

Takehito Inaba

List of Publications by Year in descending order

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37
papers

1,562
citations

331670

21
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330143

37
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38
all docs

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docs citations

38
times ranked

1898
citing authors

#	ARTICLE	IF	CITATIONS
1	Establishing an efficient protoplast transient expression system for investigation of floral thermogenesis in aroids. <i>Plant Cell Reports</i> , 2022, 41, 263-275.	5.6	5
2	Loss of inner-envelope K ⁺ /H ⁺ exchangers impairs plastid rRNA maturation and gene expression. <i>Plant Cell</i> , 2021, 33, 2479-2505.	6.6	19
3	Salicylic Acid Acts Antagonistically to Plastid Retrograde Signaling by Promoting the Accumulation of Photosynthesis-associated Proteins in Arabidopsis. <i>Plant and Cell Physiology</i> , 2021, 62, 1728-1744.	3.1	12
4	Induction of TOC and TIC genes during photomorphogenesis is mediated primarily by cryptochrome 1 in Arabidopsis. <i>Scientific Reports</i> , 2020, 10, 20255.	3.3	7
5	Installation of authentic BicA and SbtA proteins to the chloroplast envelope membrane is achieved by the proteolytic cleavage of chimeric proteins in Arabidopsis. <i>Scientific Reports</i> , 2020, 10, 2353.	3.3	5
6	Alternative Oxidase Capacity of Mitochondria in Microsporophylls May Function in Cycad Thermogenesis. <i>Plant Physiology</i> , 2019, 180, 743-756.	4.8	18
7	Investigating Localization of Chimeric Transporter Proteins within Chloroplasts of Arabidopsis thaliana. <i>Bio-protocol</i> , 2018, 8, e2723.	0.4	2
8	Ubiquitin-Proteasome Dependent Regulation of the GOLDEN2-LIKE 1 Transcription Factor in Response to Plastid Signals. <i>Plant Physiology</i> , 2017, 173, 524-535.	4.8	74
9	Ubiquitin-Proteasome-Dependent Regulation of Bidirectional Communication between Plastids and the Nucleus. <i>Frontiers in Plant Science</i> , 2017, 8, 310.	3.6	17
10	Specific and Efficient Targeting of Cyanobacterial Bicarbonate Transporters to the Inner Envelope Membrane of Chloroplasts in Arabidopsis. <i>Frontiers in Plant Science</i> , 2016, 7, 16.	3.6	37
11	Characterization of two PEBP genes, SrFT and SrMFT, in thermogenic skunk cabbage (<i>Symplocarpus</i>) Tj ETQq1 1 0.784314 r _{BT} /Overlo	3.3	10
12	Production of viable seeds from the seedling lethal mutant ppi2-2 lacking the atToc159 chloroplast protein import receptor using plastic containers, and characterization of the homozygous mutant progeny. <i>Frontiers in Plant Science</i> , 2014, 5, 243.	3.6	5
13	Targeting of a polytopic membrane protein to the inner envelope membrane of chloroplasts in vivo involves multiple transmembrane segments. <i>Journal of Experimental Botany</i> , 2014, 65, 5257-5265.	4.8	26
14	Plastid signalling under multiple conditions is accompanied by a common defect in RNA editing in plastids. <i>Journal of Experimental Botany</i> , 2012, 63, 251-260.	4.8	31
15	Isolation and Gene Expression Analysis of a Papain-Type Cysteine Protease in Thermogenic Skunk Cabbage (<i>Symplocarpus renifolius</i>). <i>Bioscience, Biotechnology and Biochemistry</i> , 2012, 76, 1990-1992.	1.3	2
16	The gene expression landscape of thermogenic skunk cabbage suggests critical roles for mitochondrial and vacuolar metabolic pathways in the regulation of thermogenesis. <i>Plant, Cell and Environment</i> , 2012, 35, 554-566.	5.7	12
17	Retrograde Signaling Pathway from Plastid to Nucleus. <i>International Review of Cell and Molecular Biology</i> , 2011, 290, 167-204.	3.2	31
18	Energetic Manipulation of Chloroplast Protein Import and the Use of Chemical Cross-Linkers to Map Protein-Protein Interactions. <i>Methods in Molecular Biology</i> , 2011, 774, 307-320.	0.9	2

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19	Versatile Roles of Plastids in Plant Growth and Development. <i>Plant and Cell Physiology</i> , 2010, 51, 1847-1853.	3.1	60
20	Gravitropism of <i>Arabidopsis thaliana</i> Roots Requires the Polarization of PIN2 toward the Root Tip in Meristematic Cortical Cells. <i>Plant Cell</i> , 2010, 22, 1762-1776.	6.6	130
21	New insights into the retrograde signaling pathway between the plastids and the nucleus. <i>Plant Signaling and Behavior</i> , 2010, 5, 196-199.	2.4	9
22	Bilateral Communication between Plastid and the Nucleus: Plastid Protein Import and Plastid-to-Nucleus Retrograde Signaling. <i>Bioscience, Biotechnology and Biochemistry</i> , 2010, 74, 471-476.	1.3	33
23	What is critical for plant thermogenesis? Differences in mitochondrial activity and protein expression between thermogenic and non-thermogenic skunk cabbages. <i>Planta</i> , 2009, 231, 121-130.	3.2	22
24	Coordination of Plastid Protein Import and Nuclear Gene Expression by Plastid-to-Nucleus Retrograde Signaling. <i>Plant Physiology</i> , 2009, 151, 1339-1353.	4.8	152
25	Developmental changes and organelle biogenesis in the reproductive organs of thermogenic skunk cabbage (<i>Symplocarpus renifolius</i>). <i>Journal of Experimental Botany</i> , 2009, 60, 3909-3922.	4.8	21
26	Identification and characterization of Cor413im proteins as novel components of the chloroplast inner envelope. <i>Plant, Cell and Environment</i> , 2008, 31, 1470-1483.	5.7	58
27	Evaluation of the Protective Activities of a Late Embryogenesis Abundant (LEA) Related Protein, Cor15am, during Various Stresses <i>in Vitro</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2008, 72, 1642-1645.	1.3	46
28	Molecular Identity of Uncoupling Proteins in Thermogenic Skunk Cabbage. <i>Plant and Cell Physiology</i> , 2008, 49, 1911-1916.	3.1	13
29	Protein trafficking to plastids: one theme, many variations. <i>Biochemical Journal</i> , 2008, 413, 15-28.	3.7	108
30	<i>Arabidopsis</i> Cor15am Is a Chloroplast Stromal Protein That Has Cryoprotective Activity and Forms Oligomers. <i>Plant Physiology</i> , 2007, 144, 513-523.	4.8	121
31	<i>Arabidopsis</i> Tic110 Is Essential for the Assembly and Function of the Protein Import Machinery of Plastids. <i>Plant Cell</i> , 2005, 17, 1482-1496.	6.6	125
32	atTic110 Functions as a Scaffold for Coordinating the Stromal Events of Protein Import into Chloroplasts. <i>Journal of Biological Chemistry</i> , 2003, 278, 38617-38627.	3.4	112
33	Distinct Localization of Two Closely Related Ypt3/Rab11 Proteins on the Trafficking Pathway in Higher Plants. <i>Journal of Biological Chemistry</i> , 2002, 277, 9183-9188.	3.4	57
34	A novel class of plant-specific zinc-dependent DNA-binding protein that binds to A/T-rich DNA sequences. <i>Nucleic Acids Research</i> , 2001, 29, 4097-4105.	14.5	81
35	Trihelix DNA-binding Protein with Specificities for Two Distinct cis-Elements. <i>Journal of Biological Chemistry</i> , 2001, 276, 22238-22243.	3.4	44
36	DE1, a 12-Base Pair cis-Regulatory Element Sufficient to Confer Dark-inducible and Light Down-regulated Expression to a Minimal Promoter in Pea. <i>Journal of Biological Chemistry</i> , 2000, 275, 19723-19727.	3.4	27

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37	Identification of a cis-Regulatory Element Involved in Phytochrome Down-Regulated Expression of the Pea Small GTPase Gene pra21. <i>Plant Physiology</i> , 1999, 120, 491-500.	4.8	27