

# James H Rowe

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4082541/publications.pdf>

Version: 2024-02-01

7  
papers

423  
citations

1478505

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h-index

1720034

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docs citations

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times ranked

803  
citing authors

#	ARTICLE	IF	CITATIONS
1	Abscisic acid regulates root growth under osmotic stress conditions via an interacting hormonal network with cytokinin, ethylene and auxin. <i>New Phytologist</i> , 2016, 211, 225-239.	7.3	221
2	Bayesian uncertainty analysis for complex systems biology models: emulation, global parameter searches and evaluation of gene functions. <i>BMC Systems Biology</i> , 2018, 12, 1.	3.0	87
3	Hormonal crosstalk for root development: a combined experimental and modeling perspective. <i>Frontiers in Plant Science</i> , 2014, 5, 116.	3.6	51
4	Spatiotemporal modelling of hormonal crosstalk explains the level and patterning of hormones and gene expression in <i>Arabidopsis thaliana</i> wild-type and mutant roots. <i>New Phytologist</i> , 2015, 207, 1110-1122.	7.3	37
5	HY5 is not integral to light mediated stomatal development in <i>Arabidopsis</i> . <i>PLoS ONE</i> , 2020, 15, e0222480.	2.5	14
6	Inhibition of <i>Arabidopsis</i> stomatal development by plastoquinone oxidation. <i>Current Biology</i> , 2021, 31, 5622-5632.e7.	3.9	8
7	Focus on biosensors: Looking through the lens of quantitative biology. <i>Quantitative Plant Biology</i> , 2021, 2, .	2.0	5