

# Kaumeel Chokshi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9501964/publications.pdf>

Version: 2024-02-01

28  
papers

2,260  
citations

331259

21  
h-index

552369

26  
g-index

28  
all docs

28  
docs citations

28  
times ranked

2346  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrogen stress triggered biochemical and morphological changes in the microalgae <i>Scenedesmus</i> sp. CCNM 1077. <i>Bioresource Technology</i> , 2014, 156, 146-154.	4.8	363
2	Salinity induced oxidative stress enhanced biofuel production potential of microalgae <i>Scenedesmus</i> sp. CCNM 1077. <i>Bioresource Technology</i> , 2015, 189, 341-348.	4.8	264
3	Effects of different media composition, light intensity and photoperiod on morphology and physiology of freshwater microalgae <i>Ankistrodesmus falcatus</i> "A potential strain for bio-fuel production. <i>Bioresource Technology</i> , 2014, 171, 367-374.	4.8	208
4	Nitrogen starvation-induced cellular crosstalk of ROS-scavenging antioxidants and phytohormone enhanced the biofuel potential of green microalga <i>Acutodesmus dimorphus</i> . <i>Biotechnology for Biofuels</i> , 2017, 10, 60.	6.2	157
5	Microalgal biomass generation by phycoremediation of dairy industry wastewater: An integrated approach towards sustainable biofuel production. <i>Bioresource Technology</i> , 2016, 221, 455-460.	4.8	144
6	Biofuel potential of the newly isolated microalgae <i>Acutodesmus dimorphus</i> under temperature induced oxidative stress conditions. <i>Bioresource Technology</i> , 2015, 180, 162-171.	4.8	132
7	Salinity induced oxidative stress alters the physiological responses and improves the biofuel potential of green microalgae <i>Acutodesmus dimorphus</i> . <i>Bioresource Technology</i> , 2017, 244, 1376-1383.	4.8	122
8	Bicarbonate supplementation enhanced biofuel production potential as well as nutritional stress mitigation in the microalgae <i>Scenedesmus</i> sp. CCNM 1077. <i>Bioresource Technology</i> , 2015, 193, 315-323.	4.8	96
9	Green synthesis, characterization and antioxidant potential of silver nanoparticles biosynthesized from de-oiled biomass of thermotolerant oleaginous microalgae <i>Acutodesmus dimorphus</i> . <i>RSC Advances</i> , 2016, 6, 72269-72274.	1.7	81
10	Applications of de-oiled microalgal biomass towards development of sustainable biorefinery. <i>Bioresource Technology</i> , 2016, 214, 787-796.	4.8	77
11	Selective carotenoid accumulation by varying nutrient media and salinity in <i>Synechocystis</i> sp. CCNM 2501. <i>Bioresource Technology</i> , 2015, 197, 363-368.	4.8	67
12	Microalgal carotenoids: Potential nutraceutical compounds with chemotaxonomic importance. <i>Algal Research</i> , 2016, 15, 24-31.	2.4	66
13	Biosorption of Methylene Blue by De-Oiled Algal Biomass: Equilibrium, Kinetics and Artificial Neural Network Modelling. <i>PLoS ONE</i> , 2014, 9, e109545.	1.1	60
14	Enhanced biofuel production potential with nutritional stress amelioration through optimization of carbon source and light intensity in <i>Scenedesmus</i> sp. CCNM 1077. <i>Bioresource Technology</i> , 2015, 179, 565-572.	4.8	59
15	Comparative evaluation of chemical and enzymatic saccharification of mixotrophically grown de-oiled microalgal biomass for reducing sugar production. <i>Bioresource Technology</i> , 2016, 204, 9-16.	4.8	53
16	Accelerated triacylglycerol production without growth inhibition by overexpression of a glycerol-3-phosphate acyltransferase in the unicellular red alga <i>Cyanidioschyzon merolae</i> . <i>Scientific Reports</i> , 2018, 8, 12410.	1.6	51
17	Lipid Extracted Microalgal Biomass Residue as a Fertilizer Substitute for <i>Zea mays</i> L.. <i>Frontiers in Plant Science</i> , 2015, 6, 1266.	1.7	49
18	Surface-Active Ionic Liquid Cholinium Dodecylbenzenesulfonate: Self-Assembling Behavior and Interaction with Cellulase. <i>ACS Omega</i> , 2017, 2, 7451-7460.	1.6	40

#	ARTICLE	IF	CITATIONS
19	Hydrolysate of lipid extracted microalgal biomass residue: An algal growth promoter and enhancer. <i>Bioresource Technology</i> , 2016, 207, 197-204.	4.8	36
20	Solar driven mass cultivation and the extraction of lipids from <i>Chlorella variabilis</i> : A case study. <i>Algal Research</i> , 2016, 14, 137-142.	2.4	30
21	Cyanobacterial Pigments as Natural Anti-Hyperglycemic Agents: An In vitro Study. <i>Frontiers in Marine Science</i> , 2016, 3, .	1.2	27
22	Growth medium standardization and thermotolerance study of the freshwater microalga <i>Acutodesmus dimorphus</i> a potential strain for biofuel production. <i>Journal of Applied Phycology</i> , 2016, 28, 2687-2696.	1.5	18
23	Dominance of cyanobacterial and cryptophytic assemblage correlated to CDOM at heavy metal contamination sites of Gujarat, India. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 4118.	1.3	17
24	Physiological responses of the green microalga <i>Acutodesmus dimorphus</i> to temperature induced oxidative stress conditions. <i>Physiologia Plantarum</i> , 2020, 170, 462-473.	2.6	14
25	Microalgal Target of Rapamycin (TOR): A Central Regulatory Hub for Growth, Stress Response and Biomass Production. <i>Plant and Cell Physiology</i> , 2020, 61, 675-684.	1.5	11
26	Industrial Wastewater-Based Microalgal Biorefinery: A Dual Strategy to Remediate Waste and Produce Microalgal Bioproducts. , 2019, , 173-193.		10
27	Seaweed-based biostimulant improves photosynthesis and effectively enhances growth and biofuel potential of a green microalga <i>Chlorella variabilis</i> . <i>Aquaculture International</i> , 2021, 29, 963-975.	1.1	6
28	Oxidative Stress-Induced Bioprospecting of Microalgae. , 2017, , 251-276.		2