

Leonard Vuyani Mabinya

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,013
citations

394421

19
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552781

26
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docs citations

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times ranked

951
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Agroresidues enhanced peroxidase activity expression by <i>Bacillus</i> sp. MABINYA-1 under submerged fermentation. <i>Bioresources and Bioprocessing</i> , 2020, 7, . | 4.2 | 5 |
| 2 | Studies on peroxidase production and detection of <i>Sporotrichum thermophile</i> -like catalase-peroxidase gene in a <i>Bacillus</i> species isolated from Hogsback forest reserve, South Africa. <i>Heliyon</i> , 2019, 5, e03012. | 3.2 | 8 |
| 3 | Biochemical and molecular characterization of a novel dye-decolourizing peroxidase from <i>Raoultella ornithinolytica</i> OKOH-1. <i>International Journal of Biological Macromolecules</i> , 2019, 121, 454-462. | 7.5 | 20 |
| 4 | Agrowastes utilization by <i>Raoultella ornithinolytica</i> for optimal extracellular peroxidase activity. <i>Biotechnology and Applied Biochemistry</i> , 2019, 66, 60-67. | 3.1 | 8 |
| 5 | Ligninolytic enzymes: Versatile biocatalysts for the elimination of endocrine-disrupting chemicals in wastewater. <i>MicrobiologyOpen</i> , 2018, 7, e00722. | 3.0 | 33 |
| 6 | Biofloculation potentials of a uronic acid-containing glycoprotein produced by <i>Bacillus</i> sp. AEMREG4 isolated from Tyhume River, South Africa. <i>3 Biotech</i> , 2017, 7, 78. | 2.2 | 8 |
| 7 | Peroxidase production and ligninolytic potentials of fresh water bacteria <i>Raoultella ornithinolytica</i> and <i>Ensifer adhaerens</i> . <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2017, 16, 12-17. | 4.4 | 48 |
| 8 | Lignin peroxidase functionalities and prospective applications. <i>MicrobiologyOpen</i> , 2017, 6, e00394. | 3.0 | 192 |
| 9 | Assessment of <i>Bacillus pumilus</i> Isolated from Fresh Water Milieu for Biofloculant Production. <i>Applied Sciences (Switzerland)</i> , 2016, 6, 211. | 2.5 | 29 |
| 10 | Optimization of Cellulase and Xylanase Production by <i>Micrococcus</i> Species under Submerged Fermentation. <i>Sustainability</i> , 2016, 8, 1168. | 3.2 | 27 |
| 11 | Implications for public health demands alternatives to inorganic and synthetic flocculants: biofloculants as important candidates. <i>MicrobiologyOpen</i> , 2016, 5, 177-211. | 3.0 | 93 |
| 12 | Evaluation of flocculating performance of a thermostable biofloculant produced by marine <i>Bacillus</i> sp.. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 1829-1842. | 2.2 | 28 |
| 13 | <i>Bacillus toyonensis</i> Strain AEMREG6, a Bacterium Isolated from South African Marine Environment Sediment Samples Produces a Glycoprotein Biofloculant. <i>Molecules</i> , 2015, 20, 5239-5259. | 3.8 | 29 |
| 14 | Characterization of a Biofloculant (MBF-UFH) Produced by <i>Bacillus</i> sp. AEMREG7. <i>International Journal of Molecular Sciences</i> , 2015, 16, 12986-13003. | 4.1 | 50 |
| 15 | Characterization and Flocculating Properties of a Biopolymer Produced by <i>Halomonas</i> sp. Okoh. <i>Water Environment Research</i> , 2015, 87, 298-303. | 2.7 | 5 |
| 16 | Biofloculant production by a consortium of <i>Streptomyces</i> and <i>Cellulomonas</i> species and media optimization via surface response model. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 116, 257-264. | 5.0 | 54 |
| 17 | Characterization and flocculation efficiency of a biofloculant produced by a marine <i>Halobacillus</i> . <i>Environmental Technology (United Kingdom)</i> , 2013, 34, 2671-2679. | 2.2 | 28 |
| 18 | Studies on biofloculant production by a mixed culture of <i>Methylobacterium</i> sp. Obi and <i>Actinobacterium</i> sp. Mayor. <i>BMC Biotechnology</i> , 2013, 13, 62. | 3.3 | 33 |

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|----|--|-----|-----------|
| 19 | Characterization of a Bioflocculant Produced by a Consortium of <i>Halomonas</i> sp. Okoh and <i>Micrococcus</i> sp. Leo. <i>International Journal of Environmental Research and Public Health</i> , 2013, 10, 5097-5110. | 2.6 | 58 |
| 20 | Studies on Bioflocculant Production by <i>Arthrobacter</i> sp. Raats, a Freshwater Bacteria Isolated from Tyume River, South Africa. <i>International Journal of Molecular Sciences</i> , 2012, 13, 1054-1065. | 4.1 | 48 |
| 21 | A Freshwater <i>Streptomyces</i> , Isolated from Tyume River, Produces a Predominantly Extracellular Glycoprotein Bioflocculant. <i>International Journal of Molecular Sciences</i> , 2012, 13, 8679-8695. | 4.1 | 40 |
| 22 | Production and characterization of bioflocculant produced by <i>Halobacillus</i> sp. Mvuyo isolated from bottom sediment of Algoa Bay. <i>Environmental Technology (United Kingdom)</i> , 2012, 33, 967-973. | 2.2 | 26 |
| 23 | Bioflocculant Production by <i>Virgibacillus</i> sp. Rob Isolated from the Bottom Sediment of Algoa Bay in the Eastern Cape, South Africa. <i>Molecules</i> , 2011, 16, 2431-2442. | 3.8 | 70 |
| 24 | <i>Halomonas</i> sp. OKOH – A Marine Bacterium Isolated from the Bottom Sediment of Algoa Bay – Produces a Polysaccharide Bioflocculant: Partial Characterization and Biochemical Analysis of Its Properties. <i>Molecules</i> , 2011, 16, 4358-4370. | 3.8 | 29 |
| 25 | Antibiotic Producing Potentials of Three Freshwater Actinomycetes Isolated from the Eastern Cape Province of South Africa. <i>International Journal of Molecular Sciences</i> , 2010, 11, 2612-2623. | 4.1 | 24 |
| 26 | Antimicrobial and antioxidative activities of <i>Tagetes minuta</i> , <i>Lippia javanica</i> and <i>Foeniculum vulgare</i> essential oils from the Eastern Cape Province of South Africa. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2004, 7, 68-78. | 1.9 | 20 |