

# Jacob J Valenzuela

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3506328/publications.pdf>

Version: 2024-02-01

10  
papers

626  
citations

1163117

8  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

1089  
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential role of multiple carbon fixation pathways during lipid accumulation in <i>Phaeodactylum tricornutum</i> . <i>Biotechnology for Biofuels</i> , 2012, 5, 40.	6.2	185
2	Something Old, Something New, Something Borrowed; How the Thermoacidophilic Archaeon <i>Sulfolobus solfataricus</i> Responds to Oxidative Stress. <i>PLoS ONE</i> , 2009, 4, e6964.	2.5	70
3	A refined genome-scale reconstruction of <i>Chlamydomonas</i> metabolism provides a platform for systems-level analyses. <i>Plant Journal</i> , 2015, 84, 1239-1256.	5.7	70
4	Nutrient resupplementation arrests bio-oil accumulation in <i>Phaeodactylum tricornutum</i> . <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 7049-7059.	3.6	68
5	Contrasting heat stress response patterns of coral holobionts across the Red Sea suggest distinct mechanisms of thermal tolerance. <i>Molecular Ecology</i> , 2021, 30, 4466-4480.	3.9	68
6	Transcriptional program for nitrogen starvation-induced lipid accumulation in <i>Chlamydomonas reinhardtii</i> . <i>Biotechnology for Biofuels</i> , 2015, 8, 207.	6.2	60
7	Proteomics of hyposaline stress in blue mussel congeners (genus <i>Mytilus</i> ): implications for biogeographic range limits in response to climate change. <i>Journal of Experimental Biology</i> , 2012, 215, 3905-16.	1.7	54
8	Ocean acidification conditions increase resilience of marine diatoms. <i>Nature Communications</i> , 2018, 9, 2328.	12.8	38
9	Synergistic epistasis enhances the co-operativity of mutualistic interspecies interactions. <i>ISME Journal</i> , 2021, 15, 2233-2247.	9.8	6
10	Diel Transcriptional Oscillations of a Plastid Antiporter Reflect Increased Resilience of <i>Thalassiosira pseudonana</i> in Elevated CO <sub>2</sub> . <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	4