

# Raffaele Dello Ioio

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

3,300  
citations

394421

19  
h-index

477307

29  
g-index

31  
all docs

31  
docs citations

31  
times ranked

3585  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytokinin promotes growth cessation in the Arabidopsis root. <i>Current Biology</i> , 2022, 32, 1974-1985.e3.	3.9	20
2	It's Time for a Change: The Role of Gibberellin in Root Meristem Development. <i>Frontiers in Plant Science</i> , 2022, 13, 882517.	3.6	9
3	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
4	A small cog in a large wheel: crucial role of miRNAs in root apical meristem patterning. <i>Journal of Experimental Botany</i> , 2021, 72, 6755-6767.	4.8	8
5	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
6	Root stem cells: how to establish and maintain the eternal youth. <i>Rendiconti Lincei</i> , 2020, 31, 223-230.	2.2	2
7	Plant science's next top models. <i>Annals of Botany</i> , 2020, 126, 1-23.	2.9	34
8	Inhibition of Polycomb Repressive Complex 2 activity reduces trimethylation of H3K27 and affects development in <i>Arabidopsis</i> seedlings. <i>BMC Plant Biology</i> , 2019, 19, 429.	3.6	17
9	Patterning the Axes: A Lesson from the Root. <i>Plants</i> , 2019, 8, 8.	3.5	19
10	Cytokinin-Dependent Control of GH3 Group II Family Genes in the Arabidopsis Root. <i>Plants</i> , 2019, 8, 94.	3.5	31
11	A Growth-Based Framework for Leaf Shape Development and Diversity. <i>Cell</i> , 2019, 177, 1405-1418.e17.	28.9	183
12	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
13	Autoregulation of RCO by Low-Affinity Binding Modulates Cytokinin Action and Shapes Leaf Diversity. <i>Current Biology</i> , 2019, 29, 4183-4192.e6.	3.9	21
14	Meristems, Stem Cells, and Stem Cell Niches in Vascular Land Plants. , 2019, , 107-133.		0
15	Differential spatial distribution of miR165/6 determines variability in plant root anatomy. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	22
16	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
17	Acidic cell elongation drives cell differentiation in the <i>Arabidopsis</i> root. <i>EMBO Journal</i> , 2018, 37, .	7.8	75
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	The <i>Cardamine hirsuta</i> genome offers insight into the evolution of morphological diversity. <i>Nature Plants</i> , 2016, 2, 16167.	9.3	90
20	Alternate wiring of a <i>KNOX1</i> genetic network underlies differences in leaf development of <i>A. thaliana</i> and <i>C. hirsuta</i> . <i>Genes and Development</i> , 2015, 29, 2391-2404.	5.9	68
21	<i>Cardamine hirsuta</i> : a versatile genetic system for comparative studies. <i>Plant Journal</i> , 2014, 78, 1-15.	5.7	78
22	Leaf Shape Evolution Through Duplication, Regulatory Diversification, and Loss of a Homeobox Gene. <i>Science</i> , 2014, 343, 780-783.	12.6	269
23	Spatial Coordination between Stem Cell Activity and Cell Differentiation in the Root Meristem. <i>Developmental Cell</i> , 2013, 26, 405-415.	7.0	113
24	<i>SC3</i> encodes a ribosome-associated protein required for leaflet development in <i>Cardamine hirsuta</i> . <i>Plant Journal</i> , 2013, 73, 533-545.	5.7	26
25	A PHABULOSA/Cytokinin Feedback Loop Controls Root Growth in Arabidopsis. <i>Current Biology</i> , 2012, 22, 1699-1704.	3.9	112
26	The Rate of Cell Differentiation Controls the Arabidopsis Root Meristem Growth Phase. <i>Current Biology</i> , 2010, 20, 1138-1143.	3.9	327
27	A Genetic Framework for the Control of Cell Division and Differentiation in the Root Meristem. <i>Science</i> , 2008, 322, 1380-1384.	12.6	802
28	Emerging role of cytokinin as a regulator of cellular differentiation. <i>Current Opinion in Plant Biology</i> , 2008, 11, 23-27.	7.1	94
29	Cytokinins Determine Arabidopsis Root-Meristem Size by Controlling Cell Differentiation. <i>Current Biology</i> , 2007, 17, 678-682.	3.9	677