

Masamitsu Wada

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/800535/publications.pdf>

Version: 2024-02-01

130
papers

8,301
citations

53794

45
h-index

49909

87
g-index

132
all docs

132
docs citations

132
times ranked

4209
citing authors

#	ARTICLE	IF	CITATIONS
1	phot1 and phot2 mediate blue light regulation of stomatal opening. <i>Nature</i> , 2001, 414, 656-660.	27.8	841
2	Arabidopsis NPL1: A Phototropin Homolog Controlling the Chloroplast High-Light Avoidance Response. <i>Science</i> , 2001, 291, 2138-2141.	12.6	642
3	Chloroplast avoidance movement reduces photodamage in plants. <i>Nature</i> , 2002, 420, 829-832.	27.8	497
4	CHLOROPLASTMOVEMENT. <i>Annual Review of Plant Biology</i> , 2003, 54, 455-468.	18.7	321
5	CHLOROPLAST UNUSUAL POSITIONING1 Is Essential for Proper Chloroplast Positioning. <i>Plant Cell</i> , 2003, 15, 2805-2815.	6.6	246
6	A Role for LKP2 in the Circadian Clock of Arabidopsis. <i>Plant Cell</i> , 2001, 13, 2659-2670.	6.6	225
7	Responses of ferns to red light are mediated by an unconventional photoreceptor. <i>Nature</i> , 2003, 421, 287-290.	27.8	221
8	Short actin-based mechanism for light-directed chloroplast movement in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 13106-13111.	7.1	189
9	Chloroplast Outer Envelope Protein CHUP1 Is Essential for Chloroplast Anchorage to the Plasma Membrane and Chloroplast Movement. <i>Plant Physiology</i> , 2008, 148, 829-842.	4.8	178
10	From The Cover: A chimeric photoreceptor gene, NEOCHROME, has arisen twice during plant evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 13705-13709.	7.1	163
11	An Auxilin-Like J-Domain Protein, JAC1, Regulates Phototropin-Mediated Chloroplast Movement in Arabidopsis. <i>Plant Physiology</i> , 2005, 139, 151-162.	4.8	150
12	Two kinesin-like proteins mediate actin-based chloroplast movement in <i>Arabidopsis thaliana</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 8860-8865.	7.1	145
13	Chloroplast movement. <i>Plant Science</i> , 2013, 210, 177-182.	3.6	142
14	Phototropins Mediate Blue and Red Light-Induced Chloroplast Movements in <i>Physcomitrella patens</i> . <i>Plant Physiology</i> , 2004, 135, 1388-1397.	4.8	138
15	Intracellular Photoreceptive Site for Polarotropism in Protonema of the Fern <i>Adiantum capillus-veneris</i> L. <i>Plant and Cell Physiology</i> , 1981, 22, 1481-1488.	3.1	118
16	Evolution of Three LOV Blue Light Receptor Families in Green Plants and Photosynthetic Stramenopiles: Phototropin, ZTL/FKF1/LKP2 and Aureochrome. <i>Plant and Cell Physiology</i> , 2013, 54, 8-23.	3.1	115
17	Plant organelle positioning. <i>Current Opinion in Plant Biology</i> , 2004, 7, 626-631.	7.1	114
18	Interaction between avoidance of photon absorption, excess energy dissipation and zeaxanthin synthesis against photooxidative stress in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2013, 76, 568-579.	5.7	114

#	ARTICLE	IF	CITATIONS
19	Function Analysis of Phototropin2 using Fern Mutants Deficient in Blue Light-Induced Chloroplast Avoidance Movement. <i>Plant and Cell Physiology</i> , 2004, 45, 416-426.	3.1	113
20	Chloroplast photorelocation movement mediated by phototropin family proteins in green plants. <i>Biological Chemistry</i> , 2007, 388, 927-935.	2.5	107
21	Cryptochrome Nucleocytoplasmic Distribution and Gene Expression Are Regulated by Light Quality in the Fern <i>Adiantum capillus-veneris</i> . <i>Plant Cell</i> , 2000, 12, 81-95.	6.6	104
22	Intracellular chloroplast photorelocation in the moss <i>Physcomitrella patens</i> is mediated by phytochrome as well as by a blue-light receptor. <i>Planta</i> , 2000, 210, 932-937.	3.2	101
23	LKP1 (LOV kelch protein 1): a factor involved in the regulation of flowering time in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2000, 23, 807-815.	5.7	89
24	PHYTOCHROME-MEDIATED PHOTOTROPISM AND DIFFERENT DICHROIC ORIENTATION OF Pr AND Pfr IN PROTONEMATA OF THE FERN ADIANTUM CAPILLUS-VENERIS L. <i>Photochemistry and Photobiology</i> , 1982, 35, 533-536.	2.5	85
25	Effects of centrifugation on preprophase-band formation in <i>Adiantum protonemata</i> . <i>Planta</i> , 1991, 183, 391-8.	3.2	81
26	New trends in photobiology. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1993, 17, 3-25.	3.8	79
27	Chloroplast Accumulation Response Enhances Leaf Photosynthesis and Plant Biomass Production. <i>Plant Physiology</i> , 2018, 178, 1358-1369.	4.8	78
28	Two interacting coiled-coil proteins, WEB1 and PMI2, maintain the chloroplast photorelocation movement velocity in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 19591-19596.	7.1	75
29	Intracellular Localization and Dichroic Orientation of Phytochrome in Plasma Membrane and/or Ectoplasm of a Centrifuged Protonema of Fern <i>Adiantum capillus-veneris</i> L. <i>Plant and Cell Physiology</i> , 1983, 24, 1441-1447.	3.1	73
30	Actin-dependent plastid movement is required for motive force generation in directional nuclear movement in plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4327-4331.	7.1	67
31	Both Phototropin 1 and 2 Localize on the Chloroplast Outer Membrane with Distinct Localization Activity. <i>Plant and Cell Physiology</i> , 2013, 54, 80-92.	3.1	65
32	Rapid Severing and Motility of Chloroplast-Actin Filaments Are Required for the Chloroplast Avoidance Response in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2013, 25, 572-590.	6.6	65
33	Phototropin Encoded by a Single-Copy Gene Mediates Chloroplast Photorelocation Movements in the Liverwort <i>Marchantia polymorpha</i> . <i>Plant Physiology</i> , 2014, 166, 411-427.	4.8	63
34	Recent advances in understanding the molecular mechanism of chloroplast photorelocation movement. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2014, 1837, 522-530.	1.0	63
35	Freeze-fracture observations on the plasma membrane, the cell wall and the cuticle of growing protonemata of <i>Adiantum capillus-veneris</i> L. <i>Planta</i> , 1981, 151, 462-468.	3.2	62
36	Chloroplast-Avoidance Response Induced by High-Fluence Blue Light in Prothallial Cells of the Fern <i>Adiantum capillus-veneris</i> as Analyzed by Microbeam Irradiation ¹ . <i>Plant Physiology</i> , 1999, 119, 917-924.	4.8	62

#	ARTICLE	IF	CITATIONS
37	External Ca ²⁺ Is Essential for Chloroplast Movement Induced by Mechanical Stimulation But Not by Light Stimulation. <i>Plant Physiology</i> , 2001, 127, 497-504.	4.8	54
38	DNA Interference: a Simple and Efficient Gene-Silencing System for High-Throughput Functional Analysis in the Fern <i>Adiantum</i> . <i>Plant and Cell Physiology</i> , 2004, 45, 1648-1657.	3.1	54
39	Actin-mediated movement of chloroplasts. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	54
40	Shining Light on the Function of NPH3/RPT2-Like Proteins in Phototropin Signaling. <i>Plant Physiology</i> , 2018, 176, 1015-1024.	4.8	54
41	Brief irradiation with red or blue light induces orientational movement of chloroplasts in dark-adapted prothallial cells of the fern <i>Adiantum</i> . <i>Journal of Plant Research</i> , 1994, 107, 389-398.	2.4	53
42	Phototropins and Neochrome1 Mediate Nuclear Movement in the Fern <i>Adiantum capillus-veneris</i> . <i>Plant and Cell Physiology</i> , 2007, 48, 892-896.	3.1	52
43	QUATERNARY STRUCTURE OF PEA PHYTOCHROME I DIMER STUDIED WITH SMALL-ANGLE X-RAY SCATTERING and ROTARY-SHADOWING ELECTRON MICROSCOPY. <i>Photochemistry and Photobiology</i> , 1990, 52, 3-12.	2.5	50
44	New Insights into Dynamic Actin-Based Chloroplast Photorelocation Movement. <i>Molecular Plant</i> , 2011, 4, 771-781.	8.3	50
45	Effects of narrow-beam irradiations with blue and far-red light on the timing of cell division in <i>Adiantum</i> gametophytes. <i>Planta</i> , 1978, 138, 85-90.	3.2	49
46	Velocity of chloroplast avoidance movement is fluence rate dependent. <i>Photochemical and Photobiological Sciences</i> , 2004, 3, 592.	2.9	49
47	Chloroplasts can move in any direction to avoid strong light. <i>Journal of Plant Research</i> , 2011, 124, 201-210.	2.4	49
48	Phytochrome Action on the Timing of Cell Division in <i>Adiantum</i> Gametophytes. <i>Plant Physiology</i> , 1972, 49, 110-113.	4.8	48
49	Why have chloroplasts developed a unique motility system?. <i>Plant Signaling and Behavior</i> , 2010, 5, 1190-1196.	2.4	47
50	PHOTOCONTROL OF THE ORIENTATION OF CELL DIVISION IN ADIANTUM. I. EFFECTS OF THE DARK AND RED PERIODS IN THE APICAL CELL OF GAMETOPHYTES. <i>Development Growth and Differentiation</i> , 1970, 12, 109-118.	1.5	46
51	Chloroplast actin filaments organize meshwork on the photorelocated chloroplasts in the moss <i>Physcomitrella patens</i> . <i>Planta</i> , 2011, 233, 357-368.	3.2	46
52	Palisade cell shape affects the light-induced chloroplast movements and leaf photosynthesis. <i>Scientific Reports</i> , 2018, 8, 1472.	3.3	46
53	Organization of cortical microtubules and microfibril deposition in response to blue-light-induced apical swelling in a tip-growing <i>Adiantum</i> protonema cell. <i>Planta</i> , 1989, 178, 334-341.	3.2	45
54	The KAC Family of Kinesin-Like Proteins is Essential for the Association of Chloroplasts with the Plasma Membrane in Land Plants. <i>Plant and Cell Physiology</i> , 2012, 53, 1854-1865.	3.1	44

#	ARTICLE	IF	CITATIONS
55	PLASTID MOVEMENT IMPAIRED1 and PLASTID MOVEMENT IMPAIRED1-RELATED1 Mediate Photorelocation Movements of Both Chloroplasts and Nuclei. <i>Plant Physiology</i> , 2015, 169, 1155-1167.	4.8	44
56	A model for the dimeric molecular structure of phytochrome based on small-angle X-ray scattering. <i>FEBS Letters</i> , 1989, 247, 139-142.	2.8	43
57	Molecular basis of chloroplast photorelocation movement. <i>Journal of Plant Research</i> , 2016, 129, 159-166.	2.4	43
58	Accumulation response of chloroplasts induced by mechanical stimulation in bryophyte cells. <i>Planta</i> , 2003, 216, 772-777.	3.2	40
59	Photobiology of ferns. , 1994, , 783-802.		40
60	Analysis of Chloroplast Movement and Relocation in Arabidopsis. <i>Methods in Molecular Biology</i> , 2011, 774, 87-102.	0.9	39
61	The changes of nuclear position and distribution of circumferentially aligned cortical microtubules during the progression of cell cycle in <i>Adiantum protonemata</i> . <i>Botanical Magazine</i> , 1980, 93, 237-245.	0.6	37
62	The fern as a model system to study photomorphogenesis. <i>Journal of Plant Research</i> , 2007, 120, 3-16.	2.4	36
63	Red Light, Phot1 and JAC1 Modulate Phot2-Dependent Reorganization of Chloroplast Actin Filaments and Chloroplast Avoidance Movement. <i>Plant and Cell Physiology</i> , 2011, 52, 1422-1432.	3.1	36
64	RPT2/NCH1 subfamily of NPH3-like proteins is essential for the chloroplast accumulation response in land plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10424-10429.	7.1	36
65	Chloroplast avoidance movement is not functional in plants grown under strong sunlight. <i>Plant, Cell and Environment</i> , 2016, 39, 871-882.	5.7	35
66	High-fluence rate responses in the light-oriented chloroplast movement in <i>Adiantum protonemata</i> . <i>Plant Science</i> , 1990, 68, 87-94.	3.6	34
67	Phytochrome-controlled phototropism of protonemata of the moss <i>Ceratodon purpureus</i> : physiology of the wild type and class 2 ptr -mutants. <i>Planta</i> , 1999, 209, 290-298.	3.2	34
68	A C-Terminal Membrane Association Domain of Phototropin 2 is Necessary for Chloroplast Movement. <i>Plant and Cell Physiology</i> , 2013, 54, 57-68.	3.1	34
69	Action Spectrum for the Timing of Photo-Induced Cell Division in <i>Adiantum</i> Gametophytes. <i>Physiologia Plantarum</i> , 1974, 32, 377-381.	5.2	33
70	Chloroplasts do not have a polarity for light-induced accumulation movement. <i>Journal of Plant Research</i> , 2009, 122, 131-140.	2.4	32
71	Distinct Biochemical Properties of <i>Arabidopsis thaliana</i> Actin Isoforms. <i>Plant and Cell Physiology</i> , 2016, 57, 46-56.	3.1	32
72	Light-Induced Movements of Chloroplasts and Nuclei Are Regulated in Both Cp-Actin-Filament-Dependent and -Independent Manners in <i>Arabidopsis thaliana</i> . <i>PLoS ONE</i> , 2016, 11, e0157429.	2.5	32

#	ARTICLE	IF	CITATIONS
73	Circular Arrangement of Cortical F-actin around the Subapical Region of a Tip-Growing Fern Protonemal Cell. <i>Plant and Cell Physiology</i> , 1989, 30, 1183-1186.	3.1	31
74	Polarotropism and Photomovement of Chloroplasts in the Protonemata of the Ferns <i>Pteris</i> and <i>Adiantum</i> : Evidence for the Possible Lack of Dichroic Phytochrome in <i>Pteris</i> . <i>Plant and Cell Physiology</i> , 1989, 30, 523-531.	3.1	30
75	EFFECTS OF PHYTOCHROME AND BLUE-NEAR ULTRAVIOLET LIGHT-ABSORBING PIGMENT ON DURATION OF COMPONENT PHASES OF THE CELL CYCLE IN <i>ADIANTUM</i> GAMETOPHYTES. <i>Development Growth and Differentiation</i> , 1979, 21, 577-584.	1.5	29
76	Action spectra for polarotropism and phototropism in protonemata of the fern <i>Adiantum capillus-veneris</i> . <i>Physiologia Plantarum</i> , 1984, 61, 327-330.	5.2	29
77	Chloroplast and nuclear photorelocation movements. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2016, 92, 387-411.	3.8	29
78	Speed of signal transfer in the chloroplast accumulation response. <i>Journal of Plant Research</i> , 2010, 123, 381-390.	2.4	28
79	Distribution pattern changes of actin filaments during chloroplast movement in <i>Adiantum capillus-veneris</i> . <i>Journal of Plant Research</i> , 2012, 125, 417-428.	2.4	28
80	CHUP1 mediates actin-based light-induced chloroplast avoidance movement in the moss <i>Physcomitrella patens</i> . <i>Planta</i> , 2012, 236, 1889-1897.	3.2	27
81	Photocontrol of the orientation of cell division in <i>Adiantum</i> . <i>Planta</i> , 1971, 98, 177-185.	3.2	25
82	Phytochrome-mediated branch formation in protonemata of the moss <i>Ceratodon purpureus</i> . <i>Journal of Plant Research</i> , 1997, 110, 363-370.	2.4	25
83	Evolution of the Cp-Actin-based Motility System of Chloroplasts in Green Plants. <i>Frontiers in Plant Science</i> , 2016, 7, 561.	3.6	25
84	Apical growth of protonemata in <i>Adiantum capillus-veneris</i> . III: Action spectra for the light effect on dark cessation of apical growth and the intracellular photoreceptive site. <i>Plant Science Letters</i> , 1979, 15, 193-201.	1.8	24
85	Both LOV1 and LOV2 domains of phototropin2 function as the photosensory domain for hypocotyl phototropic responses in <i>Arabidopsis thaliana</i> (Brassicaceae). <i>American Journal of Botany</i> , 2013, 100, 60-69.	1.7	24
86	Experimental obliteration of the preprophase band alters the site of cell division, cell plate orientation and phragmoplast expansion in <i>Adiantum</i> protonemata. <i>Journal of Cell Science</i> , 1991, 100, 551-557.	2.0	24
87	Polarized light induces nuclear migration in prothallial cells of <i>Adiantum capillus-veneris</i> L. <i>Planta</i> , 1995, 196, 775-780.	3.2	23
88	Plant nuclear photorelocation movement. <i>Journal of Experimental Botany</i> , 2014, 65, 2873-2881.	4.8	22
89	Crystallographic and Functional Analyses of J-Domain of JAC1 Essential for Chloroplast Photorelocation Movement in <i>Arabidopsis thaliana</i> . <i>Plant and Cell Physiology</i> , 2010, 51, 1372-1376.	3.1	20
90	Cell Cycle-Specific Disruption of the Preprophase Band of Microtubules in Fern Protonemata: Effects of Displacement of the Endoplasm by Centrifugation. <i>Journal of Cell Science</i> , 1992, 101, 93-98.	2.0	19

#	ARTICLE	IF	CITATIONS
91	Apical growth of protonemata in <i>Adiantum capillus-veneris</i> . <i>Botanical Magazine</i> , 1978, 91, 113-120.	0.6	18
92	Ferns, mosses and liverworts as model systems for light-mediated chloroplast movements. <i>Plant, Cell and Environment</i> , 2017, 40, 2447-2456.	5.7	18
93	INTRACELLULAR DICHROIC ORIENTATION OF THE BLUE LIGHT-ABSORBING PIGMENT AND THE BLUE-ABSORPTION BAND OF THE RED-ABSORBING FORM OF PHYTOCHROME RESPONSIBLE FOR PHOTOTROPISM OF THE FERN <i>Adiantum</i> PROTONEMATA. <i>Photochemistry and Photobiology</i> , 1992, 56, 661-666.	2.5	17
94	Clues to the signals for chloroplast photo-relocation from the lifetimes of accumulation and avoidance responses. <i>Journal of Integrative Plant Biology</i> , 2015, 57, 120-126.	8.5	17
95	Phototropin2 Contributes to the Chloroplast Avoidance Response at the Chloroplast-Plasma Membrane Interface. <i>Plant Physiology</i> , 2020, 183, 304-316.	4.8	17
96	A full length <i>Ty3/gypsy</i> -type retrotransposon in the fern <i>Adiantum</i> . <i>Journal of Plant Research</i> , 1997, 110, 495-499.	2.4	16
97	Changes in microtubule and microfibril arrangement during polarotropism in <i>Adiantum</i> protonemata. <i>Botanical Magazine</i> , 1990, 103, 391-401.	0.6	15
98	Chloroplasts continuously monitor photoreceptor signals during accumulation movement. <i>Journal of Plant Research</i> , 2013, 126, 557-566.	2.4	13
99	Nuclear behavior during branch formation in a centrifuged <i>Adiantum</i> protonema and the nuclear polarity. <i>Journal of Plant Research</i> , 1995, 108, 501-509.	2.4	12
100	Functional characterization of blue-light-induced responses and PHOTOTROPIN 1 gene in <i>Welwitschia mirabilis</i> . <i>Journal of Plant Research</i> , 2016, 129, 175-187.	2.4	11
101	Cell division in caffeine-induced binucleate protonemal cells of <i>Adiantum</i> . I. Asynchronous mitosis of two nuclei in a single cell. <i>Journal of Plant Research</i> , 1993, 106, 305-311.	2.4	10
102	Cytoskeletal pattern changes during branch formation in a centrifuged <i>Adiantum</i> protonema. <i>Journal of Plant Research</i> , 1998, 111, 53-58.	2.4	10
103	PHYTOCHROME-MEDIATED PHOTOTROPISM IN <i>Adiantum</i> PROTONEMATA-I. PHOTOTROPISM AS A FUNCTION OF THE LATERAL Pfr GRADIENT. <i>Photochemistry and Photobiology</i> , 1990, 51, 469-476.	2.5	9
104	Formation of a phragmosome-like structure in centrifuged protonemal cells of <i>Adiantum capillus-veneris</i> L. <i>Planta</i> , 1997, 201, 273-280.	3.2	9
105	Nuclear movement and positioning in plant cells. <i>Seminars in Cell and Developmental Biology</i> , 2018, 82, 17-24.	5.0	9
106	Signalling mechanism of phototropin-mediated chloroplast movement in <i>Arabidopsis</i> . <i>Journal of Plant Biochemistry and Biotechnology</i> , 2020, 29, 580-589.	1.7	9
107	A model system to study the effect of SO ₂ on plant cells. <i>Botanical Magazine</i> , 1987, 100, 51-62.	0.6	8
108	Cell division in caffeine-induced binucleate protonemal cells of <i>Adiantum</i> . II. Formation of the preprophase band and cell division in centrifuged and non-centrifuged cells. <i>Journal of Plant Research</i> , 1993, 106, 313-318.	2.4	8

#	ARTICLE	IF	CITATIONS
109	PHOTOMORPHOGENESIS OF FERNS. , 2006, , 515-536.		8
110	Photoresponses in fern gametophytes. , 0, , 3-48.		7
111	Chloroplast proliferation based on their distribution and arrangement in <i>Adiantum protonemata</i> growing under red light. <i>Botanical Magazine</i> , 1988, 101, 519-528.	0.6	6
112	Temperature-dependent signal transmission in chloroplast accumulation response. <i>Journal of Plant Research</i> , 2017, 130, 779-789.	2.4	6
113	Light-induced chloroplast movements in <i>Oryza</i> species. <i>Journal of Plant Research</i> , 2020, 133, 525-535.	2.4	6
114	Heart-Shaped Prothallia of the Fern <i>Adiantum capillus-veneris</i> L. Develop in the Polarization Plane of White Light. <i>Plant and Cell Physiology</i> , 1986, 27, 903-910.	3.1	5
115	Phytochrome-mediated Phototropism in <i>Adiantum Protonemata</i> II. Participation of Phytochrome Dark Reversion. <i>Photochemistry and Photobiology</i> , 1997, 65, 1032-1038.	2.5	4
116	Branch formation induced by microbeam irradiation of <i>Adiantum protonemata</i> . <i>Journal of Plant Research</i> , 1998, 111, 587-590.	2.4	4
117	Two Coiled-Coil Proteins, WEB1 and PMI2, Suppress the Signaling Pathway of Chloroplast Accumulation Response that Is Mediated by Two Phototropin-Interacting Proteins, RPT2 and NCH1, in Seed Plants. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1469.	4.1	4
118	A model system to study the effect of SO ₂ on plant cells. I Experimental conditions in the case of fern gametophytes.. <i>Seibutsu Kankyo Chosetsu</i> [Environment Control in Biology, 1986, 24, 95-102.	0.2	3
119	Microscopical observations on <i>Avena</i> coleoptile cell walls after stretching on a tensile-tester. <i>Botanical Magazine</i> , 1978, 91, 221-225.	0.6	2
120	Photocontrol of the orientation of cell division in <i>Adiantum</i> . <i>Botanical Magazine</i> , 1988, 101, 111-120.	0.6	2
121	Chloroplast Photoorientation in Enucleated Fern Protonemata. <i>Plant and Cell Physiology</i> , 1988, , .	3.1	2
122	Detection of intranuclear forces by the use of laser optics during the recovery process of elongated interphase nuclei in centrifuged protenemal cells of <i>Adiantum capillus-veneris</i> . <i>Journal of Plant Research</i> , 1998, 111, 399-405.	2.4	2
123	ACTIN2 Functions in Chloroplast Photorelocation Movement in <i>Arabidopsis thaliana</i> . <i>Journal of Plant Biology</i> , 2020, 63, 379-389.	2.1	2
124	PHOTOCNTROL OF THE ORIENTATION OF CELL DIVISION IN ADIANTUM. III. EFFECTS OF METABOLIC INHIBITORS. <i>Development Growth and Differentiation</i> , 1973, 15, 73-80.	1.5	1
125	Photoresponses in cell cycle regulation. <i>Proceedings of the Royal Society of Edinburgh Section B Biological Sciences</i> , 1985, 86, 231-235.	0.2	1
126	Effect of sulfite on compositional changes of cell constituents in germinating spores of <i>Adiantum capillus-veneris</i> L.. <i>Botanical Magazine</i> , 1987, 100, 1-8.	0.6	1

#	ARTICLE	IF	CITATIONS
127	Nuclear recovery from centrifugation-caused elongation: Involvement of the microfilament system in the nuclear plasticity. <i>Journal of Plant Research</i> , 1998, 111, 389-398.	2.4	1
128	Light-dependent spatiotemporal control of plant cell development and organelle movement in fern gametophytes. <i>Microscopy (Oxford, England)</i> , 2019, 68, 13-36.	1.5	1
129	Gene Silencing by DNA Interference in Fern Gametophytes. <i>Methods in Molecular Biology</i> , 2015, 1287, 119-127.	0.9	1
130	Chloroplast Actin Filaments Involved in Chloroplast Photorelocation Movements. <i>Plant Cell Monographs</i> , 2019, , 37-48.	0.4	1