Jong-Su Seo

List of Publications by Year in descending order

27 papers	1,660 citations	623188 14 h-index	525886 27 g-index
27 all docs	27 docs citations	27 times ranked	2108 citing authors

#	Article	IF	Citations
1	Boron nitride/carbon nanotube composite paper for self-activated chemiresistive detection. Sensors and Actuators B: Chemical, 2022, 355, 131273.	4.0	7
2	Bioconcentration and Metabolism of the New Herbicide Methiozolin in Ricefish (Oryzias latipes). Journal of Agricultural and Food Chemistry, 2021, 69, 9536-9544.	2.4	2
3	Improved Method for the Determination of Polychlorinated Dibenzo-p-dioxins and Dibenzofurans (PCDD/Fs) in Sanitary Napkins. Analytical Letters, 2020, 53, 273-289.	1.0	6
4	Plasma Lipidomics Reveals Insights into Anti-Obesity Effect of Chrysanthemum morifolium Ramat Leaves and Its Constituent Luteolin in High-Fat Diet-Induced Dyslipidemic Mice. Nutrients, 2020, 12, 2973.	1.7	16
5	Proteomic analysis of whole-body responses in medaka (Oryzias latipes) exposed to benzalkonium chloride. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2020, 55, 1387-1397.	0.9	8
6	Integrated metabolomics and lipidomics reveals high accumulation of polyunsaturated lysoglycerophospholipids in human lung fibroblasts exposed to fine particulate matter. Ecotoxicology and Environmental Safety, 2020, 202, 110896.	2.9	10
7	The impact of phenanthrene on membrane phospholipids and its biodegradation by Sphingopyxis soli. Ecotoxicology and Environmental Safety, 2020, 192, 110254.	2.9	19
8	Anaerobic Degradation of [¹⁴C]Methiozolin under Aquatic Sediment Conditions. Journal of Agricultural and Food Chemistry, 2019, 67, 13534-13543.	2.4	4
9	Proteomic analyses of the interaction between the plantâ€growth promoting rhizobacterium Paenibacillus polymyxa E681 and Arabidopsis thaliana. Proteomics, 2016, 16, 122-135.	1.3	65
10	Establishment of retention index library on gas chromatography-mass spectrometry for nontargeted metabolite profiling approach. Journal of the Korean Society for Applied Biological Chemistry, 2013, 56, 87-90.	0.9	5
11	Multi-residue method development of 8 benzoylurea insecticides in mandarin and apple using high performance liquid chromatography and liquid chromatography-tandem mass spectrometry. Journal of the Korean Society for Applied Biological Chemistry, 2013, 56, 47-54.	0.9	6
12	Multiple degradation pathways of phenanthrene by Stenotrophomonas maltophilia C6. International Biodeterioration and Biodegradation, 2013, 79, 98-104.	1.9	88
13	Metabolomic and proteomic insights into carbaryl catabolism by Burkholderia sp. C3 and degradation of ten N-methylcarbamates. Biodegradation, 2013, 24, 795-811.	1.5	45
14	Multiple pathways in the degradation of dibenzothiophene by Mycobacterium aromativorans strain JS19b1T. Journal of the Korean Society for Applied Biological Chemistry, 2012, 55, 613-618.	0.9	9
15	Development and validation of an LC/MS/MS method for determination of valproic acid and its metabolite 2-propyl-4-pentenoic acid in monkey plasma. Journal of the Korean Society for Applied Biological Chemistry, 2012, 55, 13-17.	0.9	2
16	Mycobacterium aromativorans JS19b1T degrades phenanthrene through C-1,2, C-3,4 and C-9,10 dioxygenation pathways. International Biodeterioration and Biodegradation, 2012, 70, 96-103.	1.9	33
17	Comparative Protein and Metabolite Profiling Revealed a Metabolic Network in Response to Multiple Environmental Contaminants in Mycobacterium aromativorans JS19b1^T. Journal of Agricultural and Food Chemistry, 2011, 59, 2876-2882.	2.4	17
18	Degradation of Pyrene by Mycobacterium aromativorans Strain JS19b1. Journal of the Korean Society for Applied Biological Chemistry, 2010, 53, 323-329.	0.9	10

#	Article	IF	Citations
19	Polycyclic aromatic hydrocarbon-degrading species isolated from Hawaiian soils: Mycobacterium crocinum sp. nov., Mycobacterium pallens sp. nov., Mycobacterium rutilum sp. nov., Mycobacterium rufum sp. nov. and Mycobacterium aromaticivorans sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 378-387.	0.8	105
20	Bacterial Degradation of Aromatic Compounds. International Journal of Environmental Research and Public Health, 2009, 6, 278-309.	1.2	729
21	Bioconcentration of Pirimiphos-methyl in Killifish (Oryzias latipes). Korean Journal of Environmental Agriculture, 2009, 28, 453-461.	0.0	3
22	Isolation and Characterization of Bacteria Capable of Degrading Polycyclic Aromatic Hydrocarbons (PAHs) and Organophosphorus Pesticides from PAH-Contaminated Soil in Hilo, Hawaii. Journal of Agricultural and Food Chemistry, 2007, 55, 5383-5389.	2.4	94
23	Fluoranthene metabolism and associated proteins inMycobacterium sp. JS14. Proteomics, 2007, 7, 2059-2069.	1.3	60
24	Phenanthrene degradation in Arthrobacter sp. P1-1: Initial 1,2-, 3,4- and 9,10-dioxygenation, and meta- and ortho-cleavages of naphthalene-1,2-diol after its formation from naphthalene-1,2-dicarboxylic acid and hydroxyl naphthoic acids. Chemosphere, 2006, 65, 2388-2394.	4.2	109
25	Degradation of dibenzothiophene and carbazole by Arthrobacter sp. P1-1. International Biodeterioration and Biodegradation, 2006, 58, 36-43.	1.9	55
26	Degradation of phenanthrene by Burkholderia sp. C3: initial 1,2- and 3,4-dioxygenation and meta- and ortho-cleavage of naphthalene-1,2-diol. Biodegradation, 2006, 18, 123-131.	1.5	78
27	Degradation pathways of phenanthrene by Sinorhizobium sp. C4. Applied Microbiology and Biotechnology, 2006, 71, 935-941.	1.7	75