Pacific Entomology</i> , 2005, 8, 81-86.	0.9	7
69	Characterization of Leaf Mining Damage of <i>Liriomyza trifolii</i> (Diptera: Agromyzidae) in Cherry-Tomato Greenhouse. <i>Journal of Asia-Pacific Entomology</i> , 2004, 7, 201-205.	0.9	5
70	Evaluation of Data Transformations and Validation of a Spatial Model for Spatial Dependency of <i>Trialeurodes vaporariorum</i> Populations in a Cherry Tomato Greenhouse. <i>Journal of Asia-Pacific Entomology</i> , 2004, 7, 289-295.	0.9	9
71	Use of covariates in Taylor's power law for sequential sampling in pest management. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2004, 9, 462-478.	1.4	9
72	An assessment of the chronic toxicity of fenpyroximate and pyridaben to <i>Tetranychus urticae</i> using a demographic bioassay. <i>Applied Entomology and Zoology</i> , 2004, 39, 401-409.	1.2	24

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73	Life Table and Sensitivity Analysis as Fitness Evaluation Method of Fenpyroximate and Pyridaben Resistant Twospotted Spider Mite (<i>Tetranychus urticae</i> Koch). <i>Journal of Asia-Pacific Entomology</i> , 2003, 6, 193-199.	0.9	6
74	Population Dynamics of <i>Frankliniella occidentalis</i> on Different Rose Cultivars and Flowering Stages. <i>Journal of Asia-Pacific Entomology</i> , 2002, 5, 97-102.	0.9	5
75	Analysis of spatial pattern of <i>Frankliniella occidentalis</i> (Thysanoptera: Thripidae) on greenhouse cucumbers using dispersion index and spatial autocorrelation.. <i>Applied Entomology and Zoology</i> , 2001, 36, 25-32.	1.2	18
76	Unbiased estimation of greenhouse whitefly, <i>Trialeurodes vaporariorum</i> , mean density using yellow sticky trap in cherry tomato greenhouses. <i>Entomologia Experimentalis Et Applicata</i> , 2001, 100, 235-243.	1.4	26
77	Development of Time-Efficient Method for Estimating Aphids Density Using Yellow Sticky Traps in Cucumber Greenhouses. <i>Journal of Asia-Pacific Entomology</i> , 2001, 4, 143-148.	0.9	8
78	Daily and temporal occurrence of <i>Frankliniella</i> spp. (Thysanoptera : Thripidae) on tomato.. <i>Applied Entomology and Zoology</i> , 2000, 35, 207-214.	1.2	17
79	Application of Sequential Classification of Prey/Predator Ratio Test to <i>Tetranychus urticae</i> and <i>Phytoseiulus persimilis</i> System in Greenhouse Roses. <i>Journal of Asia-Pacific Entomology</i> , 2000, 3, 121-126.	0.9	2
80	Spatial Distribution and Sampling Plans for <i>Thrips palmi</i> (Thysanoptera: Thripidae) Infesting Fall Potato in Korea. <i>Journal of Economic Entomology</i> , 2000, 93, 503-510.	1.8	29
81	Effect of Test Leaf and Temperature on Mortality of <i>Frankliniella occidentalis</i> in Leaf Dip Bioassay of Insecticides. <i>Journal of Asia-Pacific Entomology</i> , 1999, 2, 69-75.	0.9	6
82	Binomial sampling plan for classifying population density of <i>Thrips palmi</i> (Thysanoptera : Thripidae) in potato. <i>Applied Entomology and Zoology</i> , 1999, 34, 537-546.	1.2	5
83	Spatial Distribution of Thrips in Greenhouse Cucumber and Development of a Fixed-Precision Sampling Plan for Estimating Population Density. <i>Journal of Asia-Pacific Entomology</i> , 1998, 1, 163-170.	0.9	9
84	Variation in thrips species composition in field crops and implications for tomato spotted wilt epidemiology in North Carolina. <i>Entomologia Experimentalis Et Applicata</i> , 1996, 78, 19-29.	1.4	45
85	Overwintering of Thrips (Thysanoptera: Thripidae) in North Carolina. <i>Environmental Entomology</i> , 1995, 24, 58-67.	1.4	54
86	Spatial Distribution and Sampling Procedures for <i>Frankliniella</i> spp. (Thysanoptera: Thripidae) in Staked Tomato. <i>Journal of Economic Entomology</i> , 1995, 88, 1658-1665.	1.8	38
87	Comparison of Colored Sticky Traps for Monitoring Thrips Populations (Thysanoptera: Thripidae) in Staked Tomato Fields. <i>Journal of Entomological Science</i> , 1995, 30, 176-190.	0.3	38