

# Riccardo Di Mambro

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2990639/publications.pdf>

Version: 2024-02-01

19  
papers

1,668  
citations

567281

15  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

2345  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Rate of Cell Differentiation Controls the Arabidopsis Root Meristem Growth Phase. <i>Current Biology</i> , 2010, 20, 1138-1143.	3.9	327
2	Cytokininâ€“auxin crosstalk. <i>Trends in Plant Science</i> , 2009, 14, 557-562.	8.8	295
3	Auxin minimum triggers the developmental switch from cell division to cell differentiation in the <i>Arabidopsis</i> root. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E7641-E7649.	7.1	193
4	Growth and development of the root apical meristem. <i>Current Opinion in Plant Biology</i> , 2012, 15, 17-23.	7.1	183
5	The CHD3 Chromatin Remodeler PICKLE and Polycomb Group Proteins Antagonistically Regulate Meristem Activity in the <i>Arabidopsis</i> Root. <i>Plant Cell</i> , 2011, 23, 1047-1060.	6.6	150
6	Spatial Coordination between Stem Cell Activity and Cell Differentiation in the Root Meristem. <i>Developmental Cell</i> , 2013, 26, 405-415.	7.0	113
7	Acidic cell elongation drives cell differentiation in the <i>Arabidopsis</i> root. <i>EMBO Journal</i> , 2018, 37, .	7.8	75
8	The Lateral Root Cap Acts as an Auxin Sink that Controls Meristem Size. <i>Current Biology</i> , 2019, 29, 1199-1205.e4.	3.9	72
9	A Self-Organized PLT/Auxin/ARR-B Network Controls the Dynamics of Root Zonation Development in <i>Arabidopsis thaliana</i> . <i>Developmental Cell</i> , 2020, 53, 431-443.e23.	7.0	58
10	RETINOBLASTOMA-RELATED Protein Stimulates Cell Differentiation in the <i>Arabidopsis</i> Root Meristem by Interacting with Cytokinin Signaling. <i>Plant Cell</i> , 2013, 25, 4469-4478.	6.6	46
11	Dissecting mechanisms in root growth from the transition zone perspective. <i>Journal of Experimental Botany</i> , 2020, 71, 2390-2396.	4.8	32
12	Cytokinin-Dependent Control of GH3 Group II Family Genes in the Arabidopsis Root. <i>Plants</i> , 2019, 8, 94.	3.5	31
13	Building the differences: a case for the ground tissue patterning in plants. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181746.	2.6	20
14	Patterning the Axes: A Lesson from the Root. <i>Plants</i> , 2019, 8, 8.	3.5	19
15	The calcineurin $\hat{2}$ -like interacting protein kinase CIPK25 regulates potassium homeostasis under low oxygen in <i>Arabidopsis</i> . <i>Journal of Experimental Botany</i> , 2020, 71, 2678-2689.	4.8	19
16	A PHABULOSA-Controlled Genetic Pathway Regulates Ground Tissue Patterning in the Arabidopsis Root. <i>Current Biology</i> , 2021, 31, 420-426.e6.	3.9	19
17	Developmental Analysis of Arabidopsis Root Meristem. <i>Methods in Molecular Biology</i> , 2018, 1761, 33-45.	0.9	8
18	SCARECROW and SHORTROOT control the auxin/cytokinin balance necessary for embryonic stem cell niche specification. <i>Plant Signaling and Behavior</i> , 2018, 13, e1507402.	2.4	6

#	ARTICLE	IF	CITATIONS
19	Root stem cells: how to establish and maintain the eternal youth. <i>Rendiconti Lincei</i> , 2020, 31, 223-230.	2.2	2