Marco Mv Vastano

List of Publications by Year
in descending order

18 papers	306 citations	933447 10 h-index	996975 15 g-index
18 all docs	18 docs citations	18 times ranked	500 citing authors

#	Article	IF	Citations
1	Enzymatic Degradation of Aromatic and Aliphatic Polyesters by P. pastoris Expressed Cutinase 1 from Thermobifida cellulosilytica. Frontiers in Microbiology, 2017, 8, 938.	3.5	62
2	Safer bio-based solvents to replace toluene and tetrahydrofuran for the biocatalyzed synthesis of polyesters. Green Chemistry, 2019, 21, 1686-1694.	9.0	50
3	Conversion of no/low value waste frying oils into biodiesel and polyhydroxyalkanoates. Scientific Reports, 2019, 9, 13751.	3.3	37
4	Polymer Chemistry Applications of Cyrene and its Derivative Cygnet 0.0 as Safer Replacements for Polar Aprotic Solvents. ChemSusChem, 2021, 14, 3367-3381.	6.8	28
5	Effect of Cultivation Parameters on Fermentation and Hydrogen Production in the Phylum Thermotogae. International Journal of Molecular Sciences, 2021, 22, 341.	4.1	20
6	Enzymatic production of clickable and PEGylated recombinant polyhydroxyalkanoates. Green Chemistry, 2017, 19, 5494-5504.	9.0	17
7	Hisâ€Tag Immobilization of Cutinase 1 From Thermobifida cellulosilytica for Solventâ€Free Synthesis of Polyesters. Biotechnology Journal, 2017, 12, 1700322.	3.5	16
8	Sustainable Galactarateâ€Based Polymers: Multiâ€Enzymatic Production of Pectinâ€Derived Polyesters. Macromolecular Rapid Communications, 2019, 40, e1900361.	3.9	14
9	Fermentation of Biodegradable Organic Waste by the Family Thermotogaceae. Resources, 2021, 10, 34.	3.5	13
10	Characterization of Alginate from Sargassum duplicatum and the Antioxidant Effect of Alginateâ€“Okra Fruit Extracts Combination for Wound Healing on Diabetic Mice. Applied Sciences (Switzerland), 2020, 10, 6082.	2.5	12
11	Production of medium chain length polyhydroxyalkanoates from waste oils by recombinant <i>Escherichia coli</i>. Engineering in Life Sciences, 2015, 15, 700-709.	3.6	10
12	Wound Healing and Antioxidant Evaluations of Alginate from Sargassum ilicifolium and Mangosteen Rind Combination Extracts on Diabetic Mice Model. Applied Sciences (Switzerland), 2021, 11, 4651.	2.5	10
13	CO2-Induced Transcriptional Reorganization: Molecular Basis of Capnophillic Lactic Fermentation in Thermotoga neapolitana. Frontiers in Microbiology, 2020, 11, 171.	3.5	9
14	Improvement of CO2 and Acetate Coupling into Lactic Acid by Genetic Manipulation of the Hyperthermophilic Bacterium Thermotoga neapolitana. Microorganisms, 2021, 9, 1688.	3.6	4
15	PRODUCTION OF BIOPLASTIC FROM WASTE OILS BY RECOMBINANT Escherichia coli: A PIT-STOP IN WASTE FRYING OIL TO BIO-DIESEL CONVERSION RACE. Environmental Engineering and Management Journal, 2016, 15, 2003-2010.	0.6	4
16	New clues to design cell factories for tailor-made biopolymer production: Bacillus cereus as a source of polyhydroxyalkanoates biosynthetic proteins. New Biotechnology, 2014, 31, S177.	4.4	0
17	Production of poly 3-hydroxyhexanoate near homo-polymer from fatty acids containing feedstocks by recombinant Escherichia coli. New Biotechnology, 2016, 33, S194-S195.	4.4	0
18	Turning Wastes into Resources: Exploiting Microbial Potential for the Conversion of Food Wastes into Polyhydroxyalkanoates. Environmental and Microbial Biotechnology, 2021, , 133-168.	0.7	0