

# Nicole Gruenheit

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8639599/publications.pdf>

Version: 2024-02-01

20  
papers

1,013  
citations

567281

15  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1587  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genes of Cyanobacterial Origin in Plant Nuclear Genomes Point to a Heterocyst-Forming Plastid Ancestor. <i>Molecular Biology and Evolution</i> , 2008, 25, 748-761.	8.9	197
2	Mutational Decay and Age of Chloroplast and Mitochondrial Genomes Transferred Recently to Angiosperm Nuclear Chromosomes. <i>Plant Physiology</i> , 2005, 138, 1723-1733.	4.8	144
3	Chloroplast genome phylogenetics: why we need independent approaches to plant molecular evolution. <i>Trends in Plant Science</i> , 2005, 10, 203-209.	8.8	102
4	Hybridization may facilitate in situ survival of endemic species through periods of climate change. <i>Nature Climate Change</i> , 2013, 3, 1039-1043.	18.8	94
5	ERAD Components in Organisms with Complex Red Plastids Suggest Recruitment of a Preexisting Protein Transport Pathway for the Periplastid Membrane. <i>Genome Biology and Evolution</i> , 2011, 3, 140-150.	2.5	59
6	Cutoffs and k-mers: implications from a transcriptome study in allopolyploid plants. <i>BMC Genomics</i> , 2012, 13, 92.	2.8	52
7	Evolutionary Transcriptomics and Proteomics: Insight into Plant Adaptation. <i>Trends in Plant Science</i> , 2017, 22, 462-471.	8.8	51
8	Calcium-dependent regulation of Rab activation and vesicle fusion by an intracellular P2X ion channel. <i>Nature Cell Biology</i> , 2014, 16, 87-98.	10.3	48
9	A polychromatic "greenbeard" locus determines patterns of cooperation in a social amoeba. <i>Nature Communications</i> , 2017, 8, 14171.	12.8	44
10	Fitness Trade-offs Result in the Illusion of Social Success. <i>Current Biology</i> , 2015, 25, 1086-1090.	3.9	41
11	Making new out of old: Recycling and modification of an ancient protein translocation system during eukaryotic evolution. <i>BioEssays</i> , 2011, 33, 368-376.	2.5	33
12	Difficulties in Testing for Covariation-Like Properties of Sequences under the Confounding Influence of Changing Proportions of Variable Sites. <i>Molecular Biology and Evolution</i> , 2008, 25, 1512-1520.	8.9	29
13	Cell Cycle Heterogeneity Can Generate Robust Cell Type Proportioning. <i>Developmental Cell</i> , 2018, 47, 494-508.e4.	7.0	28
14	Evolution of spliceosomal introns following endosymbiotic gene transfer. <i>BMC Evolutionary Biology</i> , 2010, 10, 57.	3.2	23
15	Conditional expression explains molecular evolution of social genes in a microbe. <i>Nature Communications</i> , 2019, 10, 3284.	12.8	19
16	Complementation of a phycocyanin-bilin lyase from <i>Synechocystis</i> sp. PCC 6803 with a nucleomorph-encoded open reading frame from the cryptophyte <i>Guillardia theta</i> . <i>BMC Plant Biology</i> , 2008, 8, 56.	3.6	17
17	Mutant resources for functional genomics in <i>Dictyostelium discoideum</i> using REMI-seq technology. <i>BMC Biology</i> , 2021, 19, 172.	3.8	15
18	A DNA-based diagnostic for differentiating among New Zealand endemic <i>Podocarpus</i> . <i>Tree Genetics and Genomes</i> , 2015, 11, 1.	1.6	7

#	ARTICLE	IF	CITATIONS
19	Chips and tags suggest plant-environment interactions differ for two alpine Pachycladon species. BMC Genomics, 2012, 13, 322.	2.8	5
20	The genetic architecture underlying prey-dependent performance in a microbial predator. Nature Communications, 2022, 13, 319.	12.8	4