

# Kathleen L Farquharson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6239085/publications.pdf>

Version: 2024-02-01

52  
papers

111  
citations

1684188

5  
h-index

1588992

8  
g-index

52  
all docs

52  
docs citations

52  
times ranked

255  
citing authors

#	ARTICLE	IF	CITATIONS
1	Autophagy Contributes to Plant Lipid Homeostasis. <i>Plant Cell</i> , 2019, 31, 1427-1428.	6.6	2
2	Mightier Than Muscle: A Near-Atomic View of Pollen Actin Filaments. <i>Plant Cell</i> , 2019, 31, 2817-2818.	6.6	1
3	The Trojan Horse Approach to Protein Jockeying. <i>Plant Cell</i> , 2018, 30, 517-517.	6.6	1
4	The Shifting Transcriptional Response of Maize Smut Fungus. <i>Plant Cell</i> , 2018, 30, 264-264.	6.6	0
5	Life of PPI: Soluble PPases and H <sup>+</sup> -PPase Act Cooperatively to Keep Pyrophosphate Levels in Check. <i>Plant Cell</i> , 2018, 30, 951-951.	6.6	5
6	A Novel Class of Histone Readers. <i>Plant Cell</i> , 2018, 30, 262-263.	6.6	1
7	A Lipid Droplet-Associated Degradation System in Plants. <i>Plant Cell</i> , 2018, 30, 1952-1953.	6.6	3
8	Loss of a Silencing Cascade Contributed to Indica Rice Domestication. <i>Plant Cell</i> , 2018, 30, 2643-2643.	6.6	0
9	Microtubules Direct Lignin and Xylan Deposition in a Cellulose-Independent Manner. <i>Plant Cell</i> , 2018, 30, 2644-2645.	6.6	0
10	Small Talk: Protons Help Calcium Get the Message Across. <i>Plant Cell</i> , 2018, 30, 2885-2886.	6.6	0
11	Fine-Tuning Plant Growth in the Face of Drought. <i>Plant Cell</i> , 2017, 29, 4-4.	6.6	3
12	Division of Labor during Apical Hook Formation. <i>Plant Cell</i> , 2017, 29, 917-918.	6.6	2
13	Secrets of the Forest: Volatiles First Discovered in Pine Trees Propagate Defense Signals within and between Plants. <i>Plant Cell</i> , 2017, 29, 1181-1182.	6.6	1
14	Folate Metabolism Linked to Redox Balance in Arabidopsis. <i>Plant Cell</i> , 2017, 29, 2682-2682.	6.6	0
15	A Phloem Protein Contributes to Aphid Resistance and Heat Stress Tolerance. <i>Plant Cell</i> , 2017, 29, 2309-2310.	6.6	1
16	Open-Source Device Tracks Mechanical Properties of Living Plant Cells in 3D. <i>Plant Cell</i> , 2017, 29, 2948-2948.	6.6	0
17	Divide and Conquer: Introducing a Novel Player in Cell Plate Formation. <i>Plant Cell</i> , 2016, 28, tpc.00523.2016.	6.6	0
18	Integrative Study Reveals Sodium Dependence of a Barley Borate Transporter. <i>Plant Cell</i> , 2016, 28, 3-4.	6.6	0

#	ARTICLE	IF	CITATIONS
19	Carbon Metabolism in Chlamydomonas: Inositol Polyphosphates and TOR Signaling Take Center Stage. <i>Plant Cell</i> , 2016, 28, 1992-1993.	6.6	1
20	Metabolic Signaling Regulates Alternative Splicing during Photomorphogenesis. <i>Plant Cell</i> , 2016, 28, 2697-2697.	6.6	2
21	A Domain in the bHLH Transcription Factor DYT1 Is Critical for Anther Development. <i>Plant Cell</i> , 2016, 28, 997-998.	6.6	10
22	Decoding the Molecular Network that Drives Hypocotyl Elongation. <i>Plant Cell</i> , 2016, 28, 1994-1995.	6.6	1
23	Battening Down the Hatches: A Role for CASEIN KINASE1-LIKE PROTEIN2 in Stomatal Closure. <i>Plant Cell</i> , 2016, 28, 1236-1236.	6.6	0
24	Sterols Modulate Cell-to-Cell Connectivity at Plasmodesmata. <i>Plant Cell</i> , 2015, 27, 948-948.	6.6	2
25	Meristem Maintenance in Maize. <i>Plant Cell</i> , 2015, 27, 3-4.	6.6	4
26	VILLIN2 Emerges as a Master Builder in Rice. <i>Plant Cell</i> , 2015, 27, tpc.15.00863.	6.6	0
27	Tracking Pavement Cells through Space and Time: Microtubules Define Positions of Lobe Formation. <i>Plant Cell</i> , 2015, 27, 2317-2317.	6.6	1
28	A TGN/EE-Localized V-ATPase Contributes to Vacuolar Acidification. <i>Plant Cell</i> , 2015, 27, 3292-3293.	6.6	1
29	A Rice KNOX Transcription Factor Represses Brassinosteroid Production in the Shoot Apical Meristem. <i>Plant Cell</i> , 2014, 26, 3469-3469.	6.6	7
30	SAUR19 Links Auxin and Plasma Membrane H <sup>+</sup> -ATPases in Cell Expansion. <i>Plant Cell</i> , 2014, 26, 1835-1835.	6.6	7
31	En Garde! Inhibition of an Actin Depolymerizing Factor Activates Immune Responses during Plant-Microbe Interactions. <i>Plant Cell</i> , 2014, 26, 3-3.	6.6	4
32	POK Marks the Spot: Kinesin-12 Proteins Are Spatial Markers of the Site Transiently Occupied by the Preprophase Band. <i>Plant Cell</i> , 2014, 26, 2284-2284.	6.6	1
33	The Fungus, the Witches'™ Broom, and the Chocolate Tree: Deciphering the Molecular Interplay between <i>Moniliophthora perniciosa</i> and <i>Theobroma cacao</i> . <i>Plant Cell</i> , 2014, 26, 4231-4231.	6.6	3
34	Examining the Molecular Basis of Heterophylly in North American Lake Cress. <i>Plant Cell</i> , 2014, 26, 4567-4567.	6.6	5
35	AUGMIN Subunit8 Participates in Microtubule Reorientation in Arabidopsis Hypocotyls. <i>Plant Cell</i> , 2013, 25, 1913-1913.	6.6	0
36	On the Origin of C4 Species in Yellowtops. <i>Plant Cell</i> , 2013, 25, 2380-2380.	6.6	0

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37	Out with the Old: The Fate of Obsolete Peroxisomes. <i>Plant Cell</i> , 2013, 25, 4769-4769.	6.6	0
38	Deciphering the Role of CGI-58 in Lipid Metabolism in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2013, 25, 1485-1485.	6.6	1
39	An Auxin Influx Transporter Regulates Vascular Patterning in Cotyledons. <i>Plant Cell</i> , 2012, 24, 2707-2707.	6.6	2
40	Insight into Ribulose 1,5-Bis-Phosphate Carboxylase/Oxygenase Assembly in Maize. <i>Plant Cell</i> , 2012, 24, 3171-3171.	6.6	2
41	MAP65-3 Cross-Links Interdigitated Microtubules in the Phragmoplast. <i>Plant Cell</i> , 2011, 23, 2807-2807.	6.6	4
42	Actin Depolymerizing Factor4 Severs Actin Filaments in Vivo. <i>Plant Cell</i> , 2011, 23, 3563-3563.	6.6	0
43	Blast Effector Proteins May Pave the Way for Hyphal Invasion. <i>Plant Cell</i> , 2010, 22, 996-996.	6.6	0
44	Gibberellin-Auxin Crosstalk Modulates Lateral Root Formation. <i>Plant Cell</i> , 2010, 22, 540-540.	6.6	14
45	Introducing Aromatic Amino Acid Hydroxylases from Plants. <i>Plant Cell</i> , 2010, 22, 3192-3192.	6.6	1
46	Dissecting the Functions of Class XI Myosins in Moss and <i>Arabidopsis</i> . <i>Plant Cell</i> , 2010, 22, 1649-1649.	6.6	2
47	On the Origin of Cortical Microtubules. <i>Plant Cell</i> , 2009, 21, 2193-2193.	6.6	0
48	Targeted Overexpression of a Sodium Transporter in the Root Stele Increases Salinity Tolerance. <i>Plant Cell</i> , 2009, 21, 1875-1875.	6.6	6
49	A Plastidic Transporter Involved in Aliphatic Glucosinolate Biosynthesis. <i>Plant Cell</i> , 2009, 21, 1622-1622.	6.6	1
50	Cortical Microtubules Regulate the Insertion of Cellulose Synthase Complexes in the Plasma Membrane. <i>Plant Cell</i> , 2009, 21, 1028-1028.	6.6	3
51	A Sesquiterpene Distress Signal Transmitted by Maize. <i>Plant Cell</i> , 2008, 20, 244-244.	6.6	2
52	Phosphate-Deprived Roots Are Hypersensitive to Auxin. <i>Plant Cell</i> , 2008, 20, 3183-3183.	6.6	4