Kathryn Mary Wright

List of Publications by Year
in descending order

40	1,861	236925 25	302126 39
papers	citations	h-index	g-index
42	42	42	1909
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Expression of GFP-fusions in Arabidopsis companion cells reveals non-specific protein trafficking into sieve elements and identifies a novel post-phloem domain in roots. Plant Journal, 2004, 41, 319-331.	5.7	244
2	Targeting of TMV Movement Protein to Plasmodesmata Requires the Actin/ER Network; Evidence From FRAP. Traffic, 2007, 8, 21-31.	2.7	133
3	The TGB1 Movement Protein of <i>Potato virus X</i> Reorganizes Actin and Endomembranes into the X-Body, a Viral Replication Factory Â. Plant Physiology, 2012, 158, 1359-1370.	4.8	115
4	Translocation of Tomato Bushy Stunt Virus P19 Protein into the Nucleus by ALY Proteins Compromises Its Silencing Suppressor Activity. Journal of Virology, 2006, 80, 9064-9072.	3.4	91
5	Analysis of the N Gene Hypersensitive Response Induced by a Fluorescently Tagged Tobacco Mosaic Virus. Plant Physiology, 2000, 123, 1375-1386.	4.8	86
6	Raspberry leaf blotch virus, a putative new member of the genus Emaravirus, encodes a novel genomic RNA. Journal of General Virology, 2012, 93, 430-437.	2.9	85
7	Symplastic communication between primary and developing lateral roots ofArabidopsis thaliana. Journal of Experimental Botany, 1995, 46, 187-197.	4.8	82
8	Genomic characterisation of the effector complement of the potato cyst nematode Globodera pallida. BMC Genomics, 2014, 15, 923.	2.8	81
9	The Endophytic Lifestyle of <i>Escherichia coli</i> O157:H7: Quantification and Internal Localization in Roots. Phytopathology, 2013, 103, 333-340.	2.2	72
10	The fluorescent probe HPTS as a phloem-mobile, symplastic tracer: an evaluation using confocal laser scanning microscopy. Journal of Experimental Botany, 1996, 47, 439-445.	4.8	69
11	Structural and Functional Vein Maturation in Developing Tobacco Leaves in Relation to AtSUC2 Promoter Activity. Plant Physiology, 2003, 131, 1555-1565.	4.8	67
12	Metabolic inhibitors induce symplastic movement of solutes from the transport phloem ofArabidopsisroots. Journal of Experimental Botany, 1997, 48, 1807-1814.	4.8	66
13	Influence of cell turgor on sucrose partitioning in potato tuber storage tissues. Planta, 1988, 175, 520-526.	3.2	58
14	Differences in internalization and growth of <i><scp>E</scp>scherichia coli</i> O157:H7 within the apoplast of edible plants, spinach and lettuce, compared with the model species <i><scp>N</scp>icotiana benthamiana</i>. Microbial Biotechnology, 2017, 10, 555-569.	4.2	57
15	Osmotic regulation of starch synthesis in potato tubers?. Planta, 1988, 174, 123-126.	3.2	52
16	Quantification and colonisation dynamics of Escherichia coli O157:H7 inoculation of microgreens species and plant growth substrates. International Journal of Food Microbiology, 2018, 273, 1-10.	4.7	48
17	The N-Terminal Domain of PMTV TGB1 Movement Protein Is Required for Nucleolar Localization, Microtubule Association, and Long-Distance Movement. Molecular Plant-Microbe Interactions, 2010, 23, 1486-1497.	2.6	47
18	Phloem mobility of fluorescent xenobiotics inArabidopsisin relation to their physicochemical properties. Journal of Experimental Botany, 1996, 47, 1779-1787.	4.8	44

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19	Potato tuber pectin structure is influenced by pectin methyl esterase activity and impacts on cooked potato texture. Journal of Experimental Botany, 2011, 62, 371-381.	4.8	39
20	Mapping the H2 resistance effective against Globodera pallida pathotype Pa1 in tetraploid potato. Theoretical and Applied Genetics, 2019, 132, 1283-1294.	3.6	36
21	Physicochemical properties alone do not predict the movement and compartmentation of fluorescent xenobiotics. Journal of Experimental Botany, 1994, 45, 35-44.	4.8	31
22	The Globodera pallida SPRYSEC Effector GpSPRY-414-2 That Suppresses Plant Defenses Targets a Regulatory Component of the Dynamic Microtubule Network. Frontiers in Plant Science, 2018, 9, 1019.	3.6	31
23	Sucrose uptake and partitioning in discs derived from source versus sink potato tubers. Planta, 1989, 177, 237-244.	3.2	27
24	Characterisation and functional analysis of two barley caleosins expressed during barley caryopsis development. Planta, 2005, 221, 513-522.	3.2	27
25	Unusual Features of Pomoviral RNA Movement. Frontiers in Microbiology, 2011, 2, 259.	3.5	27
26	Infection strategy of <i>Ramularia colloâ€cygni</i> and development of ramularia leaf spot on barley and alternative graminaceous hosts. Plant Pathology, 2017, 66, 45-55.	2.4	25
27	<i>Potato virus Y</i> HCPro Localization at Distinct, Dynamically Related and Environment-Influenced Structures in the Cell Cytoplasm. Molecular Plant-Microbe Interactions, 2014, 27, 1331-1343.	2.6	17
28	Resistance to Rhynchosporium commune in a collection of European spring barley germplasm. Theoretical and Applied Genetics, 2018, 131, 2513-2528.	3.6	17
29	Hexose Accumulation and Turgor-Sensitive Starch Synthesis in Discs Derived from Source versus Sink Potato Tubers. Journal of Experimental Botany, 1990, 41, 1355-1360.	4.8	15
30	Dynamic localization of two tobamovirus ORF6 proteins involves distinct organellar compartments. Journal of General Virology, 2013, 94, 230-240.	2.9	14
31	Assessment of fluorescein-based fluorescent dyes for tracing<i>Neotyphodium</i>endophytes in planta. Mycologia, 2013, 105, 221-229.	1.9	12
32	Regulation of non-autotrophic carbon dioxide assimilation by ammonia in cultured cells of Acer pseudoplatanus L. Plant Science, 1988, 58, 151-158.	3.6	10
33	Plasmodesmal Targeting and Accumulation of TMV Movement Protein. Plant Signaling and Behavior, 2007, 2, 180-181.	2.4	7
34	Characterisation of barley landraces from Syria and Jordan for resistance to rhynchosporium and identification of diagnostic markers for Rrs1Rh4. Theoretical and Applied Genetics, 2020, 133, 1243-1264.	3.6	7
35	The role of l-arabinose metabolism for Escherichia coli O157:H7 in edible plants. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Ove	1.8	6
36	The ER Within Plasmodesmata. Plant Cell Monographs, 2006, , 279-308.	0.4	5

#	Article	IF	Citations
37	MacConkey broth purple provides an efficient MPN estimation method for Shigatoxigenic Escherichia coli. Journal of Microbiological Methods, 2021, 181, 106132.	1.6	4
38	Escherichia coli O157:H7 F9 Fimbriae Recognize Plant Xyloglucan and Elicit a Response in Arabidopsis thaliana. International Journal of Molecular Sciences, 2020, 21, 9720.	4.1	3
39	Observations on the accumulation of five xenobiotic chemicals in phloem versus parenchyma tissues of celery. Pest Management Science, 1994, 42, 17-24.	0.4	2
40	Probing Protein Targeting to Plasmodesmata Using Fluorescence Recovery After Photo-Bleaching. Methods in Molecular Biology, 2015, 1217, 259-274.	0.9	0