# Javier A Gimpel

List of Publications by Year
in descending order



| 13 | 1,351 | 840776 11 | 1199594 12 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 14 | 14 | 14 | 1887 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

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