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IIT (ISM) DHANBAD

Bioinformatics

climate change. carbon sequestration

Algae

Bioharvesting

Molecular taxanomy

	All	Since 2015
Citations	558	517
h-index	12	12
i10-index	13	12

TITLE	CITED BY	YEAR
<p>Study of algal biomass harvesting using cationic guar gum from the natural plant source as flocculant</p> <p>C Banerjee, S Ghosh, G Sen, S Mishra, P Shukla, R Bandopadhyay Carbohydrate polymers 92 (1), 675-681</p>	94	2013
<p>Recent developments in synthetic biology and metabolic engineering in microalgae towards biofuel production</p> <p>S Jagadevan, A Banerjee, C Banerjee, C Guria, R Tiwari, M Baweja, ... Biotechnology for biofuels 11 (1), 185</p>	76	2018
<p>Metabolic engineering of microalgal based biofuel production: prospects and challenges</p> <p>C Banerjee, KK Dubey, P Shukla Frontiers in microbiology 7, 432</p>	59	2016
<p>Study of polyacrylamide grafted starch based algal flocculation towards applications in algal biomass harvesting</p> <p>C Banerjee, P Gupta, S Mishra, G Sen, P Shukla, R Bandopadhyay International journal of biological macromolecules 51 (4), 456-461</p>	55	2012
<p>Study of algal biomass harvesting through cationic cassia gum, a natural plant based biopolymer</p> <p>C Banerjee, S Ghosh, G Sen, S Mishra, P Shukla, R Bandopadhyay Bioresource technology 151, 6-11</p>	41	2014
<p>Microalgal bioengineering for sustainable energy development: recent transgenesis and metabolic engineering strategies</p> <p>C Banerjee, PK Singh, P Shukla Biotechnology Journal 11 (3), 303-314</p>	37	2016
<p>Improvements in algal lipid production: a systems biology and gene editing approach</p> <p>A Banerjee, C Banerjee, S Negi, JS Chang, P Shukla Critical Reviews in Biotechnology 38 (3), 369-385</p>	36	2018
<p>Metabolic pathways for lipid synthesis under nitrogen stress in Chlamydomonas and Nannochloropsis</p> <p>A Banerjee, SK Maiti, C Guria, C Banerjee Biotechnology letters 39 (1), 1-11</p>	26	2017
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<p>Novel nanocomposite derived from ZnO/CdS QDs embedded crosslinked chitosan: An efficient photocatalyst and effective antibacterial agent</p> <p>L Midya, AS Patra, C Banerjee, AB Panda, S Pal Journal of hazardous materials 369, 398-407</p>	21	2019
<p>A novel non-starch based cationic polymer as flocculant for harvesting microalgae</p> <p>N Kumar, C Banerjee, N Kumar, S Jagadevan Bioresource technology 271, 383-390</p>	19	2019

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Proteomic approaches in microalgae: perspectives and applications V Anand, PK Singh, C Banerjee, P Shukla 3 Biotech 7 (3), 197	12	2017
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