

Benjaphorn Prapagdee

List of Publications by Citations

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29
papers

865
citations

17
h-index

29
g-index

29
ext. papers

1,034
ext. citations

4.6
avg, IF

4.64
L-index

#	Paper	IF	Citations
29	Antifungal potential of extracellular metabolites produced by <i>Streptomyces hygroscopicus</i> against phytopathogenic fungi. <i>International Journal of Biological Sciences</i> , 2008 , 4, 330-7	11.2	143
28	Bioaugmentation with cadmium-resistant plant growth-promoting rhizobacteria to assist cadmium phytoextraction by <i>Helianthus annuus</i> . <i>Chemosphere</i> , 2013 , 92, 659-66	8.4	103
27	ohrR and ohr Are the Primary Sensor/Regulator and Protective Genes against Organic Hydroperoxide Stress in <i>Agrobacterium tumefaciens</i> . <i>Journal of Bacteriology</i> , 2007 , 189, 4553-4553	3.5	78
26	ohrR and ohr are the primary sensor/regulator and protective genes against organic hydroperoxide stress in <i>Agrobacterium tumefaciens</i> . <i>Journal of Bacteriology</i> , 2006 , 188, 842-51	3.5	61
25	<i>Bacillus subtilis</i> SSE4 produces subtilene A, a new lipopeptide antibiotic possessing an unusual C15 unsaturated beta-amino acid. <i>FEBS Letters</i> , 2010 , 584, 3209-14	3.8	44
24	Enhanced cadmium phytoremediation of <i>Glycine max</i> L. through bioaugmentation of cadmium-resistant bacteria assisted by biostimulation. <i>Chemosphere</i> , 2017 , 185, 764-771	8.4	43
23	Selection of a <i>Pseudonocardia</i> sp. RM423 that accelerates the biodegradation of poly(lactic) acid in submerged cultures and in soil microcosms. <i>International Biodeterioration and Biodegradation</i> , 2015 , 99, 23-30	4.8	42
22	Bacterial-assisted cadmium phytoremediation by <i>Ocimum gratissimum</i> L. in polluted agricultural soil: a field trial experiment. <i>International Journal of Environmental Science and Technology</i> , 2015 , 12, 3843-3852	3.3	39
21	Improvement of cadmium phytoremediation after soil inoculation with a cadmium-resistant <i>Micrococcus</i> sp. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 756-64	5.1	38
20	Accelerating biodegradation of PLA using microbial consortium from dairy wastewater sludge combined with PLA-degrading bacterium. <i>International Biodeterioration and Biodegradation</i> , 2018 , 132, 74-83	4.8	36
19	Bacterial Community Composition and Activity in Urban Rivers in Thailand and Malaysia.. <i>Journal of Health Science</i> , 2001 , 47, 353-361		31
18	Effects of biochar-immobilized bacteria on phytoremediation of cadmium-polluted soil. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 23679-23688	5.1	29
17	The role of a bifunctional catalase-peroxidase KatA in protection of <i>Agrobacterium tumefaciens</i> from menadione toxicity. <i>FEMS Microbiology Letters</i> , 2004 , 232, 217-23	2.9	26
16	Potential of Napier grass with cadmium-resistant bacterial inoculation on cadmium phytoremediation and its possibility to use as biomass fuel. <i>Chemosphere</i> , 2018 , 201, 511-518	8.4	25
15	Phytoremediation of cadmium-polluted soil by <i>Chlorophytum laxum</i> combined with chitosan-immobilized cadmium-resistant bacteria. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 19249-19258	5.1	18
14	Inoculation of Soil with Cadmium-Resistant Bacteria Enhances Cadmium Phytoextraction by <i>Vetiveria nemoralis</i> and <i>Ocimum gratissimum</i> . <i>Water, Air, and Soil Pollution</i> , 2013 , 224, 1	2.6	18
13	Oxidant-inducible resistance to hydrogen peroxide killing in <i>Agrobacterium tumefaciens</i> requires the global peroxide sensor-regulator OxyR and KatA. <i>FEMS Microbiology Letters</i> , 2003 , 225, 167-72	2.9	17

12	Effects of DCP as a free radical producer and HPQM as a biocide on the mechanical properties and antibacterial performance of in situ compatibilized PBS/PLA blends. <i>Polymer Testing</i> , 2018 , 67, 331-341	4.5	16
11	Assessment and characterization of antifungal and antialgal performances for biocide-enhanced linear low-density polyethylene. <i>Journal of Applied Polymer Science</i> , 2013 , 128, 371-379	2.9	10
10	Protection of Xanthomonas against arsenic toxicity involves the peroxide-sensing transcription regulator OxyR. <i>Research in Microbiology</i> , 2005 , 156, 30-4	4	9
9	Analysis of growth phase regulated KatA and CatE and their physiological roles in determining hydrogen peroxide resistance in Agrobacterium tumefaciens. <i>FEMS Microbiology Letters</i> , 2004 , 237, 219-228	2.9	8
8	Flame retardancy, antifungal efficacies, and physical-mechanical properties for wood/polymer composites containing zinc borate. <i>Fire and Materials</i> , 2017 , 41, 675-687	1.8	6
7	Cadmium phytoremediation performance of two species of Chlorophytum and enhancing their potentials by cadmium-resistant bacteria. <i>Environmental Technology and Innovation</i> , 2021 , 21, 101311	7	6
6	Challenging Xanthomonas campestris with low levels of arsenic mediates cross-protection against oxidant killing. <i>FEMS Microbiology Letters</i> , 2006 , 262, 121-7	2.9	5
5	Mechanical properties and antibacterial performance of PMMA toughened with acrylic rubber containing 2-hydroxypropyl-3-piperazinyl-quinoline carboxylic acid methacrylate (HPQM) and HPQM absorbed on TiO ₂ particles. <i>Polymer Testing</i> , 2019 , 79, 106023	4.5	4
4	Influence of cadmium-resistant Streptomycetes on plant growth and cadmium uptake by Chlorophytum comosum (Thunb.) Jacques. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 39398-39408	5.1	3
3	Potential of a rhizobacterium on removal of heavy metals from aqueous solution and promoting plant root elongation under heavy metal toxic conditions. <i>Environmental Technology and Innovation</i> , 2021 , 22, 101419	7	3
2	Formation of Escherichia coli biofilm on LLDPE sheets by incorporation of 2-hydroxypropyl-3-piperazinyl-quinoline carboxylic acid methacrylate or silver-substituted zeolite. <i>International Biodeterioration and Biodegradation</i> , 2016 , 109, 211-222	4.8	2
1	Anti-Algal Performances for Biocide-Enhanced Low-Density Polyethylene Film. <i>Advanced Materials Research</i> , 2013 , 747, 481-484	0.5	2