Philip B Brewer

List of Publications by Year
in descending order

34 papers	7,090 citations	186265 28 h-index	395702 33 g-index
37 all docs	37 docs citations	37 times ranked	6247 citing authors

#	Article	IF	Citations
1	Emerging roles of strigolactones in plant responses toward biotic stress. , 2022, , 205-214.		2
2	Plasticity of bud outgrowth varies at cauline and rosette nodes in <i>Arabidopsis thaliana</i>. Plant Physiology, 2022, 188, 1586-1603.	4.8	7
3	Strigolactones, how are they synthesized to regulate plant growth and development?. Current Opinion in Plant Biology, 2021, 63, 102072.	7.1	68
4	Strigolactones inhibit auxin feedback on PIN-dependent auxin transport canalization. Nature Communications, 2020, 11, 3508.	12.8	51
5	Diverse Roles of MAX1 Homologues in Rice. Genes, 2020, 11, 1348.	2.4	17
6	Hydroxyl carlactone derivatives are predominant strigolactones in <i>Arabidopsis</i>. Plant Direct, 2020, 4, e00219.	1.9	60
7	Binding or Hydrolysis? How Does the Strigolactone Receptor Work?. Trends in Plant Science, 2019, 24, 571-574.	8.8	28
8	Initial Bud Outgrowth Occurs Independent of Auxin Flow from Out of Buds. Plant Physiology, 2019, 179, 55-65.	4.8	56
9	The ability of plants to produce strigolactones affects rhizosphere community composition of fungi but not bacteria. Rhizosphere, 2019, 9, 18-26.	3.0	59
10	<i>LATERAL BRANCHING OXIDOREDUCTASE</i> acts in the final stages of strigolactone biosynthesis in <i>Arabidopsis</i>. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 6301-6306.	7.1	219
11	Phloem Transport of the Receptor DWARF14 Protein Is Required for Full Function of Strigolactones. Plant Physiology, 2016, 172, 1844-1852.	4.8	32
12	Strigolactone Inhibition of Branching Independent of Polar Auxin Transport. Plant Physiology, 2015, 168, 1820-1829.	4.8	95
13	Plant Architecture: The Long and the Short of Branching in Potato. Current Biology, 2015, 25, R724-R725.	3.9	6
14	Diverse Roles of Strigolactones in Plant Development. Molecular Plant, 2013, 6, 18-28.	8.3	323
15	Generalist insects behave in a jasmonate-dependent manner on their host plants, leaving induced areas quickly and staying longer on distant parts. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20122646.	2.6	47
16	The Arabidopsis Ortholog of Rice DWARF27 Acts Upstream of MAX1 in the Control of Plant Development by Strigolactones Â Â Â. Plant Physiology, 2012, 159, 1073-1085.	4.8	179
17	Strigolactones Are Involved in Root Response to Low Phosphate Conditions in Arabidopsis Â. Plant Physiology, 2012, 160, 1329-1341.	4.8	191
18	Strigolactones Suppress Adventitious Rooting in Arabidopsis and Pea Â Â Â. Plant Physiology, 2012, 158, 1976-1987.	4.8	286

#	Article	IF	Citations
19	The trihelix family of transcription factors â€“ light, stress and development. Trends in Plant Science, 2012, 17, 163-171.	8.8	165
20	Inositol Trisphosphate-Induced Ca2+ Signaling Modulates Auxin Transport and PIN Polarity. Developmental Cell, 2011, 20, 855-866.	7.0	121
21	Strigolactone signaling is required for auxin-dependent stimulation of secondary growth in plants. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 20242-20247.	7.1	348
22	Strigolactone Acts Downstream of Auxin to Regulate Bud Outgrowth in Pea and Arabidopsis Â Â. Plant Physiology, 2009, 150, 482-493.	4.8	338
23	Strigolactones: discovery of the elusive shoot branching hormone. Trends in Plant Science, 2009, 14, 364-372.	8.8	230
24	Strigolactone inhibition of shoot branching. Nature, 2008, 455, 189-194.	27.8	1,910
25	ARF GEF-Dependent Transcytosis and Polar Delivery of PIN Auxin Carriers in Arabidopsis. Current Biology, 2008, 18, 526-531.	3.9	250
26	Cellular and Molecular Requirements for Polar PIN Targeting and Transcytosis in Plants. Molecular Plant, 2008, 1, 1056-1066.	8.3	124
27	Molecular and cellular aspects of auxin-transport-mediated development. Trends in Plant Science, 2007, 12, 160-168.	8.8	304
28	Polar Auxin Transport and Asymmetric Auxin Distribution. The Arabidopsis Book, 2007, 5, e0108.	0.5	79
29	In situ hybridization for mRNA detection in Arabidopsis tissue sections. Nature Protocols, 2006, 1, 1462-1467.	12.0	73
30	In situ hybridization technique for mRNA detection in whole mount Arabidopsis samples. Nature Protocols, 2006, 1, 1939-1946.	12.0	141
31	Polar PIN Localization Directs Auxin Flow in Plants. Science, 2006, 312, 883-883.	12.6	754
32	Spatiotemporal asymmetric auxin distribution: a means to coordinate plant development. Cellular and Molecular Life Sciences, 2006, 63, 2738-2754.	5.4	328
33	PETAL LOSS, a trihelix transcription factor gene, regulates perianth architecture in the Arabidopsis flower. Development (Cambridge), 2004, 131, 4035-4045.	2.5	144
34	Patterns of Variation Within Self-Incompatibility Loci. Molecular Biology and Evolution, 2003, 20, 1778-1794.	8.9	52