

Anshu Shankar Mathur

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Cellulosic ethanol production via consolidated bioprocessing by a novel thermophilic anaerobic bacterium isolated from a Himalayan hot spring. <i>Biotechnology for Biofuels</i> , 2017, 10, 73.	6.2	58
2	Enhanced cellulosic ethanol production via consolidated bioprocessing by <i>Clostridium thermocellum</i> ATCC 31924. <i>Bioresource Technology</i> , 2018, 250, 860-867.	9.6	47
3	Enhanced lipid production in thermo-tolerant mutants of <i>Chlorella pyrenoidosa</i> NCIM 2738. <i>Bioresource Technology</i> , 2016, 221, 576-587.	9.6	31
4	Biomass and lipid production of a novel freshwater thermo-tolerant mutant strain of <i>Chlorella pyrenoidosa</i> NCIM 2738 in seawater salinity recycled medium. <i>Algal Research</i> , 2018, 36, 88-95.	4.6	19
5	Continuous non-destructive hydrocarbon extraction from <i>Botryococcus braunii</i> BOT-22. <i>Algal Research</i> , 2019, 41, 101537.	4.6	19
6	Bioethanol production from pretreated whole slurry rice straw by thermophilic co-culture. <i>Fuel</i> , 2021, 301, 121074.	6.4	15
7	Bioethanol production potential of a novel thermophilic isolate <i>Thermoanaerobacter</i> sp. DBT-IOC-X2 isolated from Chumathang hot spring. <i>Biomass and Bioenergy</i> , 2018, 116, 122-130.	5.7	14
8	Bioethanol production by a xylan fermenting thermophilic isolate <i>Clostridium</i> strain DBT-IOC-DC21. <i>Anaerobe</i> , 2018, 51, 89-98.	2.1	9
9	Morphologically favorable mutant of <i>Trichoderma reesei</i> for low viscosity cellulase production. <i>Biotechnology and Bioengineering</i> , 2022, 119, 2167-2181.	3.3	8
10	Development of continuous cultivation process for oil production through bioconversion of minimally treated waste streams from second generation bioethanol production. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 3018-3027.	3.2	2
11	Synergistic integration of wastewaters from second generation ethanol plant for algal biofuel production: an industrially relevant option. <i>3 Biotech</i> , 2022, 12, 34.	2.2	2