

# Kijong Cho

## List of Publications by Year in descending order

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87  
papers

1,059  
citations

430874

18  
h-index

526287

27  
g-index

88  
all docs

88  
docs citations

88  
times ranked

1088  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Overwintering of Thrips (Thysanoptera: Thripidae) in North Carolina. <i>Environmental Entomology</i> , 1995, 24, 58-67.	1.4	54
3	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
4	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
5	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
6	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
7	Proteomic evaluation of cadmium toxicity on the midge <i>Chironomus riparius</i> Meigen larvae. <i>Proteomics</i> , 2006, 6, 945-957.	2.2	37
8	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
9	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
10	Sublethal effects of fenpyroximate and pyridaben on two predatory mite species, <i>Neoseiulus womersleyi</i> and <i>Phytoseiulus persimilis</i> (Acari, Phytoseiidae). <i>Experimental and Applied Acarology</i> , 2011, 54, 243-259.	1.6	29
11	Predicting the potential geographic distribution of <i>Thrips palmi</i> in Korea, using the CLIMEX model. <i>Entomological Research</i> , 2014, 44, 47-57.	1.1	28
12	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
13	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
14	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
15	Biomarker discovery and proteomic evaluation of cadmium toxicity on a collembolan species, <i>Paronychiurus kimi</i> (Lee). <i>Proteomics</i> , 2011, 11, 2294-2307.	2.2	21
16	Chlorpyrifos-induced biomarkers in Japanese medaka ( <i>Oryzias latipes</i> ). <i>Environmental Science and Pollution Research</i> , 2016, 23, 1071-1080.	5.3	20
17	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
18	Combined effects of water quality parameters on mixture toxicity of copper and chromium toward <i>Daphnia magna</i> . <i>Chemosphere</i> , 2010, 81, 1301-1307.	8.2	19

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19	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
20	Inter-population variation for Wolbachia induced reproductive incompatibility in the haplodiploid mite Tetranychus urticae. Experimental and Applied Acarology, 2015, 65, 55-71.	1.6	19
21	Analysis of spatial pattern of Frankliniella occidentalis(Thysanoptera: Thripidae) on greenhouse cucumbers using dispersion index and spatial autocorrelation.. Applied Entomology and Zoology, 2001, 36, 25-32.	1.2	18
22	Interactive effects of water pH and hardness levels on the growth and reproduction of Heterocypris incongruens (Crustacea: Ostracoda). Hydrobiologia, 2015, 753, 97-109.	2.0	18
23	Daily and temporal occurrence of Frankliniella spp. (Thysanoptera : Thripidae) on tomato.. Applied Entomology and Zoology, 2000, 35, 207-214.	1.2	17
24	Response surface model for predicting chronic toxicity of cadmium to Paronychiurus kimi (Collembola), with a special emphasis on the importance of soil characteristics in the reproduction test. Chemosphere, 2009, 77, 889-894.	8.2	16
25	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
26	Effect of nitrogen levels of two cherry tomato cultivars on development, preference and honeydew production of Trialeurodes vaporariorum (Hemiptera: Aleyrodidae). Journal of Asia-Pacific Entomology, 2009, 12, 227-232.	0.9	14
27	Screening level ecological risk assessment of abandoned metal mines using chemical and ecotoxicological lines of evidence. Environmental Pollution, 2019, 249, 1081-1090.	7.5	14
28	Effects of Road Deicer Runoff on Benthic Macroinvertebrate Communities in Korean Freshwaters with Toxicity Tests of Calcium Chloride (CaCl <sub>2</sub> ). Water, Air, and Soil Pollution, 2014, 225, 1.	2.4	12
29	Effect of Soil Organic Matter Content and pH on Toxicity of Cadmium to Paronychiurus kimi (Lee) (Collembola). Journal of Asia-Pacific Entomology, 2007, 10, 55-61.	0.9	11
30	Toxicity effects and biomarkers of tebufenozide exposure in Yuukianura szeptyckii (Collembola:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	3.4	11
31	A reconsideration of the safety of fenoxycarb (IGR) in soil environment: The toxicity of fenoxycarb to Yuukianura szeptyckii (Collembola). Journal of Asia-Pacific Entomology, 2020, 23, 214-218.	0.9	10
32	Spatial Distribution of Thrips in Greenhouse Cucumber and Development of a Fixed-Precision Sampling Plan for Estimating Population Density. Journal of Asia-Pacific Entomology, 1998, 1, 163-170.	0.9	9
33	Evaluation of Data Transformations and Validation of a Spatial Model for Spatial Dependency of Trialeurodes vaporariorum Populations in a Cherry Tomato Greenhouse. Journal of Asia-Pacific Entomology, 2004, 7, 289-295.	0.9	9
34	Use of covariates in Taylor's power law for sequential sampling in pest management. Journal of Agricultural, Biological, and Environmental Statistics, 2004, 9, 462-478.	1.4	9
35	Degree-day based models for forecasting the flight activity of adult<i>Helicoverpa assulta</i> (Lepidoptera: Noctuidae) in hot pepper fields. International Journal of Pest Management, 2008, 54, 295-300.	1.8	9
36	Predicting temporal shifts in the spring occurrence of overwintered Scotinophara lurida (Hemiptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 Biometeorology, 2016, 60, 53-61.	3.0	9

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37	Risk map for the range expansion of Thrips palmi in Korea under climate change: Combining species distribution models with land-use change. Journal of Asia-Pacific Entomology, 2019, 22, 666-674.	0.9	9
38	Characteristics of greenhouse gas emissions from rice paddy fields in South Korea under climate change scenario RCP-8.5 using the DNDC model. Pedosphere, 2021, 31, 332-341.	4.0	9
39	Development of Time-Efficient Method for Estimating Aphids Density Using Yellow Sticky Traps in Cucumber Greenhouses. Journal of Asia-Pacific Entomology, 2001, 4, 143-148.	0.9	8
40	Sampling plans for estimating pepper fruit damage levels by Oriental tobacco budworm, Helicoverpa assulta (Guenee), in hot pepper fields. Journal of Asia-Pacific Entomology, 2009, 12, 175-178.	0.9	8
41	Exposure of mayfly Ephemera orientalis (Ephemeroptera) eggs to heavy metals and discovery of biomarkers. Environmental Toxicology and Pharmacology, 2013, 36, 1167-1175.	4.0	8
42	Transfer and biological effects of arsenate from soil through a plant-aphid system to the parasitoid wasp, Aphidius colemani. Ecotoxicology and Environmental Safety, 2019, 173, 305-313.	6.0	8
43	Estimation of Leafmine Density of Liriomyza trifolii (Diptera: Agromyzidae) in Cherry Tomato Greenhouses using Fixed Precision Sequential Sampling Plans. Journal of Asia-Pacific Entomology, 2005, 8, 81-86.	0.9	7
44	Determination of Paronychiurus kimi (Collembola: Onychiuridae) age structures by head width measurements with reference to cadmium toxicity. Applied Soil Ecology, 2009, 43, 47-52.	4.3	7
45	Detecting and cleaning outliers for robust estimation of variogram models in insect count data. Ecological Research, 2012, 27, 1-13.	1.5	7
46	Interactive effect of diet and temperature on instar numbers in Spodoptera litura, with reference to head capsule width and weight. Journal of Asia-Pacific Entomology, 2013, 16, 521-525.	0.9	7
47	Spatial association between entomopathogenic and other free-living nematodes and the influence of habitat. Applied Soil Ecology, 2014, 76, 1-6.	4.3	7
48	Effects of temperature on development, molting, and population growth of Yuukianura szeptyckii Deharveng & Weiner, 1984 (Collembola: Neanuridae). Applied Soil Ecology, 2016, 108, 325-333.	4.3	7
49	Contributions of egg production and egg hatching to the total toxicity of teflubenzuron in Yuukianura szeptyckii (Collembola) in soil toxicity test. Environmental Science and Pollution Research, 2019, 26, 26184-26192.	5.3	7
50	Evaluation of the combined effect of elevated temperature and cadmium toxicity on Daphnia magna using a simplified DEBtox model. Environmental Pollution, 2021, 291, 118250.	7.5	7
51	Effect of Test Leaf and Temperature on Mortality of Frankliniella occidentalis in Leaf Dip Bioassay of Insecticides. Journal of Asia-Pacific Entomology, 1999, 2, 69-75.	0.9	6
52	Life Table and Sensitivity Analysis as Fitness Evaluation Method of Fenpyroximate and Pyridaben Resistant Twospotted Spider Mite (Tetranychus urticae Koch). Journal of Asia-Pacific Entomology, 2003, 6, 193-199.	0.9	6
53	Development and validation of binomial sampling plans for estimating leafmine density of Liriomyza trifolii (Diptera: Agromyzidae) in greenhouse tomatoes. Applied Entomology and Zoology, 2005, 40, 579-587.	1.2	6
54	Effects of water temperature on development and heavy metal toxicity change in two midge species of <i>Cricotopus riparius</i> and <i>Cricotopus yoshimatsui</i> in an era of rapid climate change. Entomological Research, 2013, 43, 123-129.	1.1	6

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55	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
56	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
57	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
58	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
59	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
60	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
61	Mitigation of CO <sub>2</sub> and N <sub>2</sub> 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
62	Effect of HNO <sub>3</sub> and H <sub>2</sub> SO <sub>4</sub> 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
63	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
64	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
65	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
66	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
67	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
68	Soil compaction as a stressor, and its effect on cadmium toxicity to <i>Paronychiurus kimi</i> (Collembola). <i>Applied Soil Ecology</i> , 2011, 47, 204-209.	4.3	3
69	Elucidation of the genetic differences in <i>Tetranychus vaporariorum</i> populations under vegetable greenhouse conditions by using the allozyme approach. <i>Entomological Research</i> , 2013, 43, 271-281.	1.1	3
70	The complete mitochondrial genome of <i>Allonychiurus kimi</i> (Lee, 1973) (Collembola): Tj ETQq0 0 0 rgBT /Overlock 10 Tj 50 142 T	0.4	3
71	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
72	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

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73	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
74	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
75	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
76	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
77	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
78	Multigeneration toxicity of Geunsami <sup>®</sup> (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
79	Four-year successive rearing of <i>Glyptotendipes tokunagai</i> Sasa (Diptera: Chironomidae) under laboratory condition. <i>Entomological Research</i> , 2011, 41, 276-276.	1.1	1
80	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
81	The complete mitochondrial genome of <i>Yuukianura szeptyckii</i> Deharveng & Weiner 1984 (Collembola: Tj ETQq1 1.0, 784314, 1rgBT / O 0.4	0.4	1
82	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
83	A Binomial Sampling Plans for <i>Aphis gossypii</i> (Hemiptera: Aphididae) in Greenhouse Cultivation of Cucumbers. <i>Horticultural Science and Technology</i> , 2012, 30, 596-602.	0.6	1
84	A study on Biosorptive Removal of Cd from Wastewater using Chironomid Larvae (Diptera: Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50 302 T	0.1	1
85	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
86	Soil environment reshapes microbiota of laboratory-maintained Collembola during host development. <i>Environmental Microbiomes</i> , 2022, 17, 16.	5.0	1
87	Ecotoxicity of heat-treated Kapur and Japanese larch. <i>European Journal of Wood and Wood Products</i> , 2016, 74, 243-248.	2.9	0