

# Rafael Buono

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5590320/publications.pdf>

Version: 2024-02-01

17  
papers

1,193  
citations

566801

15  
h-index

940134

16  
g-index

18  
all docs

18  
docs citations

18  
times ranked

4052  
citing authors

#	ARTICLE	IF	CITATIONS
1	The ESCRT-Related CHMP1A and B Proteins Mediate Multivesicular Body Sorting of Auxin Carriers in Arabidopsis and Are Required for Plant Development. <i>Plant Cell</i> , 2009, 21, 749-766.	3.1	193
2	CRISPR-TSKO: A Technique for Efficient Mutagenesis in Specific Cell Types, Tissues, or Organs in Arabidopsis. <i>Plant Cell</i> , 2019, 31, 2868-2887.	3.1	171
3	Plant endosomal trafficking pathways. <i>Current Opinion in Plant Biology</i> , 2011, 14, 666-673.	3.5	140
4	The Endosomal Protein CHARGED MULTIVESICULAR BODY PROTEIN1 Regulates the Autophagic Turnover of Plastids in Arabidopsis. <i>Plant Cell</i> , 2015, 27, 391-402.	3.1	112
5	The Root Cap Cuticle: A Cell Wall Structure for Seedling Establishment and Lateral Root Formation. <i>Cell</i> , 2019, 176, 1367-1378.e8.	13.5	103
6	NAC Transcription Factors ANAC087 and ANAC046 Control Distinct Aspects of Programmed Cell Death in the Arabidopsis Columella and Lateral Root Cap. <i>Plant Cell</i> , 2018, 30, 2197-2213.	3.1	96
7	Complex Regulation of Prolyl-4-Hydroxylases Impacts Root Hair Expansion. <i>Molecular Plant</i> , 2015, 8, 734-746.	3.9	70
8	Role of SKD1 Regulators LIP5 and IST1-LIKE1 in Endosomal Sorting and Plant Development. <i>Plant Physiology</i> , 2016, 171, 251-264.	2.3	61
9	Plant proteases during developmental programmed cell death. <i>Journal of Experimental Botany</i> , 2019, 70, 2097-2112.	2.4	52
10	ESCRT-mediated vesicle concatenation in plant endosomes. <i>Journal of Cell Biology</i> , 2017, 216, 2167-2177.	2.3	51
11	A Novel Endosomal Sorting Complex Required for Transport (ESCRT) Component in Arabidopsis thaliana Controls Cell Expansion and Development. <i>Journal of Biological Chemistry</i> , 2014, 289, 4980-4988.	1.6	42
12	ER network homeostasis is critical for plant endosome streaming and endocytosis. <i>Cell Discovery</i> , 2015, 1, 15033.	3.1	39
13	Food bodies in <i>Cissus verticillata</i> (Vitaceae): ontogenesis, structure and functional aspects. <i>Annals of Botany</i> , 2009, 103, 517-524.	1.4	20
14	Anatomy, Ultrastructure and Chemical Composition of Food Bodies of <i>Hovenia dulcis</i> (Rhamnaceae). <i>Annals of Botany</i> , 2008, 101, 1341-1348.	1.4	19
15	Efficient simultaneous mutagenesis of multiple genes in specific plant tissues by multiplex CRISPR. <i>Plant Biotechnology Journal</i> , 2021, 19, 651-653.	4.1	19
16	Protoplast Preparation and Fluorescence-Activated Cell Sorting for the Evaluation of Targeted Mutagenesis in Plant Cells. <i>Methods in Molecular Biology</i> , 2022, 2464, 205-221.	0.4	2
17	ESCRT-Dependent Sorting in Late Endosomes. , 2012, , 249-270.		0