# Qun Wang

List of Publications by Year
in descending order



| 22 | 386 | 840776 11 | 752698 20 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 22 | 22 | 22 | 514 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Sorption of tetracycline on biochar derived from rice straw and swine manure. RSC Advances, 2018, 8, 16260-16268. | 3.6 | 97 |
| 2 | The contrasting effects of N-(n-butyl) thiophosphoric triamide (NBPT) on N2O emissions in arable soils differing in pH are underlain by complex microbial mechanisms. Science of the Total Environment, 2018, 642, 155-167. | 8.0 | 40 |
| 3 | Sweetpotato vines hydrolysate promotes single cell oils production of Trichosporon fermentans in high-density molasses fermentation. Bioresource Technology, 2015, 176, 249-256. | 9.6 | 26 |
| 4 | Evaluation of Bacterial Expansin EXLX1 as a Cellulase Synergist for the Saccharification of Lignocellulosic Agro-Industrial Wastes. PLoS ONE, 2013, 8, e75022. | 2.5 | 25 |
| 5 | Effects of di-n-butyl phthalate and di-2-ethylhexyl phthalate on pollutant removal and microbial community during wastewater treatment. Ecotoxicology and Environmental Safety, 2020, 198, 110665. | 6.0 | 24 |
| 6 | Excellent waste biomass-degrading performance of Trichoderma asperellum T-1 during submerged fermentation. Science of the Total Environment, 2017, 609, 1329-1339. | 8.0 | 21 |
| 7 | Sweetpotato vines hydrolysate induces glycerol to be an effective substrate for lipid production of Trichosporon fermentans. Bioresource Technology, 2013, 136, 725-729. | 9.6 | 20 |
| 8 | Adsorption of tetracycline and Cd(II) on polystyrene and polyethylene terephthalate microplastics with ultraviolet and hydrogen peroxide aging treatment. Science of the Total Environment, 2022, 845, 157109. | 8.0 | 18 |
| 9 | Effective degradation of Di-n-butyl phthalate by reusable, magnetic Fe3O4 nanoparticle-immobilized Pseudomonas sp. W1 and its application in simulation. Chemosphere, 2020, 250, 126339. | 8.2 | 17 |
| 10 | Comparative genome analysis of the oleaginous yeast Trichosporon fermentans reveals its potential applications in lipid accumulation. Microbiological Research, 2016, 192, 203-210. | 5.3 | 15 |
| 11 | Sequence analysis of leader and trailer regions of rice yellow stunt rhabdovirus and characterization of theirin vivo transcripts. Science in China Series C: Life Sciences, 1999, 42, 50-56. | 1.3 | 11 |
| 12 | Application of methanol and sweet potato vine hydrolysate as enhancers of citric acid production by Aspergillus niger. Bioresources and Bioprocessing, 2017, 4, 35. | 4.2 | 11 |
| 13 | Characterization of Cellulase Secretion and Cre1-Mediated Carbon Source Repression in the Potential Lignocellulose-Degrading Strain Trichoderma asperellum T-1. PLoS ONE, 2015, 10, e0119237. | 2.5 | 10 |
| 14 | Agrobacterium tumefaciens-mediated transformation of Botryosphaeria dothidea. World Journal of Microbiology and Biotechnology, 2016, 32, 106. | 3.6 | 10 |
| 15 | Agro-industrial waste recycling by Trichosporon fermentans: conversion of waste sweetpotato vines alone into lipid. Environmental Science and Pollution Research, 2018, 25, 8793-8799. | 5.3 | 9 |
| 16 | The binding, synergistic and structural characteristics of BsEXLX1 for loosening the main components of lignocellulose: Lignin, xylan, and cellulose. Enzyme and Microbial Technology, 2016, 92, 67-75. | 3.2 | 6 |
| 17 | Removal of Di-n-butyl phthalate from aged leachate under optimal hydraulic condition of leachate treatment process and in the presence of its dominant bacterial strains. Ecotoxicology and Environmental Safety, 2021, 222, 112532. | 6.0 | 6 |
| 18 | Engineering Aspergillus oryzae A-4 through the Chromosomal Insertion of Foreign Cellulase Expression Cassette to Improve Conversion of Cellulosic Biomass into Lipids. PLoS ONE, 2014, 9, e108442. | 2.5 | 6 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Transformation of phthalic acid diesters in an anaerobic/anoxic/oxic leachate treatment process. Chinese Journal of Chemical Engineering, 2020, 28, 249-253. | 3.5 | 5 |
| 20 | Mechanism for the disparity of the lipid production by Trichosporon fermentans grown on different sweetpotato vines hydrolysates. Industrial Crops and Products, 2013, 50, 844-851. | 5.2 | 4 |
| 21 | Pretreatment of straw using filamentous fungi improves the remediation effect of straw biochar on bivalent cadmium contaminated soil. Environmental Science and Pollution Research, 2022, 29, 60933-60944. | 5.3 | 4 |
| 22 | The overexpression of one single cbh gene making Trichoderma asperellum T-1 a better cellulase producer. Annals of Microbiology, 2019, 69, 673-683. | 2.6 | 1 |