

Marco Mv Vastano

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

306
citations

933410

10
h-index

996954

15
g-index

18
all docs

18
docs citations

18
times ranked

500
citing authors

#	ARTICLE	IF	CITATIONS
1	Turning Wastes into Resources: Exploiting Microbial Potential for the Conversion of Food Wastes into Polyhydroxyalkanoates. <i>Environmental and Microbial Biotechnology</i> , 2021, , 133-168.	0.7	0
2	Fermentation of Biodegradable Organic Waste by the Family Thermotogaceae. <i>Resources</i> , 2021, 10, 34.	3.5	13
3	Wound Healing and Antioxidant Evaluations of Alginate from <i>Sargassum ilicifolium</i> and Mangosteen Rind Combination Extracts on Diabetic Mice Model. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4651.	2.5	10
4	Polymer Chemistry Applications of Cyrene and its Derivative Cygnet 0.0 as Safer Replacements for Polar Aprotic Solvents. <i>ChemSusChem</i> , 2021, 14, 3367-3381.	6.8	28
5	Improvement of CO ₂ and Acetate Coupling into Lactic Acid by Genetic Manipulation of the Hyperthermophilic Bacterium <i>Thermotoga neapolitana</i> . <i>Microorganisms</i> , 2021, 9, 1688.	3.6	4
6	Effect of Cultivation Parameters on Fermentation and Hydrogen Production in the Phylum Thermotogae. <i>International Journal of Molecular Sciences</i> , 2021, 22, 341.	4.1	20
7	Characterization of Alginate from <i>Sargassum duplicatum</i> and the Antioxidant Effect of Alginate+Okra Fruit Extracts Combination for Wound Healing on Diabetic Mice. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6082.	2.5	12
8	CO ₂ -Induced Transcriptional Reorganization: Molecular Basis of Capnophilic Lactic Fermentation in <i>Thermotoga neapolitana</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 171.	3.5	9
9	Sustainable Galactarate-Based Polymers: Multi-Enzymatic Production of Pectin-Derived Polyesters. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1900361.	3.9	14
10	Conversion of no/low value waste frying oils into biodiesel and polyhydroxyalkanoates. <i>Scientific Reports</i> , 2019, 9, 13751.	3.3	37
11	Safer bio-based solvents to replace toluene and tetrahydrofuran for the biocatalyzed synthesis of polyesters. <i>Green Chemistry</i> , 2019, 21, 1686-1694.	9.0	50
12	Enzymatic production of clickable and PEGylated recombinant polyhydroxyalkanoates. <i>Green Chemistry</i> , 2017, 19, 5494-5504.	9.0	17
13	His-Tag Immobilization of Cutinase 1 From <i>Thermobifida cellulosilytica</i> for Solvent-Free Synthesis of Polyesters. <i>Biotechnology Journal</i> , 2017, 12, 1700322.	3.5	16
14	Enzymatic Degradation of Aromatic and Aliphatic Polyesters by <i>P. pastoris</i> Expressed Cutinase 1 from <i>Thermobifida cellulosilytica</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 938.	3.5	62
15	Production of poly 3-hydroxyhexanoate near homo-polymer from fatty acids containing feedstocks by recombinant <i>Escherichia coli</i> . <i>New Biotechnology</i> , 2016, 33, S194-S195.	4.4	0
16	PRODUCTION OF BIOPLASTIC FROM WASTE OILS BY RECOMBINANT <i>Escherichia coli</i> : A PIT-STOP IN WASTE FRYING OIL TO BIO-DIESEL CONVERSION RACE. <i>Environmental Engineering and Management Journal</i> , 2016, 15, 2003-2010.	0.6	4
17	Production of medium chain length polyhydroxyalkanoates from waste oils by recombinant <i>Escherichia coli</i> . <i>Engineering in Life Sciences</i> , 2015, 15, 700-709.	3.6	10
18	New clues to design cell factories for tailor-made biopolymer production: <i>Bacillus cereus</i> as a source of polyhydroxyalkanoates biosynthetic proteins. <i>New Biotechnology</i> , 2014, 31, S177.	4.4	0