# Wiyada Mongkolthanaruk

List of Publications by Year
in descending order



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|---|---|---|---|
| 29 papers | 718 citations | 623734 14 h-index | 552781 26 g-index |
| 29 all docs | 29 docs citations | 29 times ranked | 780 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Interaction between Phosphate Solubilizing Bacteria and Arbuscular Mycorrhizal Fungi on Growth Promotion and Tuber Inulin Content of Helianthus tuberosus L. Scientific Reports, 2020, 10, 4916. | 3.3 | 85 |
| 2 | Engineering Bacterial Cellulose Films by Nanocomposite Approach and Surface Modification for Biocompatible Triboelectric Nanogenerator. ACS Applied Electronic Materials, 2020, 2, 2498-2506. | 4.3 | 69 |
| 3 | Classification of Bacillus Beneficial Substances Related to Plants, Humans and Animals. Journal of Microbiology and Biotechnology, 2012, 22, 1597-1604. | 2.1 | 67 |
| 4 | Polyvinyl Alcohol (PVA)/Starch Bioactive Packaging Film Enriched with Antioxidants from Spent Coffee Ground and Citric Acid. Journal of Polymers and the Environment, 2018, 26, 3762-3772. | 5.0 | 55 |
| 5 | Carbon Nanofiber Aerogel/Magnetic Coreâ€“Shell Nanoparticle Composites as Recyclable Oil Sorbents. ACS Applied Nano Materials, 2020, 3, 3939-3950. | 5.0 | 44 |
| 6 | Endophytic Bacteria Improve Root Traits, Biomass and Yield of Helianthus tuberosus L. under Normal and Deficit Water Conditi. Journal of Microbiology and Biotechnology, 2019, 29, 1777-1789. | 2.1 | 37 |
| 7 | Magnetically responsive and flexible bacterial cellulose membranes. Carbohydrate Polymers, 2018, 192, 251-262. | 10.2 | 34 |
| 8 | Effect of Oregano Essential Oil Content on Properties of Green Biocomposites Based on Cassava Starch and Sugarcane Bagasse for Bioactive Packaging. Journal of Polymers and the Environment, 2018, 26, 311-318. | 5.0 | 34 |
| 9 | Bioactive Starch Foam Composite Enriched With Natural Antioxidants from Spent Coffee Ground and Essential Oil. Starch/Staerke, 2018, 70, 1700238. | 2.1 | 31 |
| 10 | White magnetic paper based on a bacterial cellulose nanocomposite. Journal of Materials Chemistry C, 2018, 6, 11427-11435. | 5.5 | 30 |
| 11 | Combination of arbuscular mycorrhizal fungi and phosphate solubilizing bacteria on growth and production of Helianthus tuberosus under field condition. Scientific Reports, 2021, 11, 6501. | 3.3 | 29 |
| 12 | Nanoporous Magnetic Carbon Nanofiber Aerogels with Embedded Î±-Fe/Î³-Fe Coreâ€“Shell Nanoparticles for Oil Sorption and Recovery. ACS Applied Nano Materials, 2022, 5, 2885-2896. | 5.0 | 21 |
| 13 | Magnetic bacterial cellulose and carbon nanofiber aerogel by simple immersion and pyrolysis. Journal of Materials Science, 2020, 55, 4113-4126. | 3.7 | 20 |
| 14 | Growth enhancement of sunchoke by arbuscular mycorrhizal fungi under drought condition. Rhizosphere, 2021, 17, 100308. | 3.0 | 20 |
| 15 | A new cerebroside and the cytotoxic constituents isolated from Xylaria allantoidea SWUF76. Natural Product Research, 2017, 31, 1422-1430. | 1.8 | 19 |
| 16 | Hard magnetic membrane based on bacterial cellulose â€“ Barium ferrite nanocomposites. Carbohydrate Polymers, 2021, 264, 118016. | 10.2 | 15 |
| 17 | A simple method for fabricating flexible thermoelectric nanocomposites based on bacterial cellulose nanofiber and Ag2Se. Applied Physics Letters, 2022, 120, . | 3.3 | 15 |
| 18 | Flexible Thermoelectric Paper and Its Thermoelectric Generator from Bacterial Cellulose/Ag<sub>2</sub>Se Nanocomposites. ACS Applied Energy Materials, 2022, 5, 3489-3501. | 5.1 | 14 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Anti-inflammatory and cytotoxic agents from Xylaria sp. SWUF09-62 fungus. Natural Product Research, 2021, 35, 2010-2019. | 1.8 | 13 |
| 20 | A new amino amidine derivative from the wood-decaying fungus Xylaria cf. cubensis SWUF08-86. Natural Product Research, 2018, 32, 2260-2267. | 1.8 | 9 |
| 21 | Co-Inoculation of an Endophytic and Arbuscular Mycorrhizal Fungus Improve Growth and Yield of Helianthus tuberosus L. under Field Condition. Journal of Fungi (Basel, Switzerland), 2021, 7, 976. | 3.5 | 9 |
| 22 | Co2P2O7 Microplate/Bacterial Celluloseâ€“Derived Carbon Nanofiber Composites with Enhanced Electrochemical Performance. Nanomaterials, 2021, 11, 2015. | 4.1 | 8 |
| 23 | Chemical constituents and cytotoxic activity from the wood-decaying fungus Xylaria sp. SWUF08-37. Natural Product Research, 2020, 34, 464-473. | 1.8 | 7 |
| 24 | The first member of Exserohilum rostratum beneficial for promoting growth and yield of sunchoke (Helianthus tuberosus L.). Rhizosphere, 2021, 19, 100379. | 3.0 | 7 |
| 25 | Anti-inflammatory and anti-proliferative activities of chemical constituents from fungus Biscogniauxia whalleyi SWUF13-085. Phytochemistry, 2021, 191, 112908. | 2.9 | 7 |
| 26 | Synthesis and Characterization of a Magnetic Carbon Nanofiber Derived from Bacterial Cellulose for the Removal of Diclofenac from Water. ACS Omega, 2022, 7, 7572-7584. | 3.5 | 7 |
| 27 | Chemical Constituents, and their Cytotoxicity, of the Rare Wood Decaying Fungus Xylaria humosa. Natural Product Communications, 2014, 9, 1934578X1400900. | 0.5 | 6 |
| 28 | A new Î±-pyrone derivative from Annulohypoxylon stygium SWUF09-030. Journal of Asian Natural Products Research, 2021, 23, 1182-1188. | 1.4 | 5 |
| 29 | New furan derivatives from Annulohypoxylon spougei fungus. Journal of Asian Natural Products Research, 2022, 24, 971-978. | 1.4 | 1 |