

Uswatun Hasanah Zaidan

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

754
citations

759233

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839539

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all docs

19
docs citations

19
times ranked

707
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Microbial synthesis of zinc oxide nanoparticles and their potential application as an antimicrobial agent and a feed supplement in animal industry: a review. <i>Journal of Animal Science and Biotechnology</i> , 2019, 10, 57. | 5.3 | 325 |
| 2 | Biosynthesis of zinc oxide nanoparticles by cell-biomass and supernatant of <i>Lactobacillus plantarum</i> TA4 and its antibacterial and biocompatibility properties. <i>Scientific Reports</i> , 2020, 10, 19996. | 3.3 | 85 |
| 3 | Sustainable microbial cell nanofactory for zinc oxide nanoparticles production by zinc-tolerant probiotic <i>Lactobacillus plantarum</i> strain TA4. <i>Microbial Cell Factories</i> , 2020, 19, 10. | 4.0 | 58 |
| 4 | Antibacterial Potential of Biosynthesized Zinc Oxide Nanoparticles against Poultry-Associated Foodborne Pathogens: An In Vitro Study. <i>Animals</i> , 2021, 11, 2093. | 2.3 | 45 |
| 5 | Artificial Neural Networks (ANNs) and Response Surface Methodology (RSM) Approach for Modelling the Optimization of Chromium (VI) Reduction by Newly Isolated <i>Acinetobacter radioresistens</i> Strain NS-MIE from Agricultural Soil. <i>BioMed Research International</i> , 2019, 2019, 1-14. | 1.9 | 41 |
| 6 | Optimization of an Ultrasound-Assisted Extraction Condition for Flavonoid Compounds from Cocoa Shells (<i>Theobroma cacao</i>) Using Response Surface Methodology. <i>Molecules</i> , 2019, 24, 711. | 3.8 | 36 |
| 7 | Microbial Mediated Synthesis of Silver Nanoparticles by <i>Lactobacillus Plantarum</i> TA4 and its Antibacterial and Antioxidant Activity. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6973. | 2.5 | 36 |
| 8 | Microbial Decolorization of Triazo Dye, Direct Blue 71: An Optimization Approach Using Response Surface Methodology (RSM) and Artificial Neural Network (ANN). <i>BioMed Research International</i> , 2020, 2020, 1-16. | 1.9 | 28 |
| 9 | Optimization of Total Phenolic and Flavonoid Contents of Defatted Pitaya (<i>Hylocereus polyrhizus</i>) Seed Extract and Its Antioxidant Properties. <i>Molecules</i> , 2020, 25, 787. | 3.8 | 25 |
| 10 | Exploring the Potential Use of <i>Hylocereus polyrhizus</i> Peels as a Source of Cosmeceutical Sunscreen Agent for Its Antioxidant and Photoprotective Properties. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-12. | 1.2 | 15 |
| 11 | Optimizing Conditions for Microwave-Assisted Extraction of Polyphenolic Content and Antioxidant Activity of <i>Barleria lupulina</i> Lindl.. <i>Plants</i> , 2021, 10, 682. | 3.5 | 14 |
| 12 | Development of <i>Phaleria macrocarpa</i> (Scheff.) Boerl Fruits Using Response Surface Methodology Focused on Phenolics, Flavonoids and Antioxidant Properties. <i>Molecules</i> , 2018, 23, 724. | 3.8 | 12 |
| 13 | Comparison of Joint Effect of Acute and Chronic Toxicity for Combined Assessment of Heavy Metals on <i>Photobacterium</i> sp.NAA-MIE. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6644. | 2.6 | 9 |
| 14 | Optimization of the Antioxidant Potentials of Red Pitaya Peels and Its In Vitro Skin Whitening Properties. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1516. | 2.5 | 6 |
| 15 | Evaluation of Constituents and Physicochemical Properties of Malaysian Underutilized <i>Ziziphus mauritiana</i> (Bidara) for Nutraceutical Potential. <i>International Journal of Fruit Science</i> , 2020, 20, 394-402. | 2.4 | 6 |
| 16 | Statistical Modeling for the Optimization of Bioluminescence Production by Newly Isolated <i>Photobacterium</i> sp. NAA-MIE. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2020, 90, 797-810. | 1.0 | 5 |
| 17 | Optimization of the Antioxidant Activities of Mixtures of Melastomataceae Leaves Species (M. Tj ETQq1 1 0.784314 rgBT /Overlock 10 Anti-Collagenase and Elastase Properties. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7002. | 2.5 | 4 |
| 18 | Bioluminescent method for the rapid screening of toxic heavy metals in environmental samples using <i>Photobacterium leiognathi</i> strain AK-MIE. <i>Ecotoxicology and Environmental Safety</i> , 2020, 196, 110527. | 6.0 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Gel Textural Characteristics of Hair Gel with Cocoa Shell Extract by Using Mixture D-optimal Method. International Journal of Biology and Biomedical Engineering, 2022, 16, 112-119. | 0.3 | 0 |