Biotechnological aspects of cytoskeletal regulation in plants

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#	Paper	IF	Citations
15	Numeric simulation can be used to predict heat transfer during the blanching of leaves and intact plants. *Biochemical Engineering Journal*, **2016**, 109, 118-126	4.2	8
14	The Role of the Plant Cytoskeleton in Phytohormone Signaling under Abiotic and Biotic Stresses. **2017**, 127-185		7
13	Feedback Microtubule Control and Microtubule-Actin Cross-talk in Revealed by Integrative Proteomic and Cell Biology Analysis of Mutants. *Molecular and Cellular Proteomics*, **2017**, 16, 1591-1609	7.6	18
12	Alfalfa Root Growth Rate Correlates with Progression of Microtubules during Mitosis and Cytokinesis as Revealed by Environmental Light-Sheet Microscopy. *Frontiers in Plant Science*, **2017**, 8, 1870	6.2	10
11	The Plant Cytoskeletons in Interactions between Plants and Obligate Biotrophs. *Cytologia*, **2017**, 82, 341-348	0.9	2
10	Concepts in Cell Biology - History and Evolution. *Plant Cell Monographs*, **2018**,	0.6	
9	Drought stress responses in maize are diminished by Piriformospora indica. *Plant Signaling and Behavior*, **2018**, 13, e1414121	2.5	41
8	A JOURNEY THROUGH PLANT CYTOSKELETON: HOT SPOTS IN SIGNALING AND FUNCTIONING. *Cell Biology International*, **2019**, 43, 978-982	4.5	1
7	A journey through a plant cytoskeleton: Hot spots in signaling and functioning. *Cell Biology International*, **2020**, 44, 1262-1266	4.5	2
6	Structure-based prediction of protein–protein interactions between GhWlim5 Domain1 and GhACTIN-1 proteins: a practical evidence with improved fibre strength. *Journal of Plant Biochemistry and Biotechnology*, **2020**, 30, 373	1.6	1
5	Analysis of Spatio-Temporal Transcriptome Profiles of Soybean () Tissues during Early Seed Development. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	3
4	Coordination of Phospholipid-Based Signaling and Membrane Trafficking in Plant Immunity. *Trends in Plant Science*, **2021**, 26, 407-420	13.1	6
3	Plant Actin Cytoskeleton: New Functions from Old Scaffold. *Plant Cell Monographs*, **2018**, 103-137	0.6	6
2	Microtubule organization changes severely after mannitol and n-butanol treatments inducing microspore embryogenesis in bread wheat. *BMC Plant Biology*, **2021**, 21, 586	5.3	0
1	The Role of Serendipita indica (Piriformospora indica) in Improving Plant Resistance to Drought and Salinity Stresses. *Biology*, **2022**, 11, 952	4.9	1