

Jin-Hyo Kim

List of Publications by Year in descending order

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67
papers

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331670

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#	ARTICLE	IF	CITATIONS
1	Fate of endosulfan in ginseng farm and effect of granular biochar treatment on endosulfan accumulation in ginseng. <i>Environmental Geochemistry and Health</i> , 2022, 44, 3953-3965.	3.4	6
2	Residual Dissipation Pattern and Residual Safety Assessment of Dichlorvos and Valifenalate in Chinese Chives (<i>Allium tuberosum</i> R.) under Greenhouse Condition. <i>Nong'yag Gwahag Hoeji</i> , 2022, 26, 34-42.	0.5	4
3	Selective antibacterial activity of quercetin against <i>Xanthomonas campestris</i> . <i>Journal of Applied Biological Chemistry</i> , 2022, 65, 101-105.	0.4	4
4	Residual Dissipation Pattern and the Safety Assessment of Tebufenozide and Teflubenzuron on Black Chokeberry (<i>Aronia melanocarpa</i>). <i>Nong'yag Gwahag Hoeji</i> , 2022, 26, 95-102.	0.5	5
5	Environmental and dietary exposure of perfluorooctanoic acid and perfluorooctanesulfonic acid in the Nakdong River, Korea. <i>Environmental Geochemistry and Health</i> , 2021, 43, 347-360.	3.4	18
6	Effect of soil organic matter on the plant uptake of perfluorooctanoic acid (PFOA) and perfluorooctanesulphonic acid (PFOS) in lettuce on granular activated carbon-applied soil. <i>Environmental Geochemistry and Health</i> , 2021, 43, 2193-2202.	3.4	7
7	Residual Safety of Boscalid, Fluxapyroxad, Hexaconazole, Pencycuron, Pyraclostrobin, and Thifluzamide as Fungicides for the Prevention of Sclerotinia Rot on Carrot. <i>Nong'yag Gwahag Hoeji</i> , 2021, 25, 11-19.	0.5	3
8	Residual Dissipation Pattern of Dichlorvos and Etofenprox in Squash under Greenhouse Condition. <i>Nong'yag Gwahag Hoeji</i> , 2021, 25, 31-39.	0.5	6
9	Optimization of the extraction procedure for quantitative analysis of saponarin and the artificial light condition for saponarin production from barley sprout. <i>Journal of Applied Biological Chemistry</i> , 2021, 64, 197-203.	0.4	2
10	A comparison of the effectiveness of QuEChERS, FaPEX and a modified QuEChERS method on the determination of organochlorine pesticides in ginseng. <i>PLoS ONE</i> , 2021, 16, e0246108.	2.5	14
11	Per- and Polyfluoroalkyl Substances in the Air Particles of Asia: Levels, Seasonality, and Size-Dependent Distribution. <i>Environmental Science & Technology</i> , 2020, 54, 14182-14191.	10.0	40
12	Comparison of the plant uptake factor of perfluorooctanoic acid (PFOA) and perfluorooctane sulfonic acid (PFOS) from the three different concentrations of PFOA and PFOS in soil to spinach and Welsh onion. <i>Journal of Applied Biological Chemistry</i> , 2020, 63, 243-248.	0.4	8
13	Effect of soil organic matter content on plant uptake factor of ginseng for endosulfan. <i>Journal of Applied Biological Chemistry</i> , 2020, 63, 401-406.	0.4	10
14	Chlorfenapyr Residue in Sweet Persimmon from Farm to Table. <i>Journal of Food Protection</i> , 2019, 82, 810-814.	1.7	12
15	Phenylephrine, a small molecule, inhibits pectin methylesterases. <i>Biochemical and Biophysical Research Communications</i> , 2019, 508, 320-325.	2.1	8
16	Enzymatic defluorination of fluorinated compounds. <i>Applied Biological Chemistry</i> , 2019, 62, .	1.9	18
17	Examination of Commercial Biochars to Compare Their Endosulfan Adsorption Properties. <i>Nong'yag Gwahag Hoeji</i> , 2019, 23, 172-176.	0.5	4
18	Endosulfan Plant Uptake Suppression Effect on Char Amendment in Oriental Radish. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	2.4	11

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19	Calmodulin 2 Functions as an RNA Chaperone in Prokaryotic Cells. <i>Biotechnology and Bioprocess Engineering</i> , 2018, 23, 448-455.	2.6	1
20	Bioconcentration factor of perfluorochemicals for each aerial part of rice. <i>Journal of Applied Biological Chemistry</i> , 2018, 61, 191-194.	0.4	6
21	Investigation of the Bioconcentration Factor of Endosulfan for Rice from Soil. <i>Nong'yag Gwahag Hoeji</i> , 2018, 22, 25-28.	0.5	11
22	Residue safety on ethephon in soybean leaf by drenching and foliar application. <i>Journal of Applied Biological Chemistry</i> , 2018, 61, 75-78.	0.4	5
23	Effect of Postharvest Treatment of Ethylene or Light on Total Flavonoid in Soybean Leaf. <i>Nong'yag Gwahag Hoeji</i> , 2018, 22, 153-157.	0.5	2
24	Perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) concentrations in the South Korean agricultural environment: A national survey. <i>Journal of Integrative Agriculture</i> , 2017, 16, 1841-1851.	3.5	42
25	Antifungal Effect of <i>Arabidopsis</i> SGT1 Proteins via Mitochondrial Reactive Oxygen Species. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 8340-8347.	5.2	10
26	Plant uptake potential of endosulfan from soil by carrot and spinach. <i>Journal of Applied Biological Chemistry</i> , 2017, 60, 339-342.	0.4	14
27	Benzaldehyde as a new class plant growth regulator on <i>Brassica campestris</i> . <i>Journal of Applied Biological Chemistry</i> , 2016, 59, 159-164.	0.4	14
28	Quantitative analyses of ricinoleic acid and ricinine in <i>Ricinus communis</i> extracts and its biopesticides. <i>Journal of Applied Biological Chemistry</i> , 2016, 59, 165-169.	0.4	7
29	Downregulation of fungal cytochrome c peroxidase expression by antifungal quinonemethide triterpenoids. <i>Journal of Applied Biological Chemistry</i> , 2016, 59, 281-284.	0.4	4
30	Mangosenone F, A Furanoxanthone from <i>Garciana mangostana</i> , Induces Reactive Oxygen Species-Mediated Apoptosis in Lung Cancer Cells and Decreases Xenograft Tumor Growth. <i>Phytotherapy Research</i> , 2015, 29, 1753-1760.	5.8	20
31	Residual perfluorochemicals in the biochar from sewage sludge. <i>Chemosphere</i> , 2015, 134, 435-437.	8.2	45
32	Stability of Matrine and Oxymatrine from the Biopesticide from <i>Sophora flavescens</i> under Aquatic and Soil Environment. <i>Korean Journal of Environmental Agriculture</i> , 2015, 34, 1-5.	0.4	7
33	Sample Preparation Method for Perfluorochemicals with LC-Tandem Mass Spectrometry in Agricultural Water. <i>Nong'yag Gwahag Hoeji</i> , 2015, 19, 1-4.	0.5	1
34	Residual Characteristics of Bistrifluron and Fluopicolide in Korean Cabbage for Establishing Pre-Harvest Residue Limit. <i>Nong'yag Gwahag Hoeji</i> , 2015, 19, 361-369.	0.5	9
35	A Vanillin Derivative Causes Mitochondrial Dysfunction and Triggers Oxidative Stress in <i>Cryptococcus neoformans</i> . <i>PLoS ONE</i> , 2014, 9, e89122.	2.5	42
36	Polycyclic Aromatic Hydrocarbon Generation in Heat-Processed Sundried Salt. <i>Journal of Food Protection</i> , 2014, 77, 1630-1633.	1.7	2

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37	Investigation of the Source of Residual Phthalate in Sundried Salt. <i>Journal of Food Protection</i> , 2014, 77, 480-484.	1.7	1
38	Tuning Mechanism-Based Inactivators of Neuraminidases: Mechanistic and Structural Insights. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3382-3386.	13.8	24
39	Comparative assessment of compositional components, antioxidant effects, and lignan extractions from Korean white and black sesame (<i>Sesamum indicum</i> L.) seeds for different crop years. <i>Journal of Functional Foods</i> , 2014, 7, 495-505.	3.4	45
40	Saponarin from barley sprouts inhibits NF- κ B and MAPK on LPS-induced RAW 264.7 cells. <i>Food and Function</i> , 2014, 5, 3005-3013.	4.6	40
41	Quantitative Analysis of Cinnamaldehyde, Cinnamylalcohol and Salicylaldehyde in Commercial Biopesticides Containing Cinnamon Extract Using Gas Chromatography - Flame Ionization Detector. <i>Korean Journal of Environmental Agriculture</i> , 2014, 33, 213-219.	0.4	8
42	Determination of Dimethyl Disulfide, Diallyl Disulfide, and Diallyl Trisulfide in Biopesticides Containing <i>Allium Sativum</i> Extract by Gas Chromatography. <i>Korean Journal of Environmental Agriculture</i> , 2014, 33, 381-387.	0.4	5
43	Development of easy and efficient methods for quantitative analysis of ethyl carbamate using GC-MS in various fermented foods. <i>Food Science and Biotechnology</i> , 2013, 22, 599-603.	2.6	9
44	Rapid enzymatic assay of biogenic amines in Doenjang and Gochujang using amine oxidase. <i>Food Science and Biotechnology</i> , 2013, 22, 1131-1136.	2.6	10
45	Identification and characterisation of coumarins from the roots of <i>Angelica dahurica</i> and their inhibitory effects against cholinesterase. <i>Journal of Functional Foods</i> , 2013, 5, 1421-1431.	3.4	53
46	Mechanism-Based Covalent Neuraminidase Inhibitors with Broad-Spectrum Influenza Antiviral Activity. <i>Science</i> , 2013, 340, 71-75.	12.6	175
47	Inhibitory Evaluation of Sulfonamide Chalcones on \hat{I}^2 -Secretase and Acylcholinesterase. <i>Molecules</i> , 2013, 18, 140-153.	3.8	44
48	Investigation on Biogenic Amines in Plant-based Minor Korean Fermented Foods. <i>Journal of Applied Biological Chemistry</i> , 2013, 56, 113-117.	0.4	5
49	Long-term Monitoring of Pesticide Residues in Arable Soils in Korea. <i>Nong'yag Gwahag Hoeji</i> , 2013, 17, 283-292.	0.5	29
50	Reduction of Tyramine by Addition of <i>Schizandra chinensis</i> Baillon in Cheonggukjang. <i>Journal of Medicinal Food</i> , 2012, 15, 1109-1115.	1.5	10
51	Investigation on Polychlorinated Dibenzo-p-dioxins, Polychlorinated Dibenzofurans and Dioxin-like Polychlorinated Biphenyls of Grains and Estimation of Dietary Intake for Korean. <i>Journal of Applied Biological Chemistry</i> , 2012, 55, 253-261.	0.4	1
52	Development of New and Selective <i>Trypanosoma cruzi</i> α -Sialidase Inhibitors from Sulfonamide Chalcones and Their Derivatives. <i>ChemBioChem</i> , 2009, 10, 2475-2479.	2.6	51
53	Characteristic of neuraminidase inhibitory xanthenes from <i>Cudrania tricuspidata</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 2744-2750.	3.0	43
54	Neuraminidase inhibitory activities of flavonols isolated from <i>Rhodiola rosea</i> roots and their in vitro anti-influenza viral activities. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 6816-6823.	3.0	173

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55	Pterocarpan and flavanones from <i>Sophora flavescens</i> displaying potent neuraminidase inhibition. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 6046-6049.	2.2	56
56	Thioglycoligase-Based Assembly of Thiodisaccharides: Screening as Galactosidase Inhibitors. <i>ChemBioChem</i> , 2007, 8, 1495-1499.	2.6	34
57	LDL-Antioxidant Pterocarpan from Roots of <i>Glycine max</i> (L.) Merr.. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 2057-2063.	5.2	55
58	Catalytic properties of a mutant galactosidase from <i>Xanthomonas manihoti</i> engineered to synthesize galactosyl-thio-1,3 and -1,4-glycosides. <i>FEBS Letters</i> , 2006, 580, 4377-4381.	2.8	20
59	Glycosidase Inhibitory Flavonoids from <i>Sophora flavescens</i> . <i>Biological and Pharmaceutical Bulletin</i> , 2006, 29, 302-305.	1.4	99
60	Rhamnosidase inhibitory activities of polyhydroxylated pyrrolidine. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 4282-4285.	2.2	21
61	Sulfonamide chalcone as a new class of glucosidase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 5514-5516.	2.2	136
62	Highly Stereoselective Intramolecular SN ² Cyclization Yielding Chiral Oxazolidin-2-ones: General Route to Hydroxy-amino Acids. <i>Synlett</i> , 2005, 2005, 2289-2292.	1.8	0
63	Stereodivergent Syntheses of Anisomycin Derivatives from D-Tyrosine. <i>Journal of Organic Chemistry</i> , 2005, 70, 4082-4087.	3.2	32
64	Stereodivergent and Regioselective Synthesis of 3,4-cis- and 3,4-trans-Pyrrolidinediols from Amino Acids. <i>Organic Letters</i> , 2004, 6, 2273-2276.	4.6	23
65	Diastereoselective synthesis of syn-aminoalcohols via contributing CH interaction: simple synthesis of (-)-bestatin. <i>Tetrahedron Letters</i> , 2003, 44, 5905-5907.	1.4	32
66	Simple Total Syntheses of (+)-Castanospermine and (+)-6-Epicastanospermine Using Indium-Mediated Allylation. <i>Synthesis</i> , 2003, 2003, 2473-2478.	2.3	2
67	A Novel Method for Deprotection of N-9-Phenylfluoren-9-yl Group Using Iodine Catalyst: Simple Synthesis of (2S,3R,4R)-3,4-Dihydroxyproline. <i>Synlett</i> , 1999, 1999, 614-616.	1.8	10