

# Jean Armstrong

## List of Publications by Year in descending order

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14  
papers

1,029  
citations

759055

12  
h-index

1058333

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

884  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reasons for the presence or absence of convective (pressurized) ventilation in the genus <i>Equisetum</i> . <i>New Phytologist</i> , 2011, 190, 387-397.	3.5	8
2	Effects of oil on internal gas transport, radial oxygen loss, gas films and bud growth in <i>Phragmites australis</i> . <i>Annals of Botany</i> , 2009, 103, 333-340.	1.4	21
3	Record rates of pressurized gas flow in the great horsetail, <i>Equisetum telmateia</i> . Were Carboniferous <i>Calamites</i> similarly aerated?. <i>New Phytologist</i> , 2009, 184, 202-215.	3.5	22
4	Stem Photosynthesis not Pressurized Ventilation is Responsible for Light-enhanced Oxygen Supply to Submerged Roots of Alder ( <i>Alnus glutinosa</i> ). <i>Annals of Botany</i> , 2005, 96, 591-612.	1.4	50
5	Rice: Sulfide-induced Barriers to Root Radial Oxygen Loss, Fe <sup>2+</sup> and Water Uptake, and Lateral Root Emergence. <i>Annals of Botany</i> , 2005, 96, 625-638.	1.4	197
6	An overview of the effects of phytotoxins on <i>Phragmites australis</i> in relation to die-back. <i>Aquatic Botany</i> , 2001, 69, 251-268.	0.8	79
7	A modelling approach to the analysis of pressure-flow in <i>Phragmites</i> stands. <i>Aquatic Botany</i> , 2001, 69, 269-291.	0.8	7
8	Mathematical modelling of methane transport by <i>Phragmites</i> : the potential for diffusion within the roots and rhizosphere. <i>Aquatic Botany</i> , 2001, 69, 293-312.	0.8	40
9	Rice and <i>Phragmites</i> : effects of organic acids on growth, root permeability, and radial oxygen loss to the rhizosphere. <i>American Journal of Botany</i> , 2001, 88, 1359-1370.	0.8	153
10	<i>Phragmites australis</i> : effects of shoot submergence on seedling growth and survival and radial oxygen loss from roots. <i>Aquatic Botany</i> , 1999, 64, 275-289.	0.8	69
11	Pressurised aeration in wetland macrophytes: Some theoretical aspects of humidity-induced convection and thermal transpiration. <i>Folia Geobotanica Et Phytotaxonomica</i> , 1996, 31, 25-36.	0.4	36
12	A role for phytotoxins in the <i>Phragmites</i> die-back syndrome?. <i>Folia Geobotanica Et Phytotaxonomica</i> , 1996, 31, 127-142.	0.4	30
13	Chlorophyll development in mature lysigenous and schizogenous root aerenchymas provides evidence of continuing cortical cell viability. <i>New Phytologist</i> , 1994, 126, 493-497.	3.5	28
14	<i>Phragmites australis</i> : Venturi- and humidity-induced pressure flows enhance rhizome aeration and rhizosphere oxidation. <i>New Phytologist</i> , 1992, 120, 197-207.	3.5	289