

# Javier A Gimpel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6545291/publications.pdf>

Version: 2024-02-01

13  
papers

1,351  
citations

840776

11  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

1887  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biofuels from algae: challenges and potential. <i>Biofuels</i> , 2010, 1, 763-784.	2.4	644
2	Advances in microalgae engineering and synthetic biology applications for biofuel production. <i>Current Opinion in Chemical Biology</i> , 2013, 17, 489-495.	6.1	169
3	In Metabolic Engineering of Eukaryotic Microalgae: Potential and Challenges Come with Great Diversity. <i>Frontiers in Microbiology</i> , 2015, 6, 1376.	3.5	148
4	Over-accumulation of astaxanthin in <i>Haematococcus pluvialis</i> through chloroplast genetic engineering. <i>Algal Research</i> , 2018, 31, 291-297.	4.6	91
5	Production of recombinant proteins in microalgae at pilot greenhouse scale. <i>Biotechnology and Bioengineering</i> , 2015, 112, 339-345.	3.3	69
6	CHLOROPLAST GENETIC TOOL FOR THE GREEN MICROALGAE <i>HAEMATOCOCCUS PLUVIALIS</i> (CHLOROPHYCEAE, VOLVOCALES). <i>Journal of Phycology</i> , 2012, 48, 976-983.	2.3	55
7	The role of alginate lyases in the enzymatic saccharification of brown macroalgae, <i>Macrocystis pyrifera</i> and <i>Saccharina latissima</i> . <i>Algal Research</i> , 2017, 26, 287-293.	4.6	42
8	Engineered Photosystem II Reaction Centers Optimize Photochemistry versus Photoprotection at Different Solar Intensities. <i>Journal of the American Chemical Society</i> , 2014, 136, 4048-4055.	13.7	36
9	Natural Variants of Photosystem II Subunit D1 Tune Photochemical Fitness to Solar Intensity *. <i>Journal of Biological Chemistry</i> , 2013, 288, 5451-5462.	3.4	35
10	Analysis of heterologous regulatory and coding regions in algal chloroplasts. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 4499-4510.	3.6	25
11	Refactoring the Six-Gene Photosystem II Core in the Chloroplast of the Green Algae <i>Chlamydomonas reinhardtii</i> . <i>ACS Synthetic Biology</i> , 2016, 5, 589-596.	3.8	20
12	Genetic Engineering to Improve Algal Biofuels Production. , 2013, , 99-113.		10
13	Natural isoforms of the Photosystem II D1 subunit differ in photoassembly efficiency of the water-oxidizing complex. <i>Photosynthesis Research</i> , 2016, 128, 141-150.	2.9	4