

Leonard Vuyani Mabinya

List of Publications by Year in descending order

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26
papers

1,013
citations

394421

19
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

951
citing authors

#	ARTICLE	IF	CITATIONS
1	Lignin peroxidase functionalities and prospective applications. <i>MicrobiologyOpen</i> , 2017, 6, e00394.	3.0	192
2	Implications for public health demands alternatives to inorganic and synthetic flocculants: bioflocculants as important candidates. <i>MicrobiologyOpen</i> , 2016, 5, 177-211.	3.0	93
3	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
4	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
5	Bioflocculant 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
6	Characterization of a Bioflocculant (MBF-UFH) Produced by <i>Bacillus</i> sp. AEMREG7. <i>International Journal of Molecular Sciences</i> , 2015, 16, 12986-13003.	4.1	50
7	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
8	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
9	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
10	Studies on bioflocculant 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
11	Ligninolytic enzymes: Versatile biocatalysts for the elimination of endocrine-disrupting chemicals in wastewater. <i>MicrobiologyOpen</i> , 2018, 7, e00722.	3.0	33
12	<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
13	<i>Bacillus toyonensis</i> Strain AEMREG6, a Bacterium Isolated from South African Marine Environment Sediment Samples Produces a Glycoprotein Bioflocculant. <i>Molecules</i> , 2015, 20, 5239-5259.	3.8	29
14	Assessment of <i>Bacillus pumilus</i> Isolated from Fresh Water Milieu for Bioflocculant Production. <i>Applied Sciences (Switzerland)</i> , 2016, 6, 211.	2.5	29
15	Characterization and flocculation efficiency of a bioflocculant produced by a marine <i>Halobacillus</i> . <i>Environmental Technology (United Kingdom)</i> , 2013, 34, 2671-2679.	2.2	28
16	Evaluation of flocculating performance of a thermostable bioflocculant produced by marine <i>Bacillus</i> sp.. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 1829-1842.	2.2	28
17	Optimization of Cellulase and Xylanase Production by <i>Micrococcus</i> Species under Submerged Fermentation. <i>Sustainability</i> , 2016, 8, 1168.	3.2	27
18	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

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19	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
20	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
21	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
22	Bioflocculation 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
23	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
24	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
25	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
26	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