# Kathleen L Farquharson

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 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 | Gibberellin-Auxin Crosstalk Modulates Lateral Root Formation. Plant Cell, 2010, 22, 540-540. | 6.6 | 14 |
| 2 | A Domain in the bHLH Transcription Factor DYT1 Is Critical for Anther Development. Plant Cell, 2016, 28, 997-998. | 6.6 | 10 |
| 3 | A Rice KNOX Transcription Factor Represses Brassinosteroid Production in the Shoot Apical Meristem. Plant Cell, 2014, 26, 3469-3469. | 6.6 | 7 |
| 4 | SAUR19 Links Auxin and Plasma Membrane H<sup>+</sup>-ATPases in Cell Expansion. Plant Cell, 2014, 26, 1835-1835. | 6.6 | 7 |
| 5 | Targeted Overexpression of a Sodium Transporter in the Root Stele Increases Salinity Tolerance. Plant Cell, 2009, 21, 1875-1875. | 6.6 | 6 |
| 6 | Examining the Molecular Basis of Heterophylly in North American Lake Cress. Plant Cell, 2014, 26, 4567-4567. | 6.6 | 5 |
| 7 | Life of PPi: Soluble PPases and H+-PPase Act Cooperatively to Keep Pyrophosphate Levels in Check. Plant Cell, 2018, 30, 951-951. | 6.6 | 5 |
| 8 | Phosphate-Deprived Roots Are Hypersensitive to Auxin. Plant Cell, 2008, 20, 3183-3183. | 6.6 | 4 |
| 9 | MAP65-3 Cross-Links Interdigitated Microtubules in the Phragmoplast. Plant Cell, 2011, 23, 2807-2807. | 6.6 | 4 |
| 10 | En Garde! Inhibition of an Actin Depolymerizing Factor Activates Immune Responses during Plantâ€“Microbe Interactions. Plant Cell, 2014, 26, 3-3. | 6.6 | 4 |
| 11 | Meristem Maintenance in Maize. Plant Cell, 2015, 27, 3-4. | 6.6 | 4 |
| 12 | Cortical Microtubules Regulate the Insertion of Cellulose Synthase Complexes in the Plasma Membrane. Plant Cell, 2009, 21, 1028-1028. | 6.6 | 3 |
| 13 | The Fungus, the Witchesâ€™ Broom, and the Chocolate Tree: Deciphering the Molecular Interplay between Moniliophthora perniciosa and Theobroma cacao. Plant Cell, 2014, 26, 4231-4231. | 6.6 | 3 |
| 14 | Fine-Tuning Plant Growth in the Face of Drought. Plant Cell, 2017, 29, 4-4. | 6.6 | 3 |
| 15 | A Lipid Droplet-Associated Degradation System in Plants. Plant Cell, 2018, 30, 1952-1953. | 6.6 | 3 |
| 16 | A Sesquiterpene Distress Signal Transmitted by Maize. Plant Cell, 2008, 20, 244-244. | 6.6 | 2 |
| 17 | Dissecting the Functions of Class XI Myosins in Moss and Arabidopsis. Plant Cell, 2010, 22, 1649-1649. | 6.6 | 2 |
| 18 | An Auxin Influx Transporter Regulates Vascular Patterning in Cotyledons. Plant Cell, 2012, 24, 2707-2707. | 6.6 | 2 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Insight into Ribulose 1,5-Bis-Phosphate Carboxylase/Oxygenase Assembly in Maize. Plant Cell, 2012, 24, 3171-3171. | 6.6 | 2 |
| 20 | Sterols Modulate Cell-to-Cell Connectivity at Plasmodesmata. Plant Cell, 2015, 27, 948-948. | 6.6 | 2 |
| 21 | Metabolic Signaling Regulates Alternative Splicing during Photomorphogenesis. Plant Cell, 2016, 28, 2697-2697. | 6.6 | 2 |
| 22 | Division of Labor during Apical Hook Formation. Plant Cell, 2017, 29, 917-918. | 6.6 | 2 |
| 23 | Autophagy Contributes to Plant Lipid Homeostasis. Plant Cell, 2019, 31, 1427-1428. | 6.6 | 2 |
| 24 | A Plastidic Transporter Involved in Aliphatic Glucosinolate Biosynthesis. Plant Cell, 2009, 21, 1622-1622. | 6.6 | 1 |
| 25 | Introducing Aromatic Amino Acid Hydroxylases from Plants. Plant Cell, 2010, 22, 3192-3192. | 6.6 | 1 |
| 26 | Deciphering the Role of CGI-58 in Lipid Metabolism in Arabidopsis. Plant Cell, 2013, 25, 1485-1485. | 6.6 | 1 |
| 27 | POK Marks the Spot: Kinesin-12 Proteins Are Spatial Markers of the Site Transiently Occupied by the Preprophase Band. Plant Cell, 2014, 26, 2284-2284. | 6.6 | 1 |
| 28 | Tracking Pavement Cells through Space and Time: Microtubules Define Positions of Lobe Formation. Plant Cell, 2015, 27, 2317-2317. | 6.6 | 1 |
| 29 | A TGN/EE-Localized V-ATPase Contributes to Vacuolar Acidification. Plant Cell, 2015, 27, 3292-3293. | 6.6 | 1 |
| 30 | Carbon Metabolism in Chlamydomonas: Inositol Polyphosphates and TOR Signaling Take Center Stage. Plant Cell, 2016, 28, 1992-1993. | 6.6 | 1 |
| 31 | Decoding the Molecular Network that Drives Hypocotyl Elongation. Plant Cell, 2016, 28, 1994-1995. | 6.6 | 1 |
| 32 | Secrets of the Forest: Volatiles First Discovered in Pine Trees Propagate Defense Signals within and between Plants. Plant Cell, 2017, 29, 1181-1182. | 6.6 | 1 |
| 33 | A Phloem Protein Contributes to Aphid Resistance and Heat Stress Tolerance. Plant Cell, 2017, 29, 2309-2310. | 6.6 | 1 |
| 34 | The Trojan Horse Approach to Protein Jockeying. Plant Cell, 2018, 30, 517-517. | 6.6 | 1 |
| 35 | A Novel Class of Histone Readers. Plant Cell, 2018, 30, 262-263. | 6.6 | 1 |
| 36 | Mightier Than Muscle: A Near-Atomic View of Pollen Actin Filaments. Plant Cell, 2019, 31, 2817-2818. | 6.6 | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | On the Origin of Cortical Microtubules. Plant Cell, 2009, 21, 2193-2193. | 6.6 | 0 |
| 38 | Blast Effector Proteins May Pave the Way for Hyphal Invasion. Plant Cell, 2010, 22, 996-996. | 6.6 | 0 |
| 39 | Actin Depolymerizing Factor4 Severs Actin Filaments in Vivo. Plant Cell, 2011, 23, 3563-3563. | 6.6 | 0 |
| 40 | AUGMIN Subunit8 Participates in Microtubule Reorientation in Arabidopsis Hypocotyls. Plant Cell, 2013, 25, 1913-1913. | 6.6 | 0 |
| 41 | On the Origin of C4 Species in Yellowtops. Plant Cell, 2013, 25, 2380-2380. | 6.6 | 0 |
| 42 | Out with the Old: The Fate of Obsolete Peroxisomes. Plant Cell, 2013, 25, 4769-4769. | 6.6 | 0 |
| 43 | VILLIN2 Emerges as a Master Builder in Rice. Plant Cell, 2015, 27, tpc.15.00863. | 6.6 | 0 |
| 44 | Divide and Conquer: Introducing a Novel Player in Cell Plate Formation. Plant Cell, 2016, 28, tpc.00523.2016. | 6.6 | 0 |
| 45 | Integrative Study Reveals Sodium Dependence of a Barley Borate Transporter. Plant Cell, 2016, 28, 3-4. | 6.6 | 0 |
| 46 | Battening Down the Hatches: A Role for CASEIN KINASE1-LIKE PROTEIN2 in Stomatal Closure. Plant Cell, 2016, 28, 1236-1236. | 6.6 | 0 |
| 47 | Folate Metabolism Linked to Redox Balance in Arabidopsis. Plant Cell, 2017, 29, 2682-2682. | 6.6 | 0 |
| 48 | Open-Source Device Tracks Mechanical Properties of Living Plant Cells in 3D. Plant Cell, 2017, 29, 2948-2948. | 6.6 | 0 |
| 49 | The Shifting Transcriptional Response of Maize Smut Fungus. Plant Cell, 2018, 30, 264-264. | 6.6 | 0 |
| 50 | Loss of a Silencing Cascade Contributed to Indica Rice Domestication. Plant Cell, 2018, 30, 2643-2643. | 6.6 | 0 |
| 51 | Microtubules Direct Lignin and Xylan Deposition in a Cellulose-Independent Manner. Plant Cell, 2018, 30, 2644-2645. | 6.6 | 0 |
| 52 | Small Talk: Protons Help Calcium Get the Message Across. Plant Cell, 2018, 30, 2885-2886. | 6.6 | 0 |