

# Lauriebeth Leonelli

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11989106/publications.pdf>

Version: 2024-02-01

15  
papers

3,920  
citations

623734

14  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

5647  
citing authors

#	ARTICLE	IF	CITATIONS
1	Histone hypercitrullination mediates chromatin decondensation and neutrophil extracellular trap formation. <i>Journal of Cell Biology</i> , 2009, 184, 205-213.	5.2	1,230
2	Improving photosynthesis and crop productivity by accelerating recovery from photoprotection. <i>Science</i> , 2016, 354, 857-861.	12.6	975
3	Human PAD4 Regulates Histone Arginine Methylation Levels via Demethyliminination. <i>Science</i> , 2004, 306, 279-283.	12.6	907
4	Photosystem II Subunit S overexpression increases the efficiency of water use in a field-grown crop. <i>Nature Communications</i> , 2018, 9, 868.	12.8	181
5	Recognition of the <i>Hyaloperonospora parasitica</i> effector ATR13 triggers resistance against oomycete, bacterial, and viral pathogens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1091-1096.	7.1	128
6	An evaluation of new and established methods to determine Tâ€DNA copy number and homozygosity in transgenic plants.. <i>Plant, Cell and Environment</i> , 2016, 39, 908-917.	5.7	77
7	Regulation and Levels of the Thylakoid K <sup>+</sup> /H <sup>+</sup> Antiporter KEA3 Shape the Dynamic Response of Photosynthesis in Fluctuating Light. <i>Plant and Cell Physiology</i> , 2016, 57, pcw085.	3.1	70
8	Into the Shadows and Back into Sunlight: Photosynthesis in Fluctuating Light. <i>Annual Review of Plant Biology</i> , 2022, 73, 617-648.	18.7	66
9	Structural Elucidation and Functional Characterization of the <i>Hyaloperonospora arabidopsidis</i> Effector Protein ATR13. <i>PLoS Pathogens</i> , 2011, 7, e1002428.	4.7	65
10	Global Analysis of Arabidopsis/Downy Mildew Interactions Reveals Prevalence of Incomplete Resistance and Rapid Evolution of Pathogen Recognition. <i>PLoS ONE</i> , 2011, 6, e28765.	2.5	53
11	Evolution of an atypical de-epoxidase for photoprotection in the green lineage. <i>Nature Plants</i> , 2016, 2, 16140.	9.3	50
12	Dissecting and modeling zeaxanthin- and lutein-dependent nonphotochemical quenching in <i>Arabidopsis thaliana</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E7009-E7017.	7.1	46
13	Transient expression in <i>Nicotiana benthamiana</i> for rapid functional analysis of genes involved in nonâ€photochemical quenching and carotenoid biosynthesis. <i>Plant Journal</i> , 2016, 88, 375-386.	5.7	34
14	Engineering the lutein epoxide cycle into <i>Arabidopsis thaliana</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E7002-E7008.	7.1	34
15	Histone hypercitrullination mediates chromatin decondensation and neutrophil extracellular trap formation. <i>Journal of Experimental Medicine</i> , 2009, 206, i1-i1.	8.5	4