Sabrina Sabatini

List of Publications by Year
in descending order

41 papers	6,541 citations	186265 28 h-index	289244 40 g-index
41 all docs	41 docs citations	41 times ranked	5965 citing authors

#	Article	IF	Citations
1	A PHABULOSA-Controlled Genetic Pathway Regulates Ground Tissue Patterning in the Arabidopsis Root. Current Biology, 2021, 31, 420-426.e6.	3.9	19
2	miR156-targeted SPL10 controls Arabidopsis root meristem activity and root-derived de novo shoot regeneration via cytokinin responses. Journal of Experimental Botany, 2020, 71, 934-950.	4.8	47
3	Arabidopsis primary root growth: let it grow, can't hold it back anymore!. Current Opinion in Plant Biology, 2020, 57, 133-141.	7.1	19
4	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
5	Dissecting mechanisms in root growth from the transition zone perspective. Journal of Experimental Botany, 2020, 71, 2390-2396.	4.8	32
6	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
7	Patterning the Axes: A Lesson from the Root. Plants, 2019, 8, 8.	3.5	19
8	Cytokinin-Dependent Control of GH3 Group II Family Genes in the Arabidopsis Root. Plants, 2019, 8, 94.	3.5	31
9	The Lateral Root Cap Acts as an Auxin Sink that Controls Meristem Size. Current Biology, 2019, 29, 1199-1205.e4.	3.9	72
10	Differential spatial distribution of miR165/6 determines variability in plant root anatomy. Development (Cambridge), 2018, 145, .	2.5	22
11	Developmental Analysis of Arabidopsis Root Meristem. Methods in Molecular Biology, 2018, 1761, 33-45.	0.9	8
12	Acidic cell elongation drives cell differentiation inÂthe Arabidopsis root. EMBO Journal, 2018, 37, .	7.8	75
13	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
14	Auxin minimum triggers the developmental switch from cell division to cell differentiation in the Arabidopsis root. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E7641-E7649.	7.1	193
15	A SCARECROW-based regulatory circuit controls Arabidopsis thaliana meristem size from the root endodermis. Planta, 2016, 243, 1159-1168.	3.2	31
16	Proline affects the size of the root meristematic zone in Arabidopsis. BMC Plant Biology, 2015, 15, 263.	3.6	51
17	Plant hormone cross-talk: the pivot of root growth. Journal of Experimental Botany, 2015, 66, 1113-1121.	4.8	208
18	The COP9 SIGNALOSOME Is Required for Postembryonic Meristem Maintenance in Arabidopsis thaliana. Molecular Plant, 2015, 8, 1623-1634.	8.3	17

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19	Plant and animal stem cells: similar yet different. Nature Reviews Molecular Cell Biology, 2014, 15, 301-312.	37.0	204
20	RETINOBLASTOMA-RELATED Protein Stimulates Cell Differentiation in theArabidopsisRoot Meristem by Interacting with Cytokinin Signaling. Plant Cell, 2013, 25, 4469-4478.	6.6	46
21	Proteomics in Deciphering the Auxin Commitment in the Arabidopsis thaliana Root Growth. Journal of Proteome Research, 2013, 12, 4685-4701.	3.7	8
22	Spatial Coordination between Stem Cell Activity and Cell Differentiation in the Root Meristem. Developmental Cell, 2013, 26, 405-415.	7.0	113
23	Molecular Basis of Cytokinin Action during Root Development. , 2013, , 14-1-14-12.		0
24	Spatiotemporal changes in the role of cytokinin during root development. New Phytologist, 2013, 199, 324-338.	7.3	50
25	A PHABULOSA/Cytokinin Feedback Loop Controls Root Growth in Arabidopsis. Current Biology, 2012, 22, 1699-1704.	3.9	112
26	Growth and development of the root apical meristem. Current Opinion in Plant Biology, 2012, 15, 17-23.	7.1	183
27	Cytokininâ€facilitated proteolysis of ARABIDOPSIS RESPONSE REGULATORâ€ƒ2 attenuates signaling output in twoâ€component circuitry. Plant Journal, 2012, 69, 934-945.	5.7	51
28	The CHD3 Chromatin Remodeler PICKLE and Polycomb Group Proteins Antagonistically Regulate Meristem Activity in the Arabidopsis Root Â. Plant Cell, 2011, 23, 1047-1060.	6.6	150
29	The molecular basis of cytokinin function. Current Opinion in Plant Biology, 2010, 13, 21-26.	7.1	170
30	The Rate of Cell Differentiation Controls the Arabidopsis Root Meristem Growth Phase. Current Biology, 2010, 20, 1138-1143.	3.9	327
31	Analysis of Root Meristem Size Development. Methods in Molecular Biology, 2010, 655, 177-187.	0.9	74
32	The proline biosynthetic genes P5CS1 and P5CS2 play overlapping roles in Arabidopsis flower transition but not in embryo development. Physiologia Plantarum, 2009, 137, 72-85.	5.2	111
33	Cytokininâ€“auxin crosstalk. Trends in Plant Science, 2009, 14, 557-562.	8.8	295
34	A Genetic Framework for the Control of Cell Division and Differentiation in the Root Meristem. Science, 2008, 322, 1380-1384.	12.6	802
35	Emerging role of cytokinin as a regulator of cellular differentiation. Current Opinion in Plant Biology, 2008, 11, 23-27.	7.1	94
36	Cytokinins Determine Arabidopsis Root-Meristem Size by Controlling Cell Differentiation. Current Biology, 2007, 17, 678-682.	3.9	677

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37	SCARECROW is involved in positioning the stem cell niche in the Arabidopsis root meristem. Genes and Development, 2003, 17, 354-358.	5.9	622
38	Inactivation of the Phloem-Specific Dof Zinc Finger GeneDAG1 Affects Response to Light and Integrity of the Testa of Arabidopsis Seeds. Plant Physiology, 2002, 128, 411-417.	4.8	84
39	Identification and disruption of an Arabidopsis zinc finger gene controlling seed germination. Genes and Development, 2000, 14, 28-33.	5.9	132
40	An Auxin-Dependent Distal Organizer of Pattern and Polarity in the Arabidopsis Root. Cell, 1999, 99, 463-472.	28.9	1,233
41	A rolB regulatory factor belongs to a new class of single zinc finger plant proteins. Plant Journal, 1996, 10, 215-223.	5.7	78