Juliet C Coates

List of Publications by Year
in descending order

34	3,246	257450 24	377865 34
papers	citations	h-index	g-index

39	39	39	4965
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Shoot Na+ Exclusion and Increased Salinity Tolerance Engineered by Cell Typeâ€“Specific Alteration of Na+ Transport in Arabidopsis Â Â. Plant Cell, 2009, 21, 2163-2178.	6.6	480
2	Branching out in new directions: the control of root architecture by lateral root formation. New Phytologist, 2008, 179, 595-614.	7.3	280
3	Root growth in Arabidopsis requires gibberellin/DELLA signalling in the endodermis. Nature Cell Biology, 2008, 10, 625-628.	10.3	273
4	Armadillo repeat proteins: beyond the animal kingdom. Trends in Cell Biology, 2003, 13, 463-471.	7.9	245
5	Armadillo-repeat protein functions: questions for little creatures. Trends in Cell Biology, 2010, 20, 470-481.	7.9	222
6	Antagonistic pathways in neurons exposed to body fluid regulate social feeding in Caenorhabditis elegans. Nature, 2002, 419, 925-929.	27.8	174
7	The green seaweed Ulva: a model system to study morphogenesis. Frontiers in Plant Science, 2015, 6, 72.	3.6	173
8	Adherens junctions and Î²-catenin-mediated cell signalling in a non-metazoan organism. Nature, 2000, 408, 727-731.	27.8	136
9	Insights into the Evolution of Multicellularity from the Sea Lettuce Genome. Current Biology, 2018, 28, 2921-2933.e5.	3.9	134
10	The Physcomitrella patens gene atlas project: largeâ€scale <scp>RNA</scp>â€seq based expression data. Plant Journal, 2018, 95, 168-182.	5.7	115
11	Armadillo-related proteins promote lateral root development in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 1621-1626.	7.1	90
12	Function and evolution of â€˜greenâ€™ GSK3/Shaggy-like kinases. Trends in Plant Science, 2012, 17, 39-46.	8.8	88
13	At<scp>MYB</scp>93 is a novel negative regulator of lateral root development in Arabidopsis. New Phytologist, 2014, 203, 1194-1207.	7.3	79
14	PEATmoss (Physcomitrella Expression Atlas Tool): a unified gene expression atlas for the model plant Physcomitrella patens. Plant Journal, 2020, 102, 165-177.	5.7	74
15	Cell-cell adhesion and signal transduction duringDictyosteliumdevelopment. Journal of Cell Science, 2001, 114, 4349-4358.	2.0	71
16	Bacteria-induced morphogenesis of Ulva intestinalis and Ulva mutabilis (Chlorophyta): a contribution to the lottery theory. FEMS Microbiology Ecology, 2017, 93, .	2.7	66
17	Furthering knowledge of seaweed growth and development to facilitate sustainable aquaculture. New Phytologist, 2017, 216, 967-975.	7.3	64
18	A prehistory of cell adhesion. Current Opinion in Cell Biology, 2004, 16, 470-476.	5.4	59

#	Article	IF	Citations
19	Regulation of gametogenesis and zoosporogenesis in Ulva linza (Chlorophyta): comparison with Ulva mutabilis and potential for laboratory culture. Frontiers in Plant Science, 2015, 6, 15.	3.6	57
20	The Armadillo Repeat Protein PF16 Is Essential for Flagellar Structure and Function in Plasmodium Male Gametes. PLoS ONE, 2010, 5, e12901.	2.5	57
21	The decision to germinate is regulated by divergent molecular networks in spores and seeds. New Phytologist, 2016, 211, 952-966.	7.3	56
22	Effects of green seaweed extract on Arabidopsis early development suggest roles for hormone signalling in plant responses to algal fertilisers. Scientific Reports, 2019, 9, 1983.	3.3	49
23	Loss of the Î²-catenin homologue aardvark causes ectopic stalk formation in Dictyostelium. Mechanisms of Development, 2002, 116, 117-127.	1.7	32
24	AtMYB93is an endodermis-specific transcriptional regulator of lateral root development in arabidopsis. Plant Signaling and Behavior, 2014, 9, e970406.	2.4	30
25	Evolution of DELLA function and signaling in land plants. Evolution & Development, 2021, 23, 137-154.	2.0	26
26	An ancient and conserved function for Armadilloâ€•related proteins in the control of spore and seed germination by abscisic acid. New Phytologist, 2016, 211, 940-951.	7.3	21
27	Understanding Ã¢â‚¬Å“greenÃ¢â‚¬Â•multicellularity: do seaweeds hold the key?. Frontiers in Plant Science, 2014, 5, 737.	3.6	19
28	ARABIDILLO proteins have a novel and conserved domain structure important for the regulation of their stability. Plant Molecular Biology, 2011, 75, 77-92.	3.9	17
29	ARABIDILLO gene homologues in basal land plants: species-specific gene duplication and likely functional redundancy. Planta, 2012, 236, 1927-1941.	3.2	17
30	Surface sensing and stress-signalling inUlvaand fouling diatoms â€“ potential targets for antifouling: a review. Biofouling, 2017, 33, 410-432.	2.2	11
31	Cross-kingdom signalling regulates spore germination in the moss Physcomitrella patens. Scientific Reports, 2020, 10, 2614.	3.3	10
32	Life's a beach â€“ the colonization of the terrestrial environment. New Phytologist, 2016, 212, 831-835.	7.3	8
33	Armadillo Repeat Proteins: Versatile Regulators of Plant Development and Signalling. , 2007, , 299-314.		3
34	AtMYB93 is an endodermis-specific transcriptional regulator of lateral root development in Arabidopsis. Plant Signaling and Behavior, 2014, 9, e29808.	2.4	2