

Trevor H Yeats

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27
papers

2,432
citations

18
h-index

30
g-index

30
ext. papers

3,150
ext. citations

7.3
avg, IF

5.32
L-index

#	Paper	IF	Citations
27	Multi-omics prediction of oat agronomic and seed nutritional traits across environments and in distantly related populations. <i>Theoretical and Applied Genetics</i> , 2021 , 134, 4043-4054	6	4
26	Translating insights from the seed metabolome into improved prediction for lipid-composition traits in oat (<i>Avena sativa</i> L.). <i>Genetics</i> , 2021 , 217,	4	7
25	Improving Genomic Prediction for Seed Quality Traits in Oat (<i>Avena sativa</i> L.) Using Trait-Specific Relationship Matrices. <i>Frontiers in Genetics</i> , 2021 , 12, 643733	4.5	3
24	Heritable temporal gene expression patterns correlate with metabolomic seed content in developing hexaploid oat seed. <i>Plant Biotechnology Journal</i> , 2020 , 18, 1211-1222	11.6	8
23	Buffering Lipid Synthesis by Conditional Inhibition. <i>Plant Physiology</i> , 2019 , 181, 8	6.6	
22	Multivariate Genome-Wide Association Analyses Reveal the Genetic Basis of Seed Fatty Acid Composition in Oat (L.). <i>G3: Genes, Genomes, Genetics</i> , 2019 , 9, 2963-2975	3.2	20
21	Plant glycosylphosphatidylinositol anchored proteins at the plasma membrane-cell wall nexus. <i>Journal of Integrative Plant Biology</i> , 2018 , 60, 649-669	8.3	30
20	Fruit Softening: Revisiting the Role of Pectin. <i>Trends in Plant Science</i> , 2018 , 23, 302-310	13.1	196
19	Setting and Diffusing the Cyanide Bomb in Plant Defense. <i>Plant Physiology</i> , 2018 , 178, 956-957	6.6	4
18	Subcellular Spice Trade Routes: Crocin Biosynthesis in the Saffron Crocus (). <i>Plant Physiology</i> , 2018 , 177, 869-870	6.6	6
17	Postharvest changes in LIN5-down-regulated plants suggest a role for sugar deficiency in cuticle metabolism during ripening. <i>Phytochemistry</i> , 2017 , 142, 11-20	4	16
16	Cellulose Deficiency Is Enhanced on Hyper Accumulation of Sucrose by a H ⁺ -Coupled Sucrose Symporter. <i>Plant Physiology</i> , 2016 , 171, 110-24	6.6	29
15	Tomato Cutin Deficient 1 (CD1) and putative orthologs comprise an ancient family of cutin synthase-like (CUS) proteins that are conserved among land plants. <i>Plant Journal</i> , 2014 , 77, 667-75	6.9	70
14	The Implications of Lignocellulosic Biomass Chemical Composition for the Production of Advanced Biofuels. <i>BioScience</i> , 2014 , 64, 192-201	5.7	87
13	The formation and function of plant cuticles. <i>Plant Physiology</i> , 2013 , 163, 5-20	6.6	664
12	An ATP binding cassette transporter is required for cuticular wax deposition and desiccation tolerance in the moss <i>Physcomitrella patens</i> . <i>Plant Cell</i> , 2013 , 25, 4000-13	11.6	71
11	The identification of cutin synthase: formation of the plant polyester cutin. <i>Nature Chemical Biology</i> , 2012 , 8, 609-11	11.7	142

10	Adaptive horizontal transfer of a bacterial gene to an invasive insect pest of coffee. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 4197-202	11.5	157
9	The fruit cuticles of wild tomato species exhibit architectural and chemical diversity, providing a new model for studying the evolution of cuticle function. <i>Plant Journal</i> , 2012 , 69, 655-66	6.9	72
8	Two oxidosqualene cyclases responsible for biosynthesis of tomato fruit cuticular triterpenoids. <i>Plant Physiology</i> , 2011 , 155, 540-52	6.6	83
7	Tissue- and cell-type specific transcriptome profiling of expanding tomato fruit provides insights into metabolic and regulatory specialization and cuticle formation. <i>Plant Cell</i> , 2011 , 23, 3893-910	11.6	162
6	Mining the surface proteome of tomato (<i>Solanum lycopersicum</i>) fruit for proteins associated with cuticle biogenesis. <i>Journal of Experimental Botany</i> , 2010 , 61, 3759-71	7	64
5	Cloning and characterization of oxidosqualene cyclases from <i>Kalanchoe daigremontiana</i> : enzymes catalyzing up to 10 rearrangement steps yielding friedelin and other triterpenoids. <i>Journal of Biological Chemistry</i> , 2010 , 285, 29703-12	5.4	48
4	Arabidopsis LTPG is a glycosylphosphatidylinositol-anchored lipid transfer protein required for export of lipids to the plant surface. <i>Plant Cell</i> , 2009 , 21, 1230-8	11.6	234
3	The biochemistry and biology of extracellular plant lipid-transfer proteins (LTPs). <i>Protein Science</i> , 2008 , 17, 191-8	6.3	204
2	Cloning and characterization of a lupeol synthase involved in the synthesis of epicuticular wax crystals on stem and hypocotyl surfaces of <i>Ricinus communis</i> . <i>Archives of Biochemistry and Biophysics</i> , 2006 , 448, 60-72	4.1	50
1	Multivariate Genome-wide Association Analyses Reveal the Genetic Basis of Seed Fatty Acid Composition in Oat (<i>Avena sativa</i> L.)		1