Tadao Asami

List of Publications by Year
in descending order

259 papers	21,860 citations	16451 64 h-index	10158 140 g-index
262 all docs	262 docs citations	262 times ranked	15133 citing authors

#	Article	IF	Citations
1	BES1 Accumulates in the Nucleus in Response to Brassinosteroids to Regulate Gene Expression and Promote Stem Elongation. Cell, 2002, 109, 181-191.	28.9	1,124
2	Nuclear-Localized BZR1 Mediates Brassinosteroid-Induced Growth and Feedback Suppression of Brassinosteroid Biosynthesis. Developmental Cell, 2002, 2, 505-513.	7.0	967
3	The Arabidopsis cytochrome P450 CYP707A encodes ABA 8â€²-hydroxylases: key enzymes in ABA catabolism. EMBO Journal, 2004, 23, 1647-1656.	7.8	872
4	A Unique Short-Chain Dehydrogenase/Reductase in Arabidopsis Glucose Signaling and Abscisic Acid Biosynthesis and Functions. Plant Cell, 2002, 14, 2723-2743.	6.6	764
5	A New Class of Transcription Factors Mediates Brassinosteroid-Regulated Gene Expression in Arabidopsis. Cell, 2005, 120, 249-259.	28.9	709
6	D14â€“SCFD3-dependent degradation of D53 regulates strigolactone signalling. Nature, 2013, 504, 406-410.	27.8	669
7	Reactive Oxygen Species Are Involved in Brassinosteroid-Induced Stress Tolerance in Cucumber Â. Plant Physiology, 2009, 150, 801-814.	4.8	640
8	Chloroplast to nucleus communication triggered by accumulation of Mg-protoporphyrinIX. Nature, 2003, 421, 79-83.	27.8	534
9	Brassinosteroid functions in a broad range of disease resistance in tobacco and rice. Plant Journal, 2003, 33, 887-898.	5.7	483
10	CYP707A1 and CYP707A2, Which Encode Abscisic Acid 8â€²-Hydroxylases, Are Indispensable for Proper Control of Seed Dormancy and Germination in Arabidopsis. Plant Physiology, 2006, 141, 97-107.	4.8	473
11	The AtGenExpress hormone and chemical treatment data set: experimental design, data evaluation, model data analysis and data access. Plant Journal, 2008, 55, 526-542.	5.7	467
12	Antagonistic Interaction between Systemic Acquired Resistance and the Abscisic Acidâ€“Mediated Abiotic Stress Response in <i>Arabidopsis</i> Â. Plant Cell, 2008, 20, 1678-1692.	6.6	465
13	Comprehensive Comparison of Auxin-Regulated and Brassinosteroid-Regulated Genes in Arabidopsis. Plant Physiology, 2004, 134, 1555-1573.	4.8	437
14	Microarray Analysis of Brassinosteroid-Regulated Genes in Arabidopsis. Plant Physiology, 2002, 130, 1319-1334.	4.8	388
15	BAK1 and BKK1 Regulate Brassinosteroid-Dependent Growth and Brassinosteroid-Independent Cell-Death Pathways. Current Biology, 2007, 17, 1109-1115.	3.9	378
16	Identification and Functional Analysis of in Vivo Phosphorylation Sites of the Arabidopsis BRASSINOSTEROID-INSENSITIVE1 Receptor Kinase. Plant Cell, 2005, 17, 1685-1703.	6.6	364
17	Characterization of Brassinazole, a Triazole-Type Brassinosteroid Biosynthesis Inhibitor. Plant Physiology, 2000, 123, 93-100.	4.8	360
18	ABA-Hypersensitive Germination3 Encodes a Protein Phosphatase 2C (AtPP2CA) That Strongly Regulates Abscisic Acid Signaling during Germination among Arabidopsis Protein Phosphatase 2Cs. Plant Physiology, 2006, 140, 115-126.	4.8	344

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19	Molecular mechanism of strigolactone perception by DWARF14. Nature Communications, 2013, 4, 2613.	12.8	310
20	The AtGenExpress hormone- and chemical-treatment data set: Experimental design, data evaluation, model data analysis, and data access. Plant Journal, 2008, 55, 080414150319983.	5.7	307
21	Brassinosteroids Interact with Auxin to Promote Lateral Root Development in Arabidopsis. Plant Physiology, 2004, 134, 1624-1631.	4.8	306
22	FINE CULM1 (FC1) Works Downstream of Strigolactones to Inhibit the Outgrowth of Axillary Buds in Rice. Plant and Cell Physiology, 2010, 51, 1127-1135.	3.1	276
23	Hormonal regulation of temperatureâ€induced growth in Arabidopsis. Plant Journal, 2009, 60, 589-601.	5.7	271
24	Natural variation in light sensitivity of Arabidopsis. Nature Genetics, 2001, 29, 441-446.	21.4	261
25	ABA-Hypersensitive Germination1 encodes a protein phosphatase 2C, an essential component of abscisic acid signaling in Arabidopsis seed. Plant Journal, 2007, 50, 935-949.	5.7	260
26	Autoregulation and Homodimerization Are Involved in the Activation of the Plant Steroid Receptor BRI1. Developmental Cell, 2005, 8, 855-865.	7.0	257
27	The High Light Response in<i>Arabidopsis</i>Involves ABA Signaling between Vascular and Bundle Sheath Cells. Plant Cell, 2009, 21, 2143-2162.	6.6	240
28	Brassinosteroids promote photosynthesis and growth by enhancing activation of Rubisco and expression of photosynthetic genes in Cucumis sativus. Planta, 2009, 230, 1185-1196.	3.2	232
29	Arabidopsis MYB30 is a direct target of BES1 and cooperates with BES1 to regulate brassinosteroidâ€induced gene expression. Plant Journal, 2009, 58, 275-286.	5.7	228
30	Brassinosteroid Homeostasis in Arabidopsis Is Ensured by Feedback Expressions of Multiple Genes Involved in Its Metabolism. Plant Physiology, 2005, 138, 1117-1125.	4.8	218
31	<i>BRASSINOSTEROID UPREGULATED1</i>, Encoding a Helix-Loop-Helix Protein, Is a Novel Gene Involved in Brassinosteroid Signaling and Controls Bending of the Lamina Joint in Rice Â Â. Plant Physiology, 2009, 151, 669-680.	4.8	194
32	Exogenous ABA induces salt tolerance in indica rice (Oryza sativa L.): The role of OsP5CS1 and OsP5CR gene expression during salt stress. Environmental and Experimental Botany, 2013, 86, 94-105.	4.2	178
33	Feedback-Regulation of Strigolactone Biosynthetic Genes and Strigolactone-Regulated Genes in Arabidopsis. Bioscience, Biotechnology and Biochemistry, 2009, 73, 2460-2465.	1.3	170
34	Role of nitric oxide in hydrogen peroxideâ€dependent induction of abiotic stress tolerance by brassinosteroids in cucumber. Plant, Cell and Environment, 2011, 34, 347-358.	5.7	160
35	Selective Interaction of Triazole Derivatives with DWF4, a Cytochrome P450 Monooxygenase of the Brassinosteroid Biosynthetic Pathway, Correlates with Brassinosteroid Deficiency in Planta. Journal of Biological Chemistry, 2001, 276, 25687-25691.	3.4	156
36	A role of brassinosteroids in early fruit development in cucumber. Journal of Experimental Botany, 2008, 59, 2299-2308.	4.8	155

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37	Regulation of<i>Arabidopsis</i>Brassinosteroid Signaling by Atypical Basic Helix-Loop-Helix Proteins Â. Plant Cell, 2010, 21, 3781-3791.	6.6	152
38	Brassinosteroid Regulates Fiber Development on Cultured Cotton Ovules. Plant and Cell Physiology, 2005, 46, 1384-1391.	3.1	148
39	Conversion of carlactone to carlactonoic acid is a conserved function of <scp>MAX</scp>1 homologs in strigolactone biosynthesis. New Phytologist, 2018, 218, 1522-1533.	7.3	147
40	Auxin Biosynthesis Inhibitors, Identified by a Genomics-Based Approach, Provide Insights into Auxin Biosynthesis. Plant and Cell Physiology, 2010, 51, 524-536.	3.1	140
41	Regulation of Strigolactone Biosynthesis by Gibberellin Signaling. Plant Physiology, 2017, 174, 1250-1259.	4.8	138
42	Multiple loss-of-function of Arabidopsis gibberellin receptor AtGID1s completely shuts down a gibberellin signal. Plant Journal, 2007, 50, 958-966.	5.7	136
43	Analysis of ABA Hypersensitive Germination2 revealed the pivotal functions of PARN in stress response in Arabidopsis. Plant Journal, 2005, 44, 972-984.	5.7	131
44	Control of Nodule Number by the Phytohormone Abscisic Acid in the Roots of Two Leguminous Species. Plant and Cell Physiology, 2004, 45, 914-922.	3.1	127
45	Quantitative Trait Loci Controlling Light and Hormone Response in Two Accessions of <i>Arabidopsis thaliana</i>. Genetics, 2002, 160, 683-696.	2.9	127
46	Induction of systemic stress tolerance by brassinosteroid in <i>Cucumis sativus</i>. New Phytologist, 2011, 191, 706-720.	7.3	124
47	ArabidopsisAux/IAAgenes are involved in brassinosteroid-mediated growth responses in a manner dependent on organ type. Plant Journal, 2006, 45, 193-205.	5.7	120
48	Phytohormones and willow gall induction by a gallâ€inducing sawfly. New Phytologist, 2012, 196, 586-595.	7.3	119
49	Agrobacterium tumefaciens increases cytokinin production in plastids by modifying the biosynthetic pathway in the host plant. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 9972-9977.	7.1	112
50	Physiological Roles of Brassinosteroids in Early Growth of Arabidopsis: Brassinosteroids Have a Synergistic Relationship with Gibberellin as well as Auxin in Light-Grown Hypocotyl Elongation. Journal of Plant Growth Regulation, 2003, 22, 259-271.	5.1	104
51	New branching inhibitors and their potential as strigolactone mimics in rice. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 4905-4908.	2.2	102
52	A Novel Inhibitor of 9-cis-Epoxycarotenoid Dioxygenase in Abscisic Acid Biosynthesis in Higher Plants. Plant Physiology, 2004, 135, 1574-1582.	4.8	99
53	Chemical regulation of abscisic acid catabolism in plants by cytochrome P450 inhibitors. Bioorganic and Medicinal Chemistry, 2005, 13, 4491-4498.	3.0	94
54	A Putative Hydroxysteroid Dehydrogenase Involved in Regulating Plant Growth and Development. Plant Physiology, 2007, 145, 87-97.	4.8	94

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55	Functional analysis of the 37â€ƒkDa inner envelope membrane polypeptide in chloroplast biogenesis using a Ds -tagged Arabidopsis pale-green mutant. Plant Journal, 2003, 34, 719-731.	5.7	93
56	A specific brassinosteroid biosynthesis inhibitor, Brz2001: evaluation of its effects on Arabidopsis , cress, tobacco, and rice. Planta, 2001, 213, 716-721.	3.2	91
57	Brassinazole, an Inhibitor of Brassinosteroid Biosynthesis, Inhibits Development of Secondary Xylem in Cress Plants (Lepidium sativum). Plant and Cell Physiology, 2001, 42, 1006-1011.	3.1	86
58	Chemical regulators of plant hormones and their applications in basic research and agriculture*. Bioscience, Biotechnology and Biochemistry, 2018, 82, 1265-1300.	1.3	83
59	A novel thiol-reductase activity of Arabidopsis YUC6 confers drought tolerance independently of auxin biosynthesis. Nature Communications, 2015, 6, 8041.	12.8	82
60	New lead compounds for brassinosteroid biosynthesis inhibitors. Bioorganic and Medicinal Chemistry Letters, 1999, 9, 425-430.	2.2	79
61	A novel mitochondrial DnaJ/Hsp40 family protein BIL2 promotes plant growth and resistance against environmental stress in brassinosteroid signaling. Planta, 2013, 237, 1509-1525.	3.2	76
62	Isolation and Characterization of Novel Mutants Affecting the Abscisic Acid Sensitivity of Arabidopsis Germination and Seedling Growth. Plant and Cell Physiology, 2004, 45, 1485-1499.	3.1	74
63	Structural analysis of HTL and D14 proteins reveals the basis for ligand selectivity in Striga. Nature Communications, 2018, 9, 3947.	12.8	73
64	Characterization of the Brassinosteroid Insensitive 1 Genes of Cotton. Plant Molecular Biology, 2004, 54, 221-232.	3.9	72
65	Selective Mimics of Strigolactone Actions and Their Potential Use for Controlling Damage Caused by Root Parasitic Weeds. Molecular Plant, 2013, 6, 88-99.	8.3	71
66	Suicidal germination as a control strategy for <i>Striga hermonthica</i> (Benth.) in smallholder farms of subâ€Saharan Africa. Plants People Planet, 2019, 1, 107-118.	3.3	70
67	A Specific and Potent Inhibitor of Brassinosteroid Biosynthesis Possessing a Dioxolane Ring. Journal of Agricultural and Food Chemistry, 2002, 50, 3486-3490.	5.2	68
68	Role of the phytochrome and cryptochrome signaling pathways in hypocotyl phototropism. Plant Journal, 2010, 62, 653-662.	5.7	66
69	Visualization of abscisic acid-perception sites on the plasma membrane of stomatal guard cells. Plant Journal, 2003, 35, 129-139.	5.7	65
70	Progesterone: Its occurrence in plants and involvement in plant growth. Phytochemistry, 2007, 68, 1664-1673.	2.9	63
71	Genome-Wide Identification, Structure and Expression Studies, and Mutant Collection of 22 Early Nodulin-Like Protein Genes in Arabidopsis. Bioscience, Biotechnology and Biochemistry, 2009, 73, 2452-2459.	1.3	63
72	The chloroplast protein BPG2 functions in brassinosteroidâ€mediated postâ€transcriptional accumulation of chloroplast rRNA. Plant Journal, 2010, 61, 409-422.	5.7	63

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73	Transcription of DWARF4 Plays a Crucial Role in Auxin-Regulated Root Elongation in Addition to Brassinosteroid Homeostasis in Arabidopsis thaliana. PLoS ONE, 2011, 6, e23851.	2.5	63
74	A trans-zeatin riboside in root xylem sap negatively regulates adventitious root formation on cucumber hypocotyls. Journal of Experimental Botany, 2002, 53, 2193-2200.	4.8	62
75	A 9-cis-epoxycarotenoid dioxygenase inhibitor for use in the elucidation of abscisic acid action mechanisms. Bioorganic and Medicinal Chemistry, 2006, 14, 5555-5561.	3.0	61
76	Chemical Genetic Dissection of Brassinosteroidâ€"Ethylene Interaction. Molecular Plant, 2008, 1, 368-379.	8.3	61
77	Isolation of Arabidopsis ahg11, a weak ABA hypersensitive mutant defective in nad4 RNA editing. Journal of Experimental Botany, 2012, 63, 5301-5310.	4.8	61
78	Simple and Sensitive Method for Pyrroloquinoline Quinone (PQQ) Analysis in Various Foods Using Liquid Chromatography/Electrospray-Ionization Tandem Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2007, 55, 7258-7263.	5.2	59
79	Phytohormones in Japanese Mugwort Gall Induction by a Gall-Inducing Gall Midge. Bioscience, Biotechnology and Biochemistry, 2013, 77, 1942-1948.	1.3	58
80	The Influence of Chemical Genetics on Plant Science: Shedding Light on Functions and Mechanism of Action of Brassinosteroids Using Biosynthesis Inhibitors. Journal of Plant Growth Regulation, 2003, 22, 336-349.	5.1	57
81	Grafting cucumber onto luffa improves drought tolerance by increasing ABA biosynthesis and sensitivity. Scientific Reports, 2016, 6, 20212.	3.3	57
82	Effects of Triazole Derivatives on Strigolactone Levels and Growth Retardation in Rice. PLoS ONE, 2011, 6, e21723.	2.5	55
83	Loss-of-Function Mutations in the Arabidopsis Heterotrimeric G-protein Î± Subunit Enhance the Developmental Defects of Brassinosteroid Signaling and Biosynthesis Mutants. Plant and Cell Physiology, 2008, 49, 1013-1024.	3.1	53
84	The herbicide ketoclomazone inhibits 1-deoxy-D-xylulose 5-phosphate synthase in the 2-C-methyl-D-erythritol 4-phosphate pathway and shows antibacterial activity against Haemophilus influenzae. Journal of Antibiotics, 2010, 63, 583-588.	2.0	53
85	A Direct Docking Mechanism for a Plant GSK3-like Kinase to Phosphorylate Its Substrates. Journal of Biological Chemistry, 2010, 285, 24646-24653.	3.4	53
86	Differential expression and affinities of Arabidopsis gibberellin receptors can explain variation in phenotypes of multiple knockâ€out mutants. Plant Journal, 2009, 60, 48-55.	5.7	52
87	Strigolactones are transported from roots to shoots, although not through the xylem. Journal of Pesticide Sciences, 2015, 40, 214-216.	1.4	52
88	A New Lead Chemical for Strigolactone Biosynthesis Inhibitors. Plant and Cell Physiology, 2010, 51, 1143-1150.	3.1	51
89	A Novel Inhibitor for Fe-type Nitrile Hydratase:Â 2-Cyano-2-propyl Hydroperoxide. Journal of the American Chemical Society, 2003, 125, 11532-11538.	13.7	50
90	Strigolactone Regulates Anthocyanin Accumulation, Acid Phosphatases Production and Plant Growth under Low Phosphate Condition in Arabidopsis. PLoS ONE, 2015, 10, e0119724.	2.5	50

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91	Methyl phenlactonoates are efficient strigolactone analogs with simple structure. Journal of Experimental Botany, 2018, 69, 2319-2331.	4.8	50
92	Overexpression of Constitutive Differential Growth 1 Gene, Which Encodes a RLCKVII-Subfamily Protein Kinase, Causes Abnormal Differential and Elongation Growth after Organ Differentiation in Arabidopsis. Plant Physiology, 2004, 136, 3124-3133.	4.8	47
93	Inhibition of Brassinosteroid Biosynthesis by Either a dwarf4 Mutation or a Brassinosteroid Biosynthesis Inhibitor Rescues Defects in Tropic Responses of Hypocotyls in the Arabidopsis Mutant nonphototropic hypocotyl 4 Â. Plant Physiology, 2006, 141, 456-464.	4.8	47
94	Defense-Related Signaling by Interaction of Arabinogalactan Proteins and Î²-Glucosyl Yariv Reagent Inhibits Gibberellin Signaling in Barley Aleurone Cells. Plant and Cell Physiology, 2008, 49, 178-190.	3.1	47
95	Structural basis of unique ligand specificity of KAI2-like protein from parasitic weed Striga hermonthica. Scientific Reports, 2016, 6, 31386.	3.3	47
96	Involvement of C-22-Hydroxylated Brassinosteroids in Auxin-Induced Lamina Joint Bending in Rice. Plant and Cell Physiology, 2009, 50, 1627-1635.	3.1	45
97	Obtusifoliol 14Î±-Demethylase (CYP51) Antisense Arabidopsis Shows Slow Growth and Long Life. Biochemical and Biophysical Research Communications, 2001, 285, 98-104.	2.1	44
98	Germination of photoblastic lettuce seeds is regulated via the control of endogenous physiologically active gibberellin content, rather than of gibberellin responsiveness. Journal of Experimental Botany, 2008, 59, 3383-3393.	4.8	44
99	Global methylation screening in the Arabidopsis thaliana and Mus musculus genome: applications of virtual image restriction landmark genomic scanning (Vi-RLGS). Nucleic Acids Research, 2003, 31, 4490-4496.	14.5	43
100	Suppression of Wolffia arrhiza growth by brassinazole, an inhibitor of brassinosteroid biosynthesis and its restoration by endogenous 24-epibrassinolide. Phytochemistry, 2005, 66, 1787-1796.	2.9	43
101	Synthesis of novel brassinosteroid biosynthesis inhibitors based on the ketoconazole scaffold. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 1625-1628.	2.2	43
102	Formation and Dissociation of the BSS1 Protein Complex Regulates Plant Development via Brassinosteroid Signaling. Plant Cell, 2015, 27, 375-390.	6.6	40
103	Triazole Ureas Covalently Bind to Strigolactone Receptor and Antagonize Strigolactone Responses. Molecular Plant, 2019, 12, 44-58.	8.3	40
104	An Ancestral Gibberellin in a Moss Physcomitrella patens. Molecular Plant, 2018, 11, 1097-1100.	8.3	39
105	AXR1 is involved in BR-mediated elongation and SAUR-AC1 gene expression in Arabidopsis. FEBS Letters, 2003, 553, 28-32.	2.8	36
106	Effects of brassinazole, an inhibitor of brassinosteroid biosynthesis, on light- and dark-grown Chlorella vulgaris. Planta, 2004, 218, 869-877.	3.2	36
107	Biosynthetic pathway of the phytohormone auxin in insects and screening of its inhibitors. Insect Biochemistry and Molecular Biology, 2014, 53, 66-72.	2.7	36
108	Photosynthetic inhibitors in Eucalyptus grandis. Phytochemistry, 1988, 27, 1943-1946.	2.9	35

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109	Discovery and identification of 2-methoxy-1-naphthaldehyde as a novel strigolactone-signaling inhibitor. Journal of Pesticide Sciences, 2016, 41, 71-78.	1.4	35
110	A new lead compound for abscisic acid biosynthesis inhibitors targeting 9-cis-epoxycarotenoid dioxygenase. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 3033-3036.	2.2	34
111	Brassinosteroid-related transcription factor BIL1/BZR1 increases plant resistance to insect feeding. Bioscience, Biotechnology and Biochemistry, 2014, 78, 960-968.	1.3	34
112	Preparation and Biological Activity of Molecular Probes to Identify and Analyze Jasmonic Acid-binding Proteins. Bioscience, Biotechnology and Biochemistry, 2004, 68, 1461-1466.	1.3	33
113	Effects of strigolactone-biosynthesis inhibitor TIS108 on<i>Arabidopsis</i>. Plant Signaling and Behavior, 2013, 8, e24193.	2.4	33
114	A Taylor-Made Design of Phenoxyfuranone-Type Strigolactone Mimic. Frontiers in Plant Science, 2017, 8, 936.	3.6	33
115	Structural basis for brassinosteroid response by BIL1/BZR1. Nature Plants, 2018, 4, 771-776.	9.3	33
116	Sequential Regulation of Gibberellin, Brassinosteroid, and Jasmonic Acid Biosynthesis Occurs in Rice Coleoptiles to Control the Transcript Levels of Anti-MicrobialThioninGenes. Bioscience, Biotechnology and Biochemistry, 2006, 70, 2410-2419.	1.3	32
117	Uniconazole, a cytochrome P450 inhibitor, inhibits trans-zeatin biosynthesis in Arabidopsis. Phytochemistry, 2013, 87, 30-38.	2.9	30
118	Brz220 Interacts with DWF4, a Cytochrome P450 Monooxygenase in Brassinosteroid Biosynthesis, and Exerts Biological Activity. Bioscience, Biotechnology and Biochemistry, 2008, 72, 7-12.	1.3	29
119	Photosynthetic electron transport inhibition by pholorophenone derivatives.. Agricultural and Biological Chemistry, 1989, 53, 471-475.	0.3	28
120	Chemical Genetics Reveal the Novel Transmembrane Protein BIL4, Which Mediates Plant Cell Elongation in Brassinosteroid Signaling. Bioscience, Biotechnology and Biochemistry, 2009, 73, 415-421.	1.3	28
121	Plastid Located WHIRLY1 Enhances the Responsiveness of Arabidopsis Seedlings Toward Abscisic Acid. Frontiers in Plant Science, 2012, 3, 283.	3.6	28
122	Aminooxyâ€naphthylpropionic acid and its derivatives are inhibitors of auxin biosynthesis targeting <scp>l</scp>â€tryptophan aminotransferase: structureâ€"activity relationships. Plant Journal, 2016, 87, 245-257.	5.7	28
123	Evolutionarily conserved BIL4 suppresses the degradation of brassinosteroid receptor BRI1 and regulates cell elongation. Scientific Reports, 2017, 7, 5739.	3.3	28
124	Preface to the Special Issue: Brief review of plant hormones and their utilization in agriculture. Journal of Pesticide Sciences, 2018, 43, 154-158.	1.4	28
125	Synthesis and biological activities of new fluorinated abscisic acid. Bioorganic and Medicinal Chemistry Letters, 1995, 5, 275-278.	2.2	27
126	Biological Evaluation of 5-Substituted Pyrimidine Derivatives as Inhibitors of Brassinosteroid Biosynthesis. Bioscience, Biotechnology and Biochemistry, 2001, 65, 817-822.	1.3	27

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127	Target sites for chemical regulation of strigolactone signaling. Frontiers in Plant Science, 2014, 5, 623.	3.6	27
128	Target-based selectivity of strigolactone agonists and antagonists in plants and their potential use in agriculture. Journal of Experimental Botany, 2018, 69, 2241-2254.	4.8	27
129	Rationally Designed Strigolactone Analogs as Antagonists of the D14 Receptor. Plant and Cell Physiology, 2018, 59, 1545-1554.	3.1	27
130	Molecular evidence of the involvement of heat shock protein 90 in brassinosteroid signaling in Arabidopsis T87 cultured cells. Plant Cell Reports, 2014, 33, 499-510.	5.6	26
131	FPX is a Novel Chemical Inducer that Promotes Callus Formation and Shoot Regeneration in Plants. Plant and Cell Physiology, 2018, 59, 1555-1567.	3.1	26
132	Brz220 a novel brassinosteroid biosynthesis inhibitor: stereochemical structureâ€“activity relationship. Tetrahedron: Asymmetry, 2002, 13, 1875-1878.	1.8	24
133	Efficient Mimics for Elucidating Zaxinone Biology and Promoting Agricultural Applications. Molecular Plant, 2020, 13, 1654-1661.	8.3	24
134	Strigolactones are involved in sugar signaling to modulate early seedling development in <i>Arabidopsis</i>. Plant Biotechnology, 2016, 33, 87-97.	1.0	23
135	Synthetic strigolactone analogues reveal anti-cancer activities on hepatocellular carcinoma cells. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 1077-1083.	2.2	23
136	Synthesis of 2-fluoroabscisic acid: A potential photo-stable abscisic acid. Tetrahedron Letters, 1997, 38, 1797-1800.	1.4	22
137	Preparation of multideuterated 5â€deoxystrigol for use as an internal standard for quantitative LC/MS. Journal of Labelled Compounds and Radiopharmaceuticals, 2010, 53, 763-766.	1.0	22
138	Regulation of biosynthesis, perception, and functions of strigolactones for promoting arbuscular mycorrhizal symbiosis and managing root parasitic weeds. Pest Management Science, 2019, 75, 2353-2359.	3.4	22
139	Chemical biology of abscisic acid. Journal of Plant Research, 2011, 124, 549-557.	2.4	21
140	AtCAST, a Tool for Exploring Gene Expression Similarities among DNA Microarray Experiments Using Networks. Plant and Cell Physiology, 2011, 52, 169-180.	3.1	21
141	Striga hermonthica Suicidal Germination Activity of Potent Strigolactone Analogs: Evaluation from Laboratory Bioassays to Field Trials. Plants, 2022, 11, 1045.	3.5	21
142	BPG3 is a novel chloroplast protein that involves the greening of leaves and related to brassinosteroid signaling. Bioscience, Biotechnology and Biochemistry, 2014, 78, 420-429.	1.3	20
143	Effect of the strigolactone analogs methyl phenlactonoates on spore germination and root colonization of arbuscular mycorrhizal fungi. Heliyon, 2018, 4, e00936.	3.2	20
144	Methylation at the C-3â€² in D-Ring of Strigolactone Analogs Reduces Biological Activity in Root Parasitic Plants and Rice. Frontiers in Plant Science, 2019, 10, 353.	3.6	20

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145	Response of tomatoes primed by mycorrhizal colonization to virulent and avirulent bacterial pathogens. Scientific Reports, 2022, 12, 4686.	3.3	20
146	A mammalian steroid action inhibitor spironolactone retards plant growth by inhibition of brassinosteroid action and induces light-induced gene expression in the dark. Journal of Steroid Biochemistry and Molecular Biology, 2004, 91, 41-47.	2.5	19
147	Biotin-labeled abscisic acid as a probe for investigating abscisic acid binding sites on plasma membranes of barley aleurone protoplasts. Bioorganic and Medicinal Chemistry, 2005, 13, 3351-3358.	3.0	19
148	Structure- and stereospecific transport of strigolactones from roots to shoots. Journal of Pesticide Sciences, 2016, 41, 55-58.	1.4	19
149	A New Series of Carlactonoic Acid Based Strigolactone Analogs for Fundamental and Applied Research. Frontiers in Plant Science, 2020, 11, 434.	3.6	19
150	Identification of a Novel factor, Vanillyl Benzyl Ether, Which Inhibits Somatic Embryogenesis of Japanese Larch (Larix leptolepis Gordon). Plant and Cell Physiology, 2005, 46, 445-453.	3.1	18
151	Characterization of novel imidazole derivative, JM-8686, a potent inhibitor of allene oxide synthase. FEBS Letters, 2006, 580, 5791-5796.	2.8	18
152	N-Benzylideneaniline andN-Benzylaniline are Potent Inhibitors of Lignostilbene-Î±,Î²-dioxygenase, a Key Enzyme in Oxidative Cleavage of the Central Double Bond of Lignostilbene. Journal of Enzyme Inhibition and Medicinal Chemistry, 2003, 18, 279-283.	5.2	17
153	Chemical modification of a phenoxyfuranoneâ€type strigolactone mimic for selective effects on rice tillering or <i>Striga hermonthica</i> seed germination. Pest Management Science, 2016, 72, 2048-2053.	3.4	17
154	Synthesis and Biological Evaluation of Novel Triazole Derivatives as Strigolactone Biosynthesis Inhibitors. Journal of Agricultural and Food Chemistry, 2019, 67, 6143-6149.	5.2	17
155	Involvement of xylem sap zeatin-O-glucoside in cucumber shoot greening. Plant Physiology and Biochemistry, 2002, 40, 949-954.	5.8	16
156	Fluctuation of Endogenous Gibberellin and Abscisic Acid Levels in Germinating Seeds of Barley. Bioscience, Biotechnology and Biochemistry, 1995, 59, 1969-1970.	1.3	15
157	Design and synthesis of lignostilbene-Î±,Î²-dioxygenase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 1139-1142.	2.2	15
158	Asymmetric synthesis and stereochemical structureâ€"activity relationship of (R)- and (S)-8-[1-(2,4-dichlorophenyl)-2-imidazol-1-yl-ethoxy] octanoic acid heptyl ester, a potent inhibitor of allene oxide synthase. Bioorganic and Medicinal Chemistry, 2008, 16, 1090-1095.	3.0	15
159	Biological activity of nitrophlorophenone derivatives.. Agricultural and Biological Chemistry, 1989, 53, 229-233.	0.3	14
160	Synthesis of New Abscisic Acid (ABA) Analogs Possessing a Geometrically Rigid Cyclized Side Chain. Bioscience, Biotechnology and Biochemistry, 1992, 56, 624-629.	1.3	14
161	Chemical screening of an inhibitor for gibberellin receptors based on a yeast two-hybrid system. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 1096-1098.	2.2	14
162	The apple gene responsible for columnar tree shape reduces the abundance of biologically active gibberellin. Plant Journal, 2021, 105, 1026-1034.	5.7	14

#	Article	IF	Citations
163	Identification and characterization of an Ipomoea nil glucosyltransferase which metabolizes some phytohormones. Biochemical and Biophysical Research Communications, 2007, 361, 980-986.	2.1	13
164	Immunomodulation of bioactive gibberellin confers gibberellinâ€deficient phenotypes in plants. Plant Biotechnology Journal, 2008, 6, 355-367.	8.3	13
165	Comparison of indole derivatives as potential intermediates of auxin biosynthesis in Arabidopsis. Plant Biotechnology, 2013, 30, 185-190.	1.0	13
166	Life history of Stenopsylla nigricornis (Hemiptera: Psylloidea: Triozidae) and phytohormones involved in its gall induction. Arthropod-Plant Interactions, 2017, 11, 99-108.	1.1	13
167	Substituted Phthalimide AC94377 Is a Selective Agonist of the Gibberellin Receptor GID1. Plant Physiology, 2017, 173, 825-835.	4.8	13
168	Chemical screening and development of novel gibberellin mimics. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 3678-3682.	2.2	13
169	Strigolactones Modulate Salicylic Acid-Mediated Disease Resistance in Arabidopsis thaliana. International Journal of Molecular Sciences, 2022, 23, 5246.	4.1	13
170	Photosynthetic electron transport inhibition by 3-acyl-2,4,6-trihydroxybenzamide derivatives.. Agricultural and Biological Chemistry, 1989, 53, 1953-1959.	0.3	12
171	Fluorescence-labeled Abscisic Acid Possessing Abscisic Acid-like Activity in Barley Aleurone Protoplasts. Bioscience, Biotechnology and Biochemistry, 1997, 61, 1198-1199.	1.3	12
172	2-Fluoroabscisic Acid Analogues:Â Their Synthesis and Biological Activities. Journal of Agricultural and Food Chemistry, 1999, 47, 313-317.	5.2	12
173	Cytokinin-induced Gene Expression in Cultured Green Cells of Nicotiana tabacum Identified by Fluorescent Differential Display. Bioscience, Biotechnology and Biochemistry, 2001, 65, 1275-1283.	1.3	12
174	Characterization of brassinosteroid-regulated proteins in a nuclear-enriched fraction of Arabidopsis suspension-cultured cells. Plant Physiology and Biochemistry, 2011, 49, 985-995.	5.8	12
175	Abamine as a basis for new designs of regulators of strigolactone production. Journal of Pesticide Sciences, 2011, 36, 53-57.	1.4	12
176	Tebuconazole derivatives are potent inhibitors of strigolactone biosynthesis. Journal of Pesticide Sciences, 2013, 38, 147-151.	1.4	12
177	Synthesis, screening and pro-apoptotic activity of novel acyl spermidine derivatives on human cancer cell lines. Biomedicine and Pharmacotherapy, 2017, 93, 190-201.	5.6	12
178	Identification of Deregulated Signaling Pathways in Jurkat Cells in Response to a Novel Acylspermidine Analogue-N4-Erucoyl Spermidine. Epigenetics Insights, 2018, 11, 251686571881454.	2.0	12
179	Effects of gibberellin and strigolactone on rice tiller bud growth. Journal of Pesticide Sciences, 2018, 43, 220-223.	1.4	12
180	Rational design of<i>Striga hermonthica</i>-specific seed germination inhibitors. Plant Physiology, 2022, 188, 1369-1384.	4.8	12

#	Article	IF	Citations
181	Effects of grandinol and related phloroglucinol derivatives on transpiration and stomatal closure. Plant Growth Regulation, 1996, 19, 7-11.	3.4	11
182	Anti-metatype peptides, a molecular tool with high sensitivity and specificity to monitor small ligands. Analytical Biochemistry, 2009, 388, 63-70.	2.4	11
183	Characterization of synthetic ecdysteroid analogues as functional mimics of brassinosteroids in plant growth. Journal of Steroid Biochemistry and Molecular Biology, 2017, 172, 1-8.	2.5	11
184	Plant Chemical Biology. Plant and Cell Physiology, 2018, 59, 1483-1486.	3.1	11
185	The processes inhibited and promoted by abscisic acid in photoperiodic flowering of Pharbitis nil. Journal of Plant Physiology, 2000, 157, 421-427.	3.5	10
186	Spermidine, a polyamine, confers resistance to rice blast. Journal of Pesticide Sciences, 2016, 41, 79-82.	1.4	10
187	Helminthosporic acid functions as an agonist for gibberellin receptor. Bioscience, Biotechnology and Biochemistry, 2017, 81, 2152-2159.	1.3	10
188	Involvement of STH7 in light-adapted development in <i>Arabidopsis thaliana</i> promoted by both strigolactone and karrikin. Bioscience, Biotechnology and Biochemistry, 2017, 81, 292-301.	1.3	10
189	Photobleaching Activity of 2-(Phenylamino)methylidenecyclohexane-1,3-diones in Tobacco (Nicotianatabacum) Cultured Cells. Journal of Agricultural and Food Chemistry, 1997, 45, 2728-2734.	5.2	9
190	<i>m</i>-Coumaric acid attenuates non-catalytic protein glycosylation in the retinas of diabetic rats. Journal of Pesticide Sciences, 2018, 43, 180-185.	1.4	9
191	Light Activates Brassinosteroid Biosynthesis to Promote Hook Opening and Petiole Development in Arabidopsis thaliana. Plant and Cell Physiology, 2020, 61, 1239-1251.	3.1	9
192	Molecular actions of two synthetic brassinosteroids, iso-carbaBL and 6-deoxoBL, which cause altered physiological activities between Arabidopsis and rice. PLoS ONE, 2017, 12, e0174015.	2.5	9
193	Inhibition of photosynthesis by 3-acyl-2,4,6-trihydroxythiobenzamide derivatives.. Agricultural and Biological Chemistry, 1989, 53, 2281-2282.	0.3	8
194	Simple and Rapid Screening Method for Photosystem II Inhibitory Herbicides Using Photoautotrophically Cultured Plant Cells with Chlorophyll Fluorescence Monitoring. Bioscience, Biotechnology and Biochemistry, 1993, 57, 1389-1390.	1.3	8
195	Amylase induction activity of fluorescein labeled gibberellin in barley aleurone protoplasts. Bioorganic and Medicinal Chemistry Letters, 1996, 6, 2549-2552.	2.2	8
196	Immunomodulation of gibberellin biosynthesis using an anti-precursor gibberellin antibody confers gibberellin-deficient phenotypes. Planta, 2008, 228, 863-873.	3.2	8
197	Development of Inhibitors of Salicylic Acid Signaling. Journal of Agricultural and Food Chemistry, 2015, 63, 7124-7133.	5.2	8
198	1,10-Phenanthroline and its derivatives are novel hatching stimulants for soybean cyst nematodes. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 5240-5243.	2.2	8

#	Article	IF	Citations
199	Characterization of a helminthosporic acid analog that is a selective agonist of gibberellin receptor. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 2465-2470.	2.2	8
200	Triflumizole as a Novel Lead Compound for Strigolactone Biosynthesis Inhibitor. Molecules, 2020, 25, 5525.	3.8	8
201	Induction of tocopherol biosynthesis through heat shock treatment in <i>Arabidopsis</i>. Bioscience, Biotechnology and Biochemistry, 2021, 85, 502-509.	1.3	8
202	Strigolactone signaling inhibition increases adventitious shoot formation on internodal segments of ipecac. Planta, 2021, 253, 123.	3.2	8
203	Counteractive Effects of Sugar and Strigolactone on Leaf Senescence of Rice in Darkness. Agronomy, 2021, 11, 1044.	3.0	8
204	Synthesis and activity of 3-(1-alkylaminoalkylidene)-2H-pyran-2,4(3H)-diones as new photosynthetic electron transport inhibitors.. Agricultural and Biological Chemistry, 1987, 51, 2775-2780.	0.3	7
205	Structure-Activity Relationships and Physiological Aspects of New Photosynthetic Electron Transport Inhibitors, 3-Alkylaminoalkyliden-2H-pyran-2,4(3H)-diones (APs). Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1988, 43, 857-861.	1.4	7
206	Adaptation of Restriction Landmark Genomic Scanning (RLGS) to plant genome analysis. Plant Molecular Biology Reporter, 2000, 18, 331-338.	1.8	7
207	Screening and characterization of an inhibitory chemical specific to Arabidopsis gibberellin 2-oxidases. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 4259-4262.	2.2	7
208	Screening and characterization of a chemical regulator for plant disease resistance. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 1761-1765.	2.2	7
209	Brassinosteroids regulate vacuolar morphology in root meristem cells of <i>Arabidopsis thaliana</i>. Plant Signaling and Behavior, 2018, 13, e1417722.	2.4	7
210	Strigolactonesâ€"a novel class of phytohormones as anti-cancer agents. Journal of Pesticide Sciences, 2018, 43, 168-172.	1.4	7
211	Synthesis and Activity of New Abscisic Acid Analogues Possessing Hetero Five-membered Ring in their Molecules. Heterocycles, 1994, 38, 2739.	0.7	6
212	Synthesis and biological activity of 4â€²-methoxy derivatives of abscisic acid. Bioorganic and Medicinal Chemistry Letters, 2000, 10, 1571-1574.	2.2	6
213	Analysis of a putative auxin biosynthesis inhibitor, indole-3-oxoethylphosphonic acid, in Arabidopsis. Bioscience, Biotechnology and Biochemistry, 2014, 78, 67-70.	1.3	6
214	Analysis of ent-kaurenoic acid by ultra-performance liquid chromatography-tandem mass spectrometry. Biochemistry and Biophysics Reports, 2015, 2, 103-107.	1.3	6
215	Cytokinins affect the akinete-germination stage of a terrestrial filamentous cyanobacterium, Nostoc sp. HK-01. Plant Growth Regulation, 2020, 92, 273-282.	3.4	6
216	On improving strigolactone mimics for induction of suicidal germination of the root parasitic plant Striga hermonthica. ABIOTECH, 2021, 2, 1-13.	3.9	6

#	Article	IF	Citations
217	Inhibition of<i>Î±</i>-Amylase Induction in Barley Seed and the Induction of Stomatal Pore Closure by Artificial Abscisic Acid Analogs (RCA Series). Bioscience, Biotechnology and Biochemistry, 1992, 56, 2089-2090.	1.3	5
218	Halogenation Enhances the Photosystem II Inhibitory Activity of 4-Hydroxypyridines: Structure-Activity Relationships and Their Mode of Action. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1993, 48, 152-158.	1.4	5
219	One pot synthesis and optical resolution of synthetic mimic of abscisic acid affecting plant's physiology. Tetrahedron Letters, 1994, 35, 6117-6118.	1.4	5
220	Novel compound stimulates amylase induction in barley seeds. Bioorganic and Medicinal Chemistry Letters, 1994, 4, 1847-1850.	2.2	5
221	Isolation and expression of a novel starch-storing cell-specific gene containing the KH RNA binding domain from tobacco-cultured cells BY-2. Journal of Experimental Botany, 2002, 53, 2451-2452.	4.8	5
222	A new gibberellin detection system in living cells based on antibody VH/VL interaction. Biochemical and Biophysical Research Communications, 2008, 376, 134-138.	2.1	5
223	Synthetic agonist of HTL/KAI2 shows potent stimulating activity for Arabidopsis seed germination. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 2487-2492.	2.2	5
224	Identification of an aromatic aldehyde synthase involved in indole-3-acetic acid biosynthesis in the galling sawfly (Pontania sp.) and screening of an inhibitor. Insect Biochemistry and Molecular Biology, 2021, 137, 103639.	2.7	5
225	Evaluation of the Biostimulant Activity of Zaxinone Mimics (MiZax) in Crop Plants. Frontiers in Plant Science, 0, 13, .	3.6	5
226	Photosystem II Inhibition by 3-Acyl-5-(l-aminoalkylidene)-4-hydroxy- 2H -pyran-2,6(3H)-dione Derivatives. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1990, 45, 1127-1132.	1.4	4
227	Gene Ontology and Expression Studies of Strigolactone Analogues on a Hepatocellular Carcinoma Cell Line. Analytical Cellular Pathology, 2019, 2019, 1-10.	1.4	4
228	Photosynthetic Electron Transport Inhibition By Pyrones and Pyridones: Structureâ€“Activity Relationships. Agricultural and Biological Chemistry, 1986, 50, 469-474.	0.3	3
229	Inhibition of Photosynthetic Electron Transport (PET) by Halogenated 4-Hydroxypyridine Derivatives. Bioscience, Biotechnology and Biochemistry, 1993, 57, 350-351.	1.3	3
230	The leaf morphologies of the subtropical rheophyte Solenogyne mikadoi and its temperate relative S. bellioides (Asteraceae) are affected differently by plant hormones and their biosynthesis inhibitors. Journal of Plant Research, 2005, 118, 181-186.	2.4	3
231	An Unusual Spliced Variant of DELLA Protein, a Negative Regulator of Gibberellin Signaling, in Lettuce. Bioscience, Biotechnology and Biochemistry, 2012, 76, 544-550.	1.3	3
232	Isolation and Initial Characterization of 132-Hydroxychlorophyll a Induced by Cyclohexanedione Derivatives in Tobacco Cell Suspension Cultures. Photochemistry and Photobiology, 2000, 71, 84.	2.5	3
233	Insect growth regulators with hydrazide moiety inhibit strigolactone biosynthesis in rice. Journal of Pesticide Sciences, 2022, 47, 43-46.	1.4	3
234	Conjugated Enamino Compounds, a New Molecular Probe for the Mechanism of Photosynthetic Electron Transport. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1986, 41, 751-757.	1.4	2

#	Article	IF	Citations
235	Structure-activity relationships in photosystem II inhibition by 5-acyl-3-(1-aminoalkylidene)-4-hydroxy-2H-pyran-2,6(3H)-dione derivatives. Pesticide Biochemistry and Physiology, 1991, 41, 288-295.	3.6	2
236	New Assay Method for Protoporphyrinogen Oxidase Inhibitors Using Chloroplasts Isolated fromSpinacia oleraceaL.. Bioscience, Biotechnology and Biochemistry, 1993, 57, 2205-2206.	1.3	2
237	Phytotoxic peroxidizing actions of cyclohexanedione (RWH-series) derivatives. Pest Management Science, 1999, 55, 343-345.	0.4	2
238	Title is missing!. Plant Growth Regulation, 2002, 38, 237-241.	3.4	2
239	Synthesis and in vitro antitumor activity of novel acylspermidine derivative N-(4-aminobutyl)-N-(3-aminopropyl)-8-hydroxy-dodecanamide (AAHD) against HepG2 cells. Bioorganic Chemistry, 2019, 88, 102937.	4.1	2
240	Function of hydroxycinnamoyl spermidines in seedling growth of <i>Arabidopsis</i>. Bioscience, Biotechnology and Biochemistry, 2022, 86, 294-299.	1.3	2
241	BRZ-INSENSITIVE-PALE GREEN 1 is encoded by chlorophyll biosynthesis enzyme gene that functions in the downstream of brassinosteroid signaling. Bioscience, Biotechnology and Biochemistry, 2022, , .	1.3	2
242	Synthesis of Conjugated Enamino Compounds Inhibiting Photosynthetic Electron Transport. Agricultural and Biological Chemistry, 1987, 51, 205-210.	0.3	1
243	Photosystem II Inhibition by<i>s</i>-Triazines Having Hydrophilic Amino Groups. Bioscience, Biotechnology and Biochemistry, 1995, 59, 2170-2171.	1.3	1
244	Title is missing!. Plant Growth Regulation, 1997, 22, 125-129.	3.4	1
245	Does the brassinosteroid signal pathway in photomorphogenesis overlap with the gravitropic response caused by auxin?. Bioscience, Biotechnology and Biochemistry, 2014, 78, 1839-1849.	1.3	1
246	Plant Hormone Cross Talk with a Focus on Strigolactone and Its Chemical Dissection in Rice. , 2018, , 113-127.		1
247	The chemical NJ15 affects hypocotyl elongation and shoot gravitropism via cutin polymerization. Bioscience, Biotechnology and Biochemistry, 2018, 82, 1770-1779.	1.3	1
248	Transcriptome Analysis of Chloris virgata, Which Shows the Fastest Germination and Growth in the Major Mongolian Grassland Plant. Frontiers in Plant Science, 2021, 12, 684987.	3.6	1
249	Brassinosteroid Signaling. Journal of Pesticide Sciences, 2003, 28, 448-453.	1.4	1
250	Molecular design of strigolactone biosynthetic inhibitors for plant chemical biology. Journal of Pesticide Sciences, 2009, 34, 319-323.	1.4	1
251	Creation of function regulators of plant hormones and their application to physiology, genetics and agriculture. Journal of Pesticide Sciences, 2011, 36, 266-267.	1.4	0
252	Assignment of <scp>¹H</scp>â€•and <scp>¹³Câ€NMR</scp> data for four helminthosporol analogs with the bicyclo[3.2.1]octâ€6â€ene framework. Magnetic Resonance in Chemistry, 2018, 56, 1130-1134.	1.9	0

#	Article	IF	Citations
253	Chemical Synthesis of Triazole-Derived Suppressors of Strigolactone Functions. Methods in Molecular Biology, 2021, 2309, 25-30.	0.9	0
254	Creation of function regulators of plant hormones and their application to physiology, genetics and agriculture. Journal of Pesticide Sciences, 2011, 36, 278-285.	1.4	0
255	Photosystem II Inhibition by Pyran-enamine Derivatives. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1993, 48, 163-167.	1.4	0
256	Preparation of (Â±)-[1,2-13C2]Abscisic Acid for Use as a Stable and Pure Internal Standard. Journal of Chemical Research, 1999, 23, 658-659.	1.3	0
257	13th IUPAC International Congress on Pesticide Chemistry. Japanese Journal of Pesticide Science, 2015, 40, 105-107.	0.0	0
258	How will plant science contribute to improve productivity in agriculture?â€"Future prospects of plant scienceâ€". Ikushugaku Kenkyu, 2019, 21, 49-54.	0.3	0
259	ã,¹ãƒˆãƒªã,´ãƒ©ã,¯ãƒˆãƒ³ç"ç©¶ã•è¾²æ¥ã®ãŸã,ã®ã,±ãƒŸã,«ãƒ«ãƒ„ãƒ¼ãƒ«. Kagaku To Seibutsu, 2021, 59, 91-97.	0.0	0