

Benjaphorn Prapagdee

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | 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 |
| 28 | 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 |
| 27 | 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 |
| 26 | 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 |
| 25 | 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 |
| 24 | 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 |
| 23 | 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 |
| 22 | 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 |
| 21 | Phytoremediation of cadmium-polluted soil by Chlorophytum laxum combined with chitosan-immobilized cadmium-resistant bacteria. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 19249-19258 | 5.1 | 18 |
| 20 | 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 |
| 19 | Enhanced cadmium phytoremediation of Glycine max L. through bioaugmentation of cadmium-resistant bacteria assisted by biostimulation. <i>Chemosphere</i> , 2017 , 185, 764-771 | 8.4 | 43 |
| 18 | Improvement of cadmium phytoremediation after soil inoculation with a cadmium-resistant Micrococcus sp. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 756-64 | 5.1 | 38 |
| 17 | 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 |
| 16 | Selection of a Pseudonocardia 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 |
| 15 | Bacterial-assisted cadmium phytoremediation by Ocimum gratissimum 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 |
| 14 | 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 |
| 13 | Bioaugmentation with cadmium-resistant plant growth-promoting rhizobacteria to assist cadmium phytoextraction by Helianthus annuus. <i>Chemosphere</i> , 2013 , 92, 659-66 | 8.4 | 103 |

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| 12 | 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 |
| 11 | Anti-Algal Performances for Biocide-Enhanced Low-Density Polyethylene Film. <i>Advanced Materials Research</i> , 2013 , 747, 481-484 | 0.5 | 2 |
| 10 | <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 |
| 9 | 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 |
| 8 | 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 |
| 7 | 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 |
| 6 | Challenging <i>Xanthomonas campestris</i> with low levels of arsenic mediates cross-protection against oxidant killing. <i>FEMS Microbiology Letters</i> , 2006 , 262, 121-7 | 2.9 | 5 |
| 5 | Protection of <i>Xanthomonas</i> against arsenic toxicity involves the peroxide-sensing transcription regulator OxyR. <i>Research in Microbiology</i> , 2005 , 156, 30-4 | 4 | 9 |
| 4 | 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 |
| 3 | Analysis of growth phase regulated KatA and CatE and their physiological roles in determining hydrogen peroxide resistance in <i>Agrobacterium tumefaciens</i> . <i>FEMS Microbiology Letters</i> , 2004 , 237, 219-28 | 2.9 | 8 |
| 2 | 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 |
| 1 | Bacterial Community Composition and Activity in Urban Rivers in Thailand and Malaysia.. <i>Journal of Health Science</i> , 2001 , 47, 353-361 | | 31 |