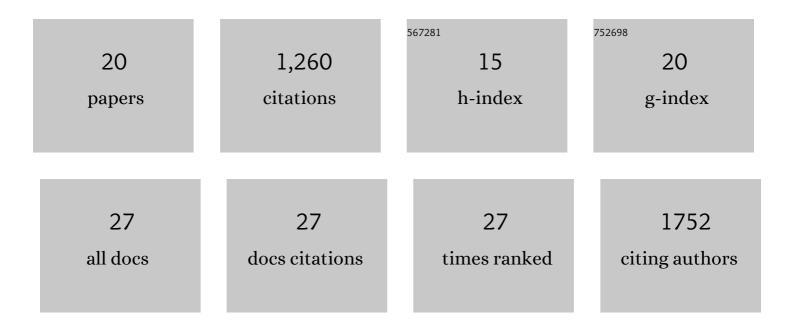
Krzysztof Wabnik

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Cellular requirements for PIN polar cargo clustering in <i>Arabidopsis thaliana</i> . New Phytologist, 2021, 229, 351-369.	7.3	22
2	An auxin-regulable oscillatory circuit drives the root clock in <i>Arabidopsis</i> . Science Advances, 2021, 7, .	10.3	46
3	Synchronization of gene expression across eukaryotic communities through chemical rhythms. Nature Communications, 2021, 12, 4017.	12.8	11
4	Modulation of plant root growth by nitrogen sourceâ€defined regulation of polar auxin transport. EMBO Journal, 2021, 40, e106862.	7.8	60
5	Shaping the Organ: A Biologist Guide to Quantitative Models of Plant Morphogenesis. Frontiers in Plant Science, 2021, 12, 746183.	3.6	7
6	A coupled mechano-biochemical model for cell polarity guided anisotropic root growth. ELife, 2021, 10, .	6.0	8
7	PIN-LIKES Coordinate Brassinosteroid Signaling with Nuclear Auxin Input in Arabidopsis thaliana. Current Biology, 2020, 30, 1579-1588.e6.	3.9	58
8	Cytokinin functions as an asymmetric and anti-gravitropic signal in lateral roots. Nature Communications, 2019, 10, 3540.	12.8	76
9	A Model of Differential Growth-Guided Apical Hook Formation in Plants. Plant Cell, 2016, 28, 2464-2477.	6.6	53
10	Cellular mechanisms for cargo delivery and polarity maintenance at different polar domains in plant cells. Cell Discovery, 2016, 2, 16018.	6.7	54
11	A coherent transcriptional feed-forward motif model for mediating auxin-sensitive PIN3 expression during lateral root development. Nature Communications, 2015, 6, 8821.	12.8	70
12	Cytokinin response factors regulate PIN-FORMED auxin transporters. Nature Communications, 2015, 6, 8717.	12.8	108
13	WOX5–IAA17 Feedback Circuit-Mediated Cellular Auxin Response Is Crucial for the Patterning of Root Stem Cell Niches in Arabidopsis. Molecular Plant, 2014, 7, 277-289.	8.3	125
14	Modeling Framework for the Establishment of the Apical-Basal Embryonic Axis in Plants. Current Biology, 2013, 23, 2513-2518.	3.9	84
15	Systems approaches to study root architecture dynamics. Frontiers in Plant Science, 2013, 4, 537.	3.6	16
16	Feedback models for polarized auxin transport: an emerging trend. Molecular BioSystems, 2011, 7, 2352.	2.9	42
17	Prototype cell-to-cell auxin transport mechanism by intracellular auxin compartmentalization. Trends in Plant Science, 2011, 16, 468-475.	8.8	45
18	Recycling, clustering, and endocytosis jointly maintain PIN auxin carrier polarity at the plasma membrane. Molecular Systems Biology, 2011, 7, 540.	7.2	232

#	Article	IF	CITATIONS
19	Emergence of tissue polarization from synergy of intracellular and extracellular auxin signaling. Molecular Systems Biology, 2010, 6, 447.	7.2	126
20	Gene expression trends and protein features effectively complement each other in gene function prediction. Bioinformatics, 2009, 25, 322-330.	4.1	5