Raffaele Dello Ioio

List of Publications by Year
in descending order

29	3,300	394421 19	477307 29
papers	citations	h-index	g-index

31	31	31	3585
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Genetic Framework for the Control of Cell Division and Differentiation in the Root Meristem. Science, 2008, 322, 1380-1384.	12.6	802
2	Cytokinins Determine Arabidopsis Root-Meristem Size by Controlling Cell Differentiation. Current Biology, 2007, 17, 678-682.	3.9	677
3	The Rate of Cell Differentiation Controls the Arabidopsis Root Meristem Growth Phase. Current Biology, 2010, 20, 1138-1143.	3.9	327
4	Leaf Shape Evolution Through Duplication, Regulatory Diversification, and Loss of a Homeobox Gene. Science, 2014, 343, 780-783.	12.6	269
5	A Growth-Based Framework for Leaf Shape Development and Diversity. Cell, 2019, 177, 1405-1418.e17.	28.9	183
6	Spatial Coordination between Stem Cell Activity and Cell Differentiation in the Root Meristem. Developmental Cell, 2013, 26, 405-415.	7.0	113
7	A PHABULOSA/Cytokinin Feedback Loop Controls Root Growth in Arabidopsis. Current Biology, 2012, 22, 1699-1704.	3.9	112
8	Emerging role of cytokinin as a regulator of cellular differentiation. Current Opinion in Plant Biology, 2008, 11, 23-27.	7.1	94
9	The Cardamine hirsuta genome offers insight into the evolution of morphological diversity. Nature Plants, 2016, 2, 16167.	9.3	90
10	Cardamine hirsuta: a versatile genetic system for comparative studies. Plant Journal, 2014, 78, 1-15.	5.7	78
11	Acidic cell elongation drives cell differentiation inÂthe Arabidopsis root. EMBO Journal, 2018, 37, .	7.8	75
12	The Lateral Root Cap Acts as an Auxin Sink that Controls Meristem Size. Current Biology, 2019, 29, 1199-1205.e4.	3.9	72
13	Alternate wiring of a KNOXI genetic network underlies differences in leaf development of A. thaliana and C. hirsuta. Genes and Development, 2015, 29, 2391-2404.	5.9	68
14	A Self-Organized PLT/Auxin/ARR-B Network Controls the Dynamics of Root Zonation Development in Arabidopsis thaliana. Developmental Cell, 2020, 53, 431-443.e23.	7.0	58
15	Plant scienceâ€™s next top models. Annals of Botany, 2020, 126, 1-23.	2.9	34
16	Cytokinin-Dependent Control of GH3 Group II Family Genes in the Arabidopsis Root. Plants, 2019, 8, 94.	3.5	31
17	<scp>SIMPLE LEAF</scp>3 encodes a ribosomeâ€associated protein required for leaflet development in <scp>C</scp>ardamine hirsuta. Plant Journal, 2013, 73, 533-545.	5.7	26
18	Differential spatial distribution of miR165/6 determines variability in plant root anatomy. Development (Cambridge), 2018, 145, .	2.5	22

#	Article	IF	Citations
19	Autoregulation of RCO by Low-Affinity Binding Modulates Cytokinin Action and Shapes Leaf Diversity. Current Biology, 2019, 29, 4183-4192.e6.	3.9	21
20	Building the differences: a case for the ground tissue patterning in plants. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20181746.	2.6	20
21	Cytokinin promotes growth cessation in the Arabidopsis root. Current Biology, 2022, 32, 1974-1985.e3.	3.9	20
22	Patterning the Axes: A Lesson from the Root. Plants, 2019, 8, 8.	3.5	19
23	A PHABULOSA-Controlled Genetic Pathway Regulates Ground Tissue Patterning in the Arabidopsis Root. Current Biology, 2021, 31, 420-426.e6.	3.9	19
24	Inhibition of Polycomb Repressive Complex 2 activity reduces trimethylation of H3K27 and affects development in Arabidopsis seedlings. BMC Plant Biology, 2019, 19, 429.	3.6	17
25	Itâ€™s Time for a Change: The Role of Gibberellin in Root Meristem Development. Frontiers in Plant Science, 2022, 13, 882517.	3.6	9
26	A small cog in a large wheel: crucial role of miRNAs in root apical meristem patterning. Journal of Experimental Botany, 2021, 72, 6755-6767.	4.8	8
27	SCARECROW and SHORTROOT control the auxin/cytokinin balance necessary for embryonic stem cell niche specification. Plant Signaling and Behavior, 2018, 13, e1507402.	2.4	6
28	Root stem cells: how to establish and maintain the eternal youth. Rendiconti Lincei, 2020, 31, 223-230.	2.2	2
29	Meristems, Stem Cells, and Stem Cell Niches in Vascular Land Plants. , 2019, , 107-133.		0