

Weronika Patena

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6409304/publications.pdf>

Version: 2024-02-01

13
papers

1,570
citations

759233

12
h-index

1199594

12
g-index

18
all docs

18
docs citations

18
times ranked

2260
citing authors

#	ARTICLE	IF	CITATIONS
1	An Indexed, Mapped Mutant Library Enables Reverse Genetics Studies of Biological Processes in <i>Chlamydomonas reinhardtii</i> . <i>Plant Cell</i> , 2016, 28, 367-387.	6.6	336
2	A Spatial Interactome Reveals the Protein Organization of the Algal CO ₂ -Concentrating Mechanism. <i>Cell</i> , 2017, 171, 133-147.e14.	28.9	245
3	A genome-wide algal mutant library and functional screen identifies genes required for eukaryotic photosynthesis. <i>Nature Genetics</i> , 2019, 51, 627-635.	21.4	234
4	High-Throughput Genotyping of Green Algal Mutants Reveals Random Distribution of Mutagenic Insertion Sites and Endonucleolytic Cleavage of Transforming DNA. <i>Plant Cell</i> , 2014, 26, 1398-1409.	6.6	192
5	A high-coverage shRNA screen identifies TMEM129 as an E3 ligase involved in ER-associated protein degradation. <i>Nature Communications</i> , 2014, 5, 3832.	12.8	113
6	Rapid creation and quantitative monitoring of high coverage shRNA libraries. <i>Nature Methods</i> , 2009, 6, 443-445.	19.0	92
7	Systematic Identification of Barriers to Human iPSC Generation. <i>Cell</i> , 2014, 158, 449-461.	28.9	86
8	The structural basis of Rubisco phase separation in the pyrenoid. <i>Nature Plants</i> , 2020, 6, 1480-1490.	9.3	68
9	A Rubisco-binding protein is required for normal pyrenoid number and starch sheath morphology in <i>Chlamydomonas reinhardtii</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 18445-18454.	7.1	60
10	Assembly of the algal CO ₂ -fixing organelle, the pyrenoid, is guided by a Rubisco-binding motif. <i>Science Advances</i> , 2020, 6, .	10.3	55
11	Systematic characterization of gene function in the photosynthetic alga <i>Chlamydomonas reinhardtii</i> . <i>Nature Genetics</i> , 2022, 54, 705-714.	21.4	42
12	Widespread RNA 5'-end oligouridylation in mammals. <i>Rna</i> , 2012, 18, 394-401.	3.5	30
13	A Genome-Wide, Mapped Algal Mutant Library Enables High-Throughput Genetic Studies in a Photosynthetic Eukaryote. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0