Peter Nick

List of Publications by Year in descending order

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203 papers	5,908 citations	61984 43 h-index	95266 68 g-index
207 all docs	207 docs citations	207 times ranked	5494 citing authors

#	Article	IF	Citations
1	A modular microfluidic bioreactor to investigate plant cellâ€“cell interactions. Protoplasma, 2022, 259, 173-186.	2.1	8
2	Biological signalling supports biotechnology â€“ Pulsed electric fields extract a cell-death inducing factor from Chlorella vulgaris. Bioelectrochemistry, 2022, 143, 107991.	4.6	4
3	A rice tubulin tyrosine ligase like 12 regulates phospholipase D activity and tubulin synthesis. Plant Science, 2022, 316, 111155.	3.6	1
4	The jasmonate biosynthesis Gene OsOPR7 can mitigate salinity induced mitochondrial oxidative stress. Plant Science, 2022, 316, 111156.	3.6	8
5	Aluminum can activate grapevine defense through actin remodeling. Horticulture Research, 2022, 9, .	6.3	5
6	Is a genome more than its genes?. Protoplasma, 2022, 259, 233-235.	2.1	0
7	Universalistic legacy. Protoplasma, 2022, 259, 485.	2.1	0
8	Aniplant or plantimal? Superorganisms cross borders. Protoplasma, 2022, 259, 1-2.	2.1	2
9	The Minus-End-Directed Kinesin OsDLK Shuttles to the Nucleus and Modulates the Expression of Cold-Box Factor 4. International Journal of Molecular Sciences, 2022, 23, 6291.	4.1	4
10	A rice tubulin tyrosine ligaseâ€like 12 protein affects the dynamic and orientation of microtubules. Journal of Integrative Plant Biology, 2021, 63, 848-864.	8.5	5
11	Glycyrrhizin, the active compound of the TCM drug Gan Cao stimulates actin remodelling and defence in grapevine. Plant Science, 2021, 302, 110712.	3.6	9
12	Ancestral chemotypes of cultivated grapevine with resistance to Botryosphaeriaceaeâ€related dieback allocate metabolism towards bioactive stilbenes. New Phytologist, 2021, 229, 1133-1146.	7.3	22
13	Sensitive or sentientâ€”a painful debate. Protoplasma, 2021, 258, 235-238.	2.1	1
14	Identification of Mint Scents Using a QCM Based E-Nose. Chemosensors, 2021, 9, 31.	3.6	27
15	Intelligence without neurons: a Turing Test for plants?. Protoplasma, 2021, 258, 455-458.	2.1	3
16	Mining Sorghum Biodiversityâ€”Potential of Dual-Purpose Hybrids for Bio-Economy. Diversity, 2021, 13, 192.	1.7	6
17	Steady flow, not steady state â€“ a plea for physiological thinking. Protoplasma, 2021, 258, 681-682.	2.1	1
18	Editorial: How Cells Build Plants: Regulatory Mechanisms for Integrated Functioning of Plant Cells and the Whole Plant Body. Frontiers in Plant Science, 2021, 12, 706892.	3.6	0

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19	Sniff Species: SURMOF-Based Sensor Array Discriminates Aromatic Plants beyond the Genus Level. Chemosensors, 2021, 9, 171.	3.6	5
20	Authentication of holy basil using markers relating to a toxicology-relevant compound. European Food Research and Technology, 2021, 247, 2485-2497.	3.3	4
21	Starve to Sustainâ€"An Ancient Syrian Landrace of Sorghum as Tool for Phosphorous Bio-Economy?. International Journal of Molecular Sciences, 2021, 22, 9312.	4.1	5
22	Black is beautiful (and protective): melanin synthesis in animals and plants. Protoplasma, 2021, 258, 923-924.	2.1	3
23	Antiâ€microtubule activity of the traditional Chinese medicine herb Northern Ban Lan (<i>Isatis) Tj ETQq1 1 0.784314 rgBT /Overlock	8.5	1
24	On humans and their cropsâ€"miRNAs and the evolution of fertility. Protoplasma, 2021, 258, 1-2.	2.1	4
25	Dissecting the membrane-microtubule sensor in grapevine defence. Horticulture Research, 2021, 8, 260.	6.3	7
26	Morphological and molecular characterization of sweet, grain and forage sorghum (<i>Sorghum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 49-58.	1.6	14
27	Upstream of gene expression: what is the role of microtubules in cold signalling?. Journal of Experimental Botany, 2020, 71, 36-48.	4.8	24
28	Cellular Base of Mint Allelopathy: Menthone Affects Plant Microtubules. Frontiers in Plant Science, 2020, 11, 546345.	3.6	22
29	Nanosecond pulsed electric fields modulate the expression of the astaxanthin biosynthesis genes psy, crtR-b and bkt 1 in Haematococcus pluvialis. Scientific Reports, 2020, 10, 15508.	3.3	10
30	Nanosecond pulsed electrical fields enhance product recovery in plant cell fermentation. Protoplasma, 2020, 257, 1585-1594.	2.1	6
31	A mitochondria-targeted coenzyme Q peptoid induces superoxide dismutase and alleviates salinity stress in plant cells. Scientific Reports, 2020, 10, 11563.	3.3	7
32	Be general, but be specificâ€"hidden traps of model transfer in cell biology. Protoplasma, 2020, 257, 1495-1496.	2.1	0
33	Italian weedy riceâ€"A case of deâ€domestication?. Ecology and Evolution, 2020, 10, 8449-8464.	1.9	16
34	The stable brother hiding in the shadowâ€"news on intermediate filaments. Protoplasma, 2020, 257, 1257-1258.	2.1	2
35	Double lysis: an integrative time-saving method yielding high-quality RNA from strawberry. Journal of Genetic Engineering and Biotechnology, 2020, 18, 22.	3.3	1
36	Tracking footprints of plastid evolution. Protoplasma, 2020, 257, 1019-1020.	2.1	1

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37	Hunting modulators of plant defence: the grapevine trunk disease fungus Eutypa lata secretes an amplifier for plant basal immunity. Journal of Experimental Botany, 2020, 71, 3710-3724.	4.8	12
38	On the applicability of the Tubulin-Based Polymorphism (TBP) genotyping method: a comprehensive guide illustrated through the application on different genetic resources in the legume family. Plant Methods, 2020, 16, 86.	4.3	9
39	Microscopic Authentication of Commercial Herbal Products in the Globalized Market: Potential and Limitations. Frontiers in Pharmacology, 2020, 11, 876.	3.5	29
40	At the border of the unknownâ€"a plea for curiosity. Protoplasma, 2020, 257, 1-2.	2.1	2
41	How to handle the risks of oxygen. Protoplasma, 2020, 257, 333-334.	2.1	0
42	A Peptoid Delivers CoQ-derivative to Plant Mitochondria via Endocytosis. Scientific Reports, 2019, 9, 9839.	3.3	4
43	A plea for biological descriptions: the case of reproduction biology. Protoplasma, 2019, 256, 1461-1462.	2.1	0
44	Move backward, forward signals. Protoplasma, 2019, 256, 1171-1172.	2.1	0
45	Gender studiesâ€"a cell biological viewpoint. Protoplasma, 2019, 256, 1-2.	2.1	3
46	Symbiotic secrets. Protoplasma, 2019, 256, 881-882.	2.1	0
47	Pulsed electric field (PEF)-assisted protein recovery from Chlorella vulgaris is mediated by an enzymatic process after cell death. Algal Research, 2019, 41, 101536.	4.6	40
48	The power of timeâ€"how to set up a rhythm. Protoplasma, 2019, 256, 583-584.	2.1	0
49	Coupling Langmuir with Michaelis-Mentenâ€"A practical alternative to estimate Se content in rice?. PLoS ONE, 2019, 14, e0214219.	2.5	1
50	Two grapevine metacaspase genes mediate ETI-like cell death in grapevine defence against infection of Plasmopara viticola. Protoplasma, 2019, 256, 951-969.	2.1	34
51	Tubulin is actively exported from the nucleus through the Exportin1/CRM1 pathway. Scientific Reports, 2019, 9, 5725.	3.3	21
52	Microtubule dynamics modulate sensing during cold acclimation in grapevine suspension cells. Plant Science, 2019, 280, 18-30.	3.6	24
53	A rice class-XIV kinesin enters the nucleus in response to cold. Scientific Reports, 2018, 8, 3588.	3.3	18
54	Grapevine fatty acid hydroperoxide lyase generates actin-disrupting volatiles and promotes defence-related cell death. Journal of Experimental Botany, 2018, 69, 2883-2896.	4.8	16

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55	Cell shape can be uncoupled from formononetin induction in a novel cell line from Callerya speciosa. Plant Cell Reports, 2018, 37, 665-676.	5.6	3
56	The genetic self. Protoplasma, 2018, 255, 437-438.	2.1	0
57	Living interfaces watched with new tools. Protoplasma, 2018, 255, 717-718.	2.1	0
58	Destroy to create. Protoplasma, 2018, 255, 1-2.	2.1	3
59	Product authenticity versus globalisationâ€"The Tulsi case. PLoS ONE, 2018, 13, e0207763.	2.5	29
60	Goji Who? Morphological and DNA Based Authentication of a â€œSuperfoodâ€• Frontiers in Plant Science, 2018, 9, 1859.	3.6	28
61	Why starch is essential and dispensable. Protoplasma, 2018, 255, 1595-1596.	2.1	1
62	Ars comparandi: â€œmolecular convergenceâ€•versus â€œfunctional homologyâ€• Protoplasma, 2018, 255, 1263-1265.	2.1	2
63	Phase in space. Protoplasma, 2018, 255, 987-988.	2.1	0
64	Challenge Integrity: The Cell-Penetrating Peptide BP100 Interferes with the Auxinâ€"Actin Oscillator. Plant and Cell Physiology, 2017, 58, pcw161.	3.1	31
65	Jasmonates are induced by the PAMP flg22 but not the cell death-inducing elicitor Harpin in Vitis rupestris. Protoplasma, 2017, 254, 271-283.	2.1	36
66	Nanosecond pulsed electric fields trigger cell differentiation in Chlamydomonas reinhardtii. Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 651-661.	2.6	17
67	Mechanics of mystery. Protoplasma, 2017, 254, 615-616.	2.1	0
68	Cold sensing in grapevineâ€"Which signals are upstream of the microtubular â€œthermometerâ€• Plant, Cell and Environment, 2017, 40, 2844-2857.	5.7	46
69	Sensory role of actin in auxin-dependent responses of tobacco BY-2. Journal of Plant Physiology, 2017, 218, 6-15.	3.5	17
70	Causa formalisâ€"detail matters. Protoplasma, 2017, 254, 1469-1470.	2.1	1
71	Single microtubules and small networks become significantly stiffer on short time-scales upon mechanical stimulation. Scientific Reports, 2017, 7, 4229.	3.3	16
72	Membranes of unification. Protoplasma, 2017, 254, 1-2.	2.1	4

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73	Biological Responses. , 2017, , 155-274.		3
74	Hijacking cellular signals. Protoplasma, 2017, 254, 2053-2054.	2.1	0
75	Combination of Plant Metabolic Modules Yields Synthetic Synergies. PLoS ONE, 2017, 12, e0169778.	2.5	12
76	Probing the contractile vacuole as Achillesâ€™ heel of the biotrophic grapevine pathogen Plasmopara viticola. Protoplasma, 2017, 254, 1887-1901.	2.1	15
77	Break of symmetry in regenerating tobacco protoplasts is independent of nuclear positioning. Journal of Integrative Plant Biology, 2016, 58, 799-812.	8.5	2
78	A stilbene synthase allele from a Chinese wild grapevine confers resistance to powdery mildew by recruiting salicylic acid signalling for efficient defence. Journal of Experimental Botany, 2016, 67, 5841-5856.	4.8	45
79	Different forms of osmotic stress evoke qualitatively different responses in rice. Journal of Plant Physiology, 2016, 202, 45-56.	3.5	25
80	Life breaks symmetry. Protoplasma, 2016, 253, 965-966.	2.1	1
81	Life versus â€˜biomassâ€™â€”why application needs cell biology. Protoplasma, 2016, 253, 1175-1176.	2.1	0
82	Cellular mysteries of plant sex. Protoplasma, 2016, 253, 1389-1390.	2.1	1
83	If you cannot move, send messengers: how cells organize space. Protoplasma, 2016, 253, 217-218.	2.1	0
84	From information to knowledge. Protoplasma, 2016, 253, 1-2.	2.1	2
85	Time-resolved NMR metabolomics of plant cells based on a microfluidic chip. Journal of Plant Physiology, 2016, 200, 28-34.	3.5	12
86	Mining new resources for grape resistance against Botryosphaeriaceae: a focus on Vitis vinifera subsp. sylvestris. Plant Pathology, 2016, 65, 273-284.	2.4	33
87	An ancestral allele of grapevine transcription factorMYB14promotes plant defence. Journal of Experimental Botany, 2016, 67, 1795-1804.	4.8	48
88	An antifungal protein from Ginkgo biloba binds actin and can trigger cell death. Protoplasma, 2016, 253, 1159-1174.	2.1	19
89	Crop wild relatives as genetic resources â€“ the case of the European wild grape. Canadian Journal of Plant Science, 2015, 95, 905-912.	0.9	17
90	Plant Cells Use Auxin Efflux to Explore Geometry. Scientific Reports, 2015, 4, 5852.	3.3	10

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91	Enlightenment by the invisible. Protoplasma, 2015, 252, 1187-1188.	2.1	0
92	Turn of the screwâ€"helicases everywhere. Protoplasma, 2015, 252, 1407-1408.	2.1	0
93	Actin as Deathly Switch? How Auxin Can Suppress Cell-Death Related Defence. PLoS ONE, 2015, 10, e0125498.	2.5	34
94	Exploring Jasmonates in the Hormonal Network of Drought and Salinity Responses. Frontiers in Plant Science, 2015, 6, 1077.	3.6	221
95	Increased tolerance to salt stress in OPDA-deficient rice ALLENE OXIDE CYCLASE mutants is linked to an increased ROS-scavenging activity. Journal of Experimental Botany, 2015, 66, 3339-3352.	4.8	141
96	Genetic diversity of stilbene metabolism in Vitis sylvestris. Journal of Experimental Botany, 2015, 66, 3243-3257.	4.8	71
97	Suppression of tubulin detyrosination by parthenolide recruits the plant-specific kinesin KCH to cortical microtubules. Journal of Experimental Botany, 2015, 66, 2001-2011.	4.8	15
98	Plastic plastids. Protoplasma, 2015, 252, 1-2.	2.1	5
99	The secret masters of the planet reveal their secrets. Protoplasma, 2015, 252, 383-384.	2.1	0
100	Hypothesis-driven research for hypothesis-driven application. Protoplasma, 2015, 252, 715-716.	2.1	0
101	Perfumes of survival. Protoplasma, 2015, 252, 933-934.	2.1	2
102	Gallic acid induces mitotic catastrophe and inhibits centrosomal clustering in HeLa cells. Toxicology in Vitro, 2015, 30, 506-513.	2.4	23
103	A balanced JA/ABA status may correlate with adaptation to osmotic stress in Vitis cells. Journal of Plant Physiology, 2015, 185, 57-64.	3.5	17
104	Tubulin marker line of grapevine suspension cells as a tool to follow early stress responses. Journal of Plant Physiology, 2015, 176, 118-128.	3.5	14
105	Effects of Light and Wounding on Jasmonates in Rice phyAphyC Mutants. Plants, 2014, 3, 143-159.	3.5	7
106	The OberhÃutchen principleâ€"growth and integrity. Protoplasma, 2014, 251, 1263-1264.	2.1	1
107	Why to Spend Tax Money on Plant Microtubules?. Plant Cell Monographs, 2014, , 39-67.	0.4	3
108	De Novo Characterization of a Cephalotaxus hainanensis Transcriptome and Genes Related to Paclitaxel Biosynthesis. PLoS ONE, 2014, 9, e106900.	2.5	29

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109	Methusalemâ€™s mystery. Protoplasma, 2014, 251, 1-2.	2.1	0
110	Genetic authentication by RFLP versus ARMS? The case of Moldavian dragonhead (Dracocephalum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.3	16
111	Life and death under salt stress: same players, different timing?. Journal of Experimental Botany, 2014, 65, 2963-2979.	4.8	240
112	Characterization of microbial current production as a function of microbeâ€“electrode-interaction. Bioresource Technology, 2014, 157, 284-292.	9.6	68
113	Actin marker lines in grapevine reveal a gatekeeper function of guard cells. Journal of Plant Physiology, 2014, 171, 1164-1173.	3.5	15
114	Light induces jasmonateâ€isoleucine conjugation via <scp>OsJAR1</scp>â€dependent and â€independent pathways in rice. Plant, Cell and Environment, 2014, 37, 827-839.	5.7	47
115	Salt adaptation requires efficient fine-tuning of jasmonate signalling. Protoplasma, 2014, 251, 881-898.	2.1	41
116	Transcending bordersâ€”integrating cell biology in the new Protoplasma. Protoplasma, 2014, 251, 989-990.	2.1	2
117	Sniff and runâ€”the chemistry of attraction. Protoplasma, 2014, 251, 459-460.	2.1	0
118	Chicken or eggâ€”Weismann revisited. Protoplasma, 2014, 251, 729-730.	2.1	0
119	Organization of perinuclear actin in live tobacco cells observed by PALM with optical sectioning. Journal of Plant Physiology, 2014, 171, 97-108.	3.5	33
120	Plant Cell Strains in Fundamental Research and Applications. Plant Cell Monographs, 2014, , 455-481.	0.4	8
121	Identification of rice Allene Oxide Cyclase mutants and the function of jasmonate for defence against <scp>Magnaporthe oryzae</scp>. Plant Journal, 2013, 74, 226-238.	5.7	204
122	You need to see what you want to understandâ€”ultrastructure helps to uncover the mysteries of early life. Protoplasma, 2013, 250, 797-798.	2.1	0
123	Significant signalsâ€”versatile interpreters. Protoplasma, 2013, 250, 637-638.	2.1	0
124	Green signals for life and death. Protoplasma, 2013, 250, 423-424.	2.1	0
125	The plant cytoskeleton controls regulatory volume increase. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 2111-2120.	2.6	39
126	A cell biologist on Marsâ€”the exotic world of algal cells. Protoplasma, 2013, 250, 963-964.	2.1	0

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127	Activity in space. Protoplasma, 2013, 250, 1229-1230.	2.1	1
128	Nanosecond Electric Pulses Affect a Plant-Specific Kinesin at the Plasma Membrane. Journal of Membrane Biology, 2013, 246, 927-938.	2.1	15
129	Moonlighting organellesâ€"signals and cellular architecture. Protoplasma, 2013, 250, 1-2.	2.1	5
130	Nicotiana tabacum actin-depolymerizing factor 2 is involved in actin-driven, auxin-dependent patterning. Journal of Plant Physiology, 2013, 170, 1057-1066.	3.5	24
131	Microtubules, signalling and abiotic stress. Plant Journal, 2013, 75, 309-323.	5.7	134
132	The cytoskeleton is disrupted by the bacterial effector HrpZ, but not by the bacterial PAMP flg22, in tobacco BY-2 cells. Journal of Experimental Botany, 2013, 64, 1805-1816.	4.8	38
133	Dynamic Actin Controls Polarity Induction de novo in Protoplasts. Journal of Integrative Plant Biology, 2013, 55, 142-159.	8.5	27
134	Microsatellite markers reveal multiple origins for <scp>I</scp>talian weedy rice. Ecology and Evolution, 2013, 3, 4786-4798.	1.9	27
135	The jasmonate pathway mediates salt tolerance in grapevines. Journal of Experimental Botany, 2012, 63, 2127-2139.	4.8	147
136	Hsp90 binds microtubules and is involved in the reorganization of the microtubular network in angiosperms. Journal of Plant Physiology, 2012, 169, 1329-1339.	3.5	15
137	Defence Signalling Triggered by Flg22 and Harpin Is Integrated into a Different Stilbene Output in Vitis Cells. PLoS ONE, 2012, 7, e40446.	2.5	58
138	Molecular diagnostics of Lemon Myrtle (Backhousia citriodora versus Leptospermum citratum). European Food Research and Technology, 2012, 234, 853-861.	3.3	14
139	Microtubules and the tax payer. Protoplasma, 2012, 249, 81-94.	2.1	23
140	Why the taxpayer profits from plant cell biologyâ€"special issue â€œApplied Plant Cell Biologyâ€• Protoplasma, 2012, 249, 77-79.	2.1	1
141	A novel actinâ€"microtubule crossâ€linking kinesin, NtKCH, functions in cell expansion and division. New Phytologist, 2012, 193, 576-589.	7.3	69
142	A patch clamp study on the electro-permeabilization of higher plant cells: Supra-physiological voltages induce a high-conductance, K+ selective state of the plasma membrane. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 1728-1736.	2.6	21
143	Plant actin controls membrane permeability. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 2304-2312.	2.6	69
144	The Phytoalexin Resveratrol Regulates the Initiation of Hypersensitive Cell Death in Vitis Cell. PLoS ONE, 2011, 6, e26405.	2.5	123

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145	Cryptic diversity of Plasmopara viticola (Oomycota, Peronosporaceae) in North America. Organisms Diversity and Evolution, 2011, 11, 3-7.	1.6	30
146	Using the Peptide Bp100 as a Cellâ€Penetrating Tool for the Chemical Engineering of Actin Filaments within Living Plant Cells. ChemBioChem, 2011, 12, 132-137.	2.6	75
147	Mechanics of the Cytoskeleton. Signaling and Communication in Plants, 2011, , 53-90.	0.7	16
148	Use of Nanoparticles to Study and Manipulate Plant cells. Advanced Engineering Materials, 2010, 12, B406.	3.5	18
149	Tobacco mutants with reduced microtubule dynamics are less susceptible to TMV. Plant Journal, 2010, 62, 829-839.	5.7	52
150	A kinesin with calponin-homology domain is involved in premitotic nuclear migration. Journal of Experimental Botany, 2010, 61, 3423-3437.	4.8	60
151	Plant cell division is specifically affected by nitrotyrosine. Journal of Experimental Botany, 2010, 61, 901-909.	4.8	48
152	Light can rescue auxin-dependent synchrony of cell division in a tobacco cell line. Journal of Experimental Botany, 2010, 61, 503-510.	4.8	12
153	The cytoskeleton enhances gene expression in the response to the Harpin elicitor in grapevine. Journal of Experimental Botany, 2010, 61, 4021-4031.	4.8	76
154	Probing the actin-auxin oscillator. Plant Signaling and Behavior, 2010, 5, 94-98.	2.4	43
155	Molecular phylogeny of the genus Vitis (Vitaceae) based on plastid markers. American Journal of Botany, 2010, 97, 1168-1178.	1.7	69
156	Auxin Stimulates Its Own Transport by Shaping Actin Filaments. Plant Physiology, 2009, 151, 155-167.	4.8	113
157	Tobacco Arp3 is localized to actin-nucleating sites in vivo. Journal of Experimental Botany, 2009, 60, 603-614.	4.8	42
158	Dynamic Bridgesâ€"A Calponin-Domain Kinesin From Rice Links Actin Filaments and Microtubules in Both Cycling and Non-Cycling Cells. Plant and Cell Physiology, 2009, 50, 1493-1506.	3.1	54
159	Manipulation of Intracellular Auxin in a Single Cell by Light with Esteraseâ€Resistant Caged Auxins. ChemBioChem, 2009, 10, 2195-2202.	2.6	31
160	Passage of Trojan Peptoids into Plant Cells. ChemBioChem, 2009, 10, 2504-2512.	2.6	45
161	Phytochrome A requires jasmonate for photodestruction. Planta, 2009, 229, 1035-1045.	3.2	31
162	Editorial: comparing is worth the effortâ€"lessons from mitosis. Protoplasma, 2009, 237, 1-2.	2.1	1

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163	Development and validation of microscopical diagnostics for â€˜Tulsiâ€™ (Ocimum tenuiflorum L.) in ayurvedic preparations. European Food Research and Technology, 2009, 229, 99-106.	3.3	10
164	The mode of interaction between Vitis and Plasmopara viticola Berk. & Curt. Ex de Bary depends on the host species. Plant Biology, 2009, 11, 886-898.	3.8	67
165	Nanosecond electric pulses trigger actin responses in plant cells. Biochemical and Biophysical Research Communications, 2009, 387, 590-595.	2.1	58
166	Cell cycle phaseâ€specific death response of tobacco BYâ€2 cell line to cadmium treatment. Plant, Cell and Environment, 2008, 31, 1634-1643.	5.7	31
167	Microtubules and the Evolution of Mitosis. , 2008, , 233-266.		13
168	Actin Is Involved in Auxin-Dependent Patterning. Plant Physiology, 2007, 143, 1695-1704.	4.8	97
169	Direct Immunofluorescence of Plant Microtubules Based on Semiconductor Nanocrystals. Bioconjugate Chemistry, 2007, 18, 1879-1886.	3.6	22
170	Control of Cell Axis. , 2007, , 3-46.		16
171	Noise Yields Order - Auxin, Actin, and Polar Patterning. Plant Biology, 2006, 8, 360-370.	3.8	12
172	Acrylamide inhibits gravitropism and affects microtubules in rice coleoptiles. Protoplasma, 2006, 227, 211-222.	2.1	10
173	Auxin-Dependent Cell Division and Cell Elongation. 1-Naphthaleneacetic Acid and 2,4-Dichlorophenoxyacetic Acid Activate Different Pathways. Plant Physiology, 2005, 137, 939-948.	4.8	141
174	Capturing in vivo Dynamics of the Actin Cytoskeleton Stimulated by Auxin or Light. Plant and Cell Physiology, 2004, 45, 855-863.	3.1	58
175	The jasmonate-free rice mutant hebiba is affected in the response of phyAâ€²/phyAâ€³ pools and protochlorophyllide biosynthesis to far-red light. Photochemical and Photobiological Sciences, 2004, 3, 1058-1062.	2.9	18
176	A large plant beta-tubulin family with minimal C-terminal variation but differences in expression. Gene, 2004, 340, 151-160.	2.2	27
177	Activation-tagged tobacco mutants that are tolerant to antimicrotubular herbicides are cross-resistant to chilling stress. Transgenic Research, 2003, 12, 615-629.	2.4	31
178	A myosin inhibitor impairs auxin-induced cell division. Protoplasma, 2003, 222, 193-204.	2.1	21
179	Impaired Induction of the Jasmonate Pathway in the Rice Mutant hebiba Â. Plant Physiology, 2003, 133, 1820-1830.	4.8	128
180	Auxin Transport Synchronizes the Pattern of Cell Division in a Tobacco Cell Line. Plant Physiology, 2003, 133, 1251-1260.	4.8	56

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181	Is Microtubule Disassembly a Trigger for Cold Acclimation?. Plant and Cell Physiology, 2003, 44, 676-686.	3.1	156
182	Visualizing the Self-Assembly of Tubulin with Luminescent Nanorods. Journal of Nanoscience and Nanotechnology, 2003, 3, 380-385.	0.9	44
183	Aluminum-Induced Rapid Changes in the Microtubular Cytoskeleton of Tobacco Cell Lines. Plant and Cell Physiology, 2002, 43, 207-216.	3.1	77
184	The host guides morphogenesis and stomatal targeting in the grapevine pathogen Plasmopara viticola. Planta, 2002, 215, 387-393.	3.2	129
185	Cytoskeletal responses during early development of the downy mildew of grapevine (Plasmopara) Tj ETQq1 1 0.784314 rgBT /Overlo	2.1	37
186	A role for actin-driven secretion in auxin-induced growth. Protoplasma, 2002, 219, 0072-0081.	2.1	58
187	The stability of cortical microtubules depends on their orientation. Plant Journal, 2002, 32, 1023-1032.	5.7	63
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