

# Ravi Singh Bgahel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8251561/publications.pdf>

Version: 2024-02-01

14  
papers

915  
citations

759055

12  
h-index

1058333

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1104  
citing authors

#	ARTICLE	IF	CITATIONS
1	Selenium and spermine alleviate cadmium induced toxicity in the red seaweed <i>Gracilaria dura</i> by regulating antioxidants and DNA methylation. <i>Plant Physiology and Biochemistry</i> , 2012, 51, 129-138.	2.8	225
2	Biorefining of marine macroalgal biomass for production of biofuel and commodity chemicals. <i>Green Chemistry</i> , 2015, 17, 2436-2443.	4.6	149
3	An integrated process for the extraction of fuel and chemicals from marine macroalgal biomass. <i>Scientific Reports</i> , 2016, 6, 30728.	1.6	81
4	Integration of protein extraction with a stream of byproducts from marine macroalgae: A model forms the basis for marine bioeconomy. <i>Bioresource Technology</i> , 2017, 243, 867-873.	4.8	70
5	Seaweed-based cellulose: Applications, and future perspectives. <i>Carbohydrate Polymers</i> , 2021, 267, 118241.	5.1	59
6	Effect of quorum sensing signals produced by seaweed-associated bacteria on carpospore liberation from <i>Gracilaria dura</i> . <i>Frontiers in Plant Science</i> , 2015, 6, 117.	1.7	58
7	Role of bacterial isolates in enhancing the bud induction in the industrially important red alga <i>Gracilaria dura</i> . <i>FEMS Microbiology Ecology</i> , 2011, 76, 381-392.	1.3	48
8	Characterization of agarophytic seaweeds from the biorefinery context. <i>Bioresource Technology</i> , 2014, 159, 280-285.	4.8	46
9	Growth, pigments, and biochemical composition of marine red alga <i>Gracilaria crassa</i> . <i>Journal of Applied Phycology</i> , 2014, 26, 2143-2150.	1.5	43
10	Seaweed biorefinery: A sustainable process for valorising the biomass of brown seaweed. <i>Journal of Cleaner Production</i> , 2020, 263, 121359.	4.6	42
11	A simple process for recovery of a stream of products from marine macroalgal biomass. <i>Bioresource Technology</i> , 2016, 203, 160-165.	4.8	41
12	Growth and agarose characteristics of isomorphic gametophyte (male and female) and sporophyte of <i>Gracilaria dura</i> and their marker assisted selection. <i>Aquaculture</i> , 2011, 318, 389-396.	1.7	24
13	Seaweed Metabolomics. <i>Advances in Botanical Research</i> , 2014, 71, 31-52.	0.5	13
14	Genetic analysis and marker assisted identification of life phases of red alga <i>Gracilaria corticata</i> (J.) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	1.0	10