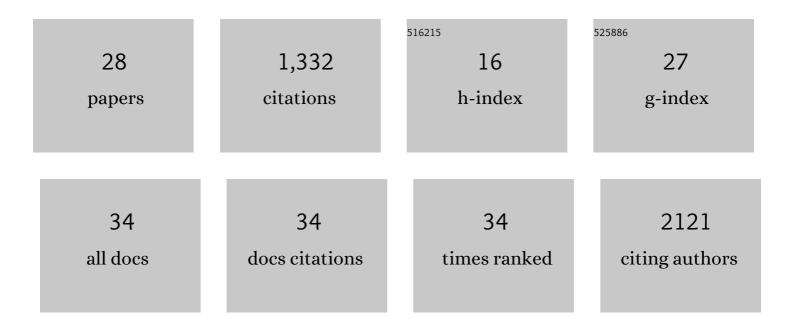
Owen Duncan

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Protein turnover in the developing <i>Triticum aestivum</i> grain. New Phytologist, 2022, 233, 1188-1201.	3.5	7
2	Day and night isotope labelling reveal metabolic pathway specific regulation of protein synthesis rates in Arabidopsis. Plant Journal, 2022, 109, 745-763.	2.8	5
3	Enzymes degraded under high light maintain proteostasis by transcriptional regulation in <i>Arabidopsis</i> . Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2121362119.	3.3	6
4	Proteomics for Autophagy Receptor and Cargo Identification in Plants. Journal of Proteome Research, 2021, 20, 129-138.	1.8	4
5	Increased Wheat Protein Content via Introgression of an HMW Glutenin Selectively Reshapes the Grain Proteome. Molecular and Cellular Proteomics, 2021, 20, 100097.	2.5	12
6	<i>In vivo</i> homopropargylglycine incorporation enables sampling, isolation and characterization of nascent proteins from <i>Arabidopsis thaliana</i> . Plant Journal, 2021, 107, 1260-1276.	2.8	7
7	Autophagy mutants show delayed chloroplast development during deâ€etiolation in carbon limiting conditions. Plant Journal, 2021, 108, 459-477.	2.8	6
8	Mitochondrial CLPP2 Assists Coordination and Homeostasis of Respiratory Complexes. Plant Physiology, 2020, 184, 148-164.	2.3	26
9	Impact of oxidative stress on the function, abundance, and turnover of the Arabidopsis 80S cytosolic ribosome. Plant Journal, 2020, 103, 128-139.	2.8	25
10	Bioinformatic and experimental evidence for suicidal and catalytic plant THI4s. Biochemical Journal, 2020, 477, 2055-2069.	1.7	24
11	The composition and turnover of the <i>Arabidopsis thaliana</i> 80S cytosolic ribosome. Biochemical Journal, 2020, 477, 3019-3032.	1.7	26
12	Rubisco lysine acetylation occurs at very low stoichiometry in mature Arabidopsis leaves: implications for regulation of enzyme function. Biochemical Journal, 2020, 477, 3885-3896.	1.7	13
13	A MYC2/MYC3/MYC4-dependent transcription factor network regulates water spray-responsive gene expression and jasmonate levels. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23345-23356.	3.3	95
14	The Transcription Factor MYB29 Is a Regulator of <i>ALTERNATIVE OXIDASE1a</i> . Plant Physiology, 2017, 173, 1824-1843.	2.3	46
15	An improved assembly and annotation of the allohexaploid wheat genome identifies complete families of agronomic genes and provides genomic evidence for chromosomal translocations. Genome Research, 2017, 27, 885-896.	2.4	464
16	Resource: Mapping the <i>Triticum aestivum</i> proteome. Plant Journal, 2017, 89, 601-616.	2.8	74
17	Isolation of Mitochondria, Their Sub-Organellar Compartments, and Membranes. Methods in Molecular Biology, 2017, 1511, 83-96.	0.4	4
18	Characterization of a novel β-barrel protein (AtOM47) from the mitochondrial outer membrane	2.4	19

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19	Inactivation of Mitochondrial Complex I Induces the Expression of a Twin Cysteine Protein that Targets and Affects Cytosolic, Chloroplastidic and Mitochondrial Function. Molecular Plant, 2016, 9, 696-710.	3.9	28
20	In Vitro and In Vivo Protein Uptake Studies in Plant Mitochondria. Methods in Molecular Biology, 2015, 1305, 61-81.	0.4	14
21	Phosphorylation and Dephosphorylation of the Presequence of Precursor MULTIPLE ORGANELLAR RNA EDITING FACTOR3 during Import into Mitochondria from Arabidopsis. Plant Physiology, 2015, 169, 1344-1355.	2.3	30
22	The Mitochondrial Protein Import Component, TRANSLOCASE OF THE INNER MEMBRANE17-1, Plays a Role in Defining the Timing of Germination in Arabidopsis. Plant Physiology, 2014, 166, 1420-1435.	2.3	45
23	Decreasing Electron Flux through the Cytochrome and/or Alternative Respiratory Pathways Triggers Common and Distinct Cellular Responses Dependent on Growth Conditions Â. Plant Physiology, 2014, 167, 228-250.	2.3	85
24	A Functional Antagonistic Relationship between Auxin and Mitochondrial Retrograde Signaling Regulates <i>Alternative Oxidase1a</i> Expression in Arabidopsis Â. Plant Physiology, 2014, 165, 1233-1254.	2.3	87
25	The outer mitochondrial membrane in higher plants. Trends in Plant Science, 2013, 18, 207-217.	4.3	31
26	Unique components of the plant mitochondrial protein import apparatus. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 304-313.	1.9	56
27	Multiple Lines of Evidence Localize Signaling, Morphology, and Lipid Biosynthesis Machinery to the Mitochondrial Outer Membrane of Arabidopsis Â. Plant Physiology, 2011, 157, 1093-1113.	2.3	90
28	The molecular basis of cereal grain proteostasis. Essays in Biochemistry, 0, , .	2.1	1