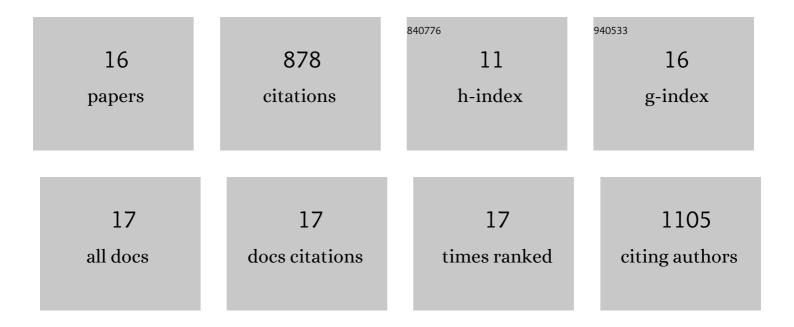
Rachel Wells

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3008370/publications.pdf Version: 2024-02-01



RACHEL WELLS

#	Article	IF	CITATIONS
1	Pangenomics in crop improvement—from coding structural variations to finding regulatory variants with pangenome graphs. Plant Genome, 2022, 15, e20177.	2.8	33
2	Total <i>FLC</i> transcript dynamics from divergent paralogue expression explains flowering diversity in <i>Brassica napus</i> . New Phytologist, 2021, 229, 3534-3548.	7.3	32
3	Validation of a novel associative transcriptomics pipeline in Brassica oleracea: identifying candidates for vernalisation response. BMC Genomics, 2021, 22, 539.	2.8	6
4	Comparative transcriptomics reveals desynchronisation of gene expression during the floral transition between Arabidopsis and <i>Brassica rapa</i> cultivars. Quantitative Plant Biology, 2021, 2, .	2.0	4
5	The oilseed rape developmental expression resource: a resource for the investigation of gene expression dynamics during the floral transition in oilseed rape. BMC Plant Biology, 2020, 20, 344.	3.6	5
6	The potential of the solitary parasitoid <i>Microctonus brassicae</i> for the biological control of the adult cabbage stem flea beetle, <i>Psylliodes chrysocephala</i> . Entomologia Experimentalis Et Applicata, 2020, 168, 360-370.	1.4	9
7	QTLâ€seq identifies <i>BnaFT.A02</i> and <i>BnaFLC.A02</i> as candidates for variation in vernalization requirement and response in winter oilseed rape (<i>Brassica napus</i>). Plant Biotechnology Journal, 2020, 18, 2466-2481.	8.3	35
8	SeedGerm: a costâ€effective phenotyping platform for automated seed imaging and machineâ€learning based phenotypic analysis of crop seed germination. New Phytologist, 2020, 228, 778-793.	7.3	62
9	Variation in Expression of the HECT E3 Ligase <i>UPL3</i> Modulates LEC2 Levels, Seed Size, and Crop Yields in <i>Brassica napus</i> . Plant Cell, 2019, 31, 2370-2385.	6.6	38
10	The power of model-to-crop translation illustrated by reducing seed loss from pod shatter in oilseed rape. Plant Reproduction, 2019, 32, 331-340.	2.2	16
11	Identification of Bna.IAA7.C05 as allelic gene for dwarf mutant generated from tissue culture in oilseed rape. BMC Plant Biology, 2019, 19, 500.	3.6	11
12	Vernalization and Floral Transition in Autumn Drive Winter Annual Life History in Oilseed Rape. Current Biology, 2019, 29, 4300-4306.e2.	3.9	51
13	Spatioâ€ŧemporal expression dynamics differ between homologues of flowering time genes in the allopolyploid <i>Brassica napus</i> . Plant Journal, 2018, 96, 103-118.	5.7	19
14	Integrative RNA- and miRNA-Profile Analysis Reveals a Likely Role of BR and Auxin Signaling in Branch Angle Regulation of B. napus. International Journal of Molecular Sciences, 2017, 18, 887.	4.1	23
15	Associative transcriptomics of traits in the polyploid crop species Brassica napus. Nature Biotechnology, 2012, 30, 798-802.	17.5	347
16	Dissecting the genome of the polyploid crop oilseed rape by transcriptome sequencing. Nature Biotechnology, 2011, 29, 762-766.	17.5	187