

# Xi Jiang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3266881/publications.pdf>

Version: 2024-02-01

8  
papers

189  
citations

1478280  
6  
h-index

1588896  
8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

144  
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional Nitrogenase Cofactor Maturase NifB in Mitochondria and Chloroplasts of <i>Nicotiana benthamiana</i> . <i>MBio</i> , 2022, 13, .	1.8	8
2	A colorimetric method to measure in vitro nitrogenase functionality for engineering nitrogen fixation. <i>Scientific Reports</i> , 2022, 12, .	1.6	6
3	Exploiting genetic diversity and gene synthesis to identify superior nitrogenase NifH protein variants to engineer N <sub>2</sub> -fixation in plants. <i>Communications Biology</i> , 2021, 4, 4.	2.0	33
4	Analysis of Nitrogenase Fe Protein Activity in Transplastomic Tobacco. <i>Frontiers in Agronomy</i> , 2021, 3, .	1.5	3
5	Recognition motifs rather than phylogenetic origin influence the ability of targeting peptides to import nuclear-encoded recombinant proteins into rice mitochondria. <i>Transgenic Research</i> , 2020, 29, 37-52.	1.3	16
6	Use of synthetic biology tools to optimize the production of active nitrogenase Fe protein in chloroplasts of tobacco leaf cells. <i>Plant Biotechnology Journal</i> , 2020, 18, 1882-1896.	4.1	39
7	Biosynthesis of the nitrogenase active-site cofactor precursor NifB-co in <i>Saccharomyces cerevisiae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 25078-25086.	3.3	36
8	Purification and In Vitro Activity of Mitochondria Targeted Nitrogenase Cofactor Maturase NifB. <i>Frontiers in Plant Science</i> , 2017, 8, 1567.	1.7	47