

# Nicholas O'toole

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11939413/publications.pdf>

Version: 2024-02-01

11  
papers

972  
citations

1040056

9  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

1555  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Expansion of the Pentatricopeptide Repeat Gene Family in Plants. <i>Molecular Biology and Evolution</i> , 2008, 25, 1120-1128.	8.9	329
2	Divalent Metal Ions in Plant Mitochondria and Their Role in Interactions with Proteins and Oxidative Stress-Induced Damage to Respiratory Function. <i>Plant Physiology</i> , 2010, 152, 747-761.	4.8	211
3	Novel Proteins, Putative Membrane Transporters, and an Integrated Metabolic Network Are Revealed by Quantitative Proteomic Analysis of Arabidopsis Cell Culture Peroxisomes A. <i>Plant Physiology</i> , 2008, 148, 1809-1829.	4.8	169
4	Heterogeneity of the Mitochondrial Proteome for Photosynthetic and Non-photosynthetic Arabidopsis Metabolism. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 1297-1316.	3.8	104
5	Combining proteomics of root and shoot mitochondria and transcript analysis to define constitutive and variable components in plant mitochondria. <i>Phytochemistry</i> , 2011, 72, 1092-1108.	2.9	51
6	The structural genomics experimental pipeline: Insights from global target lists. <i>Proteins: Structure, Function and Bioinformatics</i> , 2004, 56, 201-210.	2.6	36
7	Crystal structure of a trimeric form of dephosphocoenzyme A kinase from Escherichia coli. <i>Protein Science</i> , 2003, 12, 327-336.	7.6	31
8	Large-scale characteristics of the energy landscape in protein-protein interactions. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 71, 144-152.	2.6	20
9	Coverage of protein sequence space by current structural genomics targets. <i>Journal of Structural and Functional Genomics</i> , 2003, 4, 47-55.	1.2	13
10	LARGE-SCALE STRUCTURAL MODELING OF PROTEIN COMPLEXES AT LOW RESOLUTION. <i>Journal of Bioinformatics and Computational Biology</i> , 2008, 06, 789-810.	0.8	6
11	The Final Player in the Coenzyme A Biosynthetic Pathway. <i>Structure</i> , 2003, 11, 899-900.	3.3	2