

J Iyyappan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6072914/publications.pdf>

Version: 2024-02-01

26
papers

789
citations

567281

15
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

831
citing authors

#	ARTICLE	IF	CITATIONS
1	Transgenicism in algae: Challenges in compatibility, global scenario and future prospects for next generation biofuel production. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 154, 111829.	16.4	14
2	Anaerobic biobutanol production from black strap molasses using <i>Clostridium acetobutylicum</i> MTCC11274: Media engineering and kinetic analysis. <i>Bioresource Technology</i> , 2022, 346, 126405.	9.6	13
3	Techno economic analysis of malic acid production using crude glycerol derived from waste cooking oil. <i>Bioresource Technology</i> , 2022, 351, 126956.	9.6	11
4	Overview of Current Developments in Biobutanol Production Methods and Future Perspectives. <i>Methods in Molecular Biology</i> , 2021, 2290, 3-21.	0.9	3
5	A review on process and characterization of mussels and cirripeds for adhesive properties and applications thereof. <i>Current Research in Green and Sustainable Chemistry</i> , 2021, 4, 100092.	5.6	3
6	Expedited energy charging of water using natural graphite flake for cool thermal storage. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2021, 29, 670-677.	2.1	11
7	Lipid bioproduction from delignified native grass (<i>Cyperus distans</i>) hydrolysate by <i>Yarrowia lipolytica</i> . <i>Bioresource Technology</i> , 2021, 324, 124659.	9.6	23
8	Role of graphitized mesoporous carbon on solidification and melting characteristics of water for cool thermal storage. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2021, 29, 890-898.	2.1	13
9	Advances in bio food packaging “ An overview. <i>Heliyon</i> , 2021, 7, e07998.	3.2	30
10	Critical review on bioconversion of winery wastes into value-added products. <i>Industrial Crops and Products</i> , 2020, 158, 112954.	5.2	32
11	Enhanced malic acid production using <i>Aspergillus niger</i> coupled with in situ product recovery. <i>Bioresource Technology</i> , 2020, 308, 123259.	9.6	25
12	Extracellular Green Synthesis of Silver Nanoparticles Using Extract of <i>Mimosa pudica</i> Leaves and Assessment of Antibacterial and Antifungal Activity. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2020, 90, 1025-1033.	1.0	10
13	Itaconic acid: an effective sorbent for removal of pollutants from dye industry effluents. <i>Current Opinion in Environmental Science and Health</i> , 2019, 12, 6-17.	4.1	41
14	Recent advances in microbial production of malic acid from renewable byproducts. <i>Reviews in Environmental Science and Biotechnology</i> , 2019, 18, 579-595.	8.1	29
15	Biodiesel production from microalgae <i>Nannochloropsis oculata</i> using heterogeneous Poly Ethylene Glycol (PEG) encapsulated ZnOMn ²⁺ nanocatalyst. <i>Bioresource Technology</i> , 2019, 282, 348-352.	9.6	65
16	Improved itaconic acid production by <i>Aspergillus niveus</i> using blended algal biomass hydrolysate and glycerol as substrates. <i>Bioresource Technology</i> , 2019, 283, 297-302.	9.6	25
17	Process optimization and kinetic analysis of malic acid production from crude glycerol using <i>Aspergillus niger</i> . <i>Bioresource Technology</i> , 2019, 281, 18-25.	9.6	42
18	Degradation of hydrocarbon by isolated fungal species with laccase activity. <i>Journal of Environmental Biology</i> , 2019, 40, 796-801.	0.5	2

#	ARTICLE	IF	CITATIONS
19	Production of antimicrobial adhesives. <i>Journal of Environmental Biology</i> , 2019, 40, 812-816.	0.5	1
20	Malic acid production by chemically induced <i>Aspergillus niger</i> MTCC 281 mutant from crude glycerol. <i>Bioresource Technology</i> , 2018, 251, 264-267.	9.6	38
21	Phytoremediation Techniques for the Removal of Dye in Wastewater. <i>Energy, Environment, and Sustainability</i> , 2018, , 243-252.	1.0	16
22	Identification of anti-fungal compounds in fresh water crab (<i>Spiralothelphusa</i> sp.) burrow soil. <i>Biocatalysis and Agricultural Biotechnology</i> , 2018, 16, 579-585.	3.1	0
23	Malic acid production from biodiesel derived crude glycerol using morphologically controlled <i>Aspergillus niger</i> in batch fermentation. <i>Bioresource Technology</i> , 2018, 269, 393-399.	9.6	42
24	Synthesis of itaconic acid from agricultural waste using novel <i>Aspergillus niveus</i> . <i>Preparative Biochemistry and Biotechnology</i> , 2018, 48, 605-609.	1.9	13
25	Standardization of non-edible <i>Pongamia pinnata</i> oil methyl ester conversion using hydroxyl content and GC-MS analysis. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014, 45, 1485-1489.	5.3	21
26	Fabrication, characterization and application of pectin degrading Fe ₃ O ₄ -SiO ₂ nanobiocatalyst. <i>Materials Science and Engineering C</i> , 2013, 33, 2273-2279.	7.3	57