

# Juliet C Coates

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

3,246  
citations

257450

24  
h-index

377865

34  
g-index

39  
all docs

39  
docs citations

39  
times ranked

4965  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of DELLA function and signaling in land plants. <i>Evolution &amp; Development</i> , 2021, 23, 137-154.	2.0	26
2	PEATmoss ( <i>Physcomitrella</i> Expression Atlas Tool): a unified gene expression atlas for the model plant <i>Physcomitrella patens</i> . <i>Plant Journal</i> , 2020, 102, 165-177.	5.7	74
3	Cross-kingdom signalling regulates spore germination in the moss <i>Physcomitrella patens</i> . <i>Scientific Reports</i> , 2020, 10, 2614.	3.3	10
4	Effects of green seaweed extract on <i>Arabidopsis</i> early development suggest roles for hormone signalling in plant responses to algal fertilisers. <i>Scientific Reports</i> , 2019, 9, 1983.	3.3	49
5	The <i>Physcomitrella patens</i> gene atlas project: large-scale RNA-seq based expression data. <i>Plant Journal</i> , 2018, 95, 168-182.	5.7	115
6	Insights into the Evolution of Multicellularity from the Sea Lettuce Genome. <i>Current Biology</i> , 2018, 28, 2921-2933.e5.	3.9	134
7	Surface sensing and stress-signalling in <i>Ulva</i> and fouling diatoms – potential targets for antifouling: a review. <i>Biofouling</i> , 2017, 33, 410-432.	2.2	11
8	Bacteria-induced morphogenesis of <i>Ulva intestinalis</i> and <i>Ulva mutabilis</i> (Chlorophyta): a contribution to the lottery theory. <i>FEMS Microbiology Ecology</i> , 2017, 93, .	2.7	66
9	Furthering knowledge of seaweed growth and development to facilitate sustainable aquaculture. <i>New Phytologist</i> , 2017, 216, 967-975.	7.3	64
10	The decision to germinate is regulated by divergent molecular networks in spores and seeds. <i>New Phytologist</i> , 2016, 211, 952-966.	7.3	56
11	An ancient and conserved function for Armadillo-related proteins in the control of spore and seed germination by abscisic acid. <i>New Phytologist</i> , 2016, 211, 940-951.	7.3	21
12	Life's a beach – the colonization of the terrestrial environment. <i>New Phytologist</i> , 2016, 212, 831-835.	7.3	8
13	Regulation of gametogenesis and zoosporogenesis in <i>Ulva linza</i> (Chlorophyta): comparison with <i>Ulva mutabilis</i> and potential for laboratory culture. <i>Frontiers in Plant Science</i> , 2015, 6, 15.	3.6	57
14	The green seaweed <i>Ulva</i> : a model system to study morphogenesis. <i>Frontiers in Plant Science</i> , 2015, 6, 72.	3.6	173
15	<i>AtMYB93</i> is an endodermis-specific transcriptional regulator of lateral root development in <i>Arabidopsis</i> . <i>Plant Signaling and Behavior</i> , 2014, 9, e970406.	2.4	30
16	<i>AtMYB93</i> is a novel negative regulator of lateral root development in <i>Arabidopsis</i> . <i>New Phytologist</i> , 2014, 203, 1194-1207.	7.3	79
17	Understanding “green” multicellularity: do seaweeds hold the key?. <i>Frontiers in Plant Science</i> , 2014, 5, 737.	3.6	19
18	<i>AtMYB93</i> is an endodermis-specific transcriptional regulator of lateral root development in <i>Arabidopsis</i> . <i>Plant Signaling and Behavior</i> , 2014, 9, e29808.	2.4	2

#	ARTICLE	IF	CITATIONS
19	ARABIDILLO gene homologues in basal land plants: species-specific gene duplication and likely functional redundancy. <i>Planta</i> , 2012, 236, 1927-1941.	3.2	17
20	Function and evolution of <i>green</i> <sup>TM</sup> GSK3/Shaggy-like kinases. <i>Trends in Plant Science</i> , 2012, 17, 39-46.	8.8	88
21	ARABIDILLO proteins have a novel and conserved domain structure important for the regulation of their stability. <i>Plant Molecular Biology</i> , 2011, 75, 77-92.	3.9	17
22	Armadillo-repeat protein functions: questions for little creatures. <i>Trends in Cell Biology</i> , 2010, 20, 470-481.	7.9	222
23	The Armadillo Repeat Protein PF16 Is Essential for Flagellar Structure and Function in Plasmodium Male Gametes. <i>PLoS ONE</i> , 2010, 5, e12901.	2.5	57
24	Shoot Na <sup>+</sup> Exclusion and Increased Salinity Tolerance Engineered by Cell Type-Specific Alteration of Na <sup>+</sup> Transport in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2009, 21, 2163-2178.	6.6	480
25	Root growth in <i>Arabidopsis</i> requires gibberellin/DELLA signalling in the endodermis. <i>Nature Cell Biology</i> , 2008, 10, 625-628.	10.3	273
26	Branching out in new directions: the control of root architecture by lateral root formation. <i>New Phytologist</i> , 2008, 179, 595-614.	7.3	280
27	Armadillo Repeat Proteins: Versatile Regulators of Plant Development and Signalling. , 2007, , 299-314.		3
28	Armadillo-related proteins promote lateral root development in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 1621-1626.	7.1	90
29	A prehistory of cell adhesion. <i>Current Opinion in Cell Biology</i> , 2004, 16, 470-476.	5.4	59
30	Armadillo repeat proteins: beyond the animal kingdom. <i>Trends in Cell Biology</i> , 2003, 13, 463-471.	7.9	245
31	Loss of the $\beta$ -catenin homologue <i>aardvark</i> causes ectopic stalk formation in <i>Dictyostelium</i> . <i>Mechanisms of Development</i> , 2002, 116, 117-127.	1.7	32
32	Antagonistic pathways in neurons exposed to body fluid regulate social feeding in <i>Caenorhabditis elegans</i> . <i>Nature</i> , 2002, 419, 925-929.	27.8	174
33	Cell-cell adhesion and signal transduction during <i>Dictyostelium</i> development. <i>Journal of Cell Science</i> , 2001, 114, 4349-4358.	2.0	71
34	Adherens junctions and $\beta$ -catenin-mediated cell signalling in a non-metazoan organism. <i>Nature</i> , 2000, 408, 727-731.	27.8	136