

# Shu-Nong Bai

## List of Publications by Year in descending order

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36  
papers

1,195  
citations

394421

19  
h-index

377865

34  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1276  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rice Cell Division Cycle 20s are required for faithful chromosome segregation and cytokinesis during meiosis. <i>Plant Physiology</i> , 2022, 188, 1111-1128.	4.8	3
2	Auxin guides germ-cell specification in <i>Arabidopsis</i> anthers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	18
3	Are unisexual flowers an appropriate model to study plant sex determination?. <i>Journal of Experimental Botany</i> , 2020, 71, 4625-4628.	4.8	1
4	Key innovations in transition from homospority to heterospority. <i>Plant Signaling and Behavior</i> , 2019, 14, 1596010.	2.4	4
5	Plant Morphogenesis 123: a renaissance in modern botany?. <i>Science China Life Sciences</i> , 2019, 62, 453-466.	4.9	4
6	Histone Deacetylase HDA19 Affects Root Cortical Cell Fate by Interacting with SCARECROW. <i>Plant Physiology</i> , 2019, 180, 276-288.	4.8	13
7	Transcription Factor OsTGA10 Is a Target of the MADS Protein OsMADS8 and Is Required for Tapetum Development. <i>Plant Physiology</i> , 2018, 176, 819-835.	4.8	46
8	Characterization of the Ubiquitin C-Terminal Hydrolase and Ubiquitin-Specific Protease Families in Rice ( <i>Oryza sativa</i> ). <i>Frontiers in Plant Science</i> , 2018, 9, 1636.	3.6	22
9	Phosphorylation of SPOROCTELESS/NOZZLE by the MPK3/6 Kinase Is Required for Anther Development. <i>Plant Physiology</i> , 2017, 173, 2265-2277.	4.8	51
10	Two types of germ cells, the sexual reproduction cycle, and the double-ring mode of plant developmental program. <i>Plant Signaling and Behavior</i> , 2017, 12, e1320632.	2.4	5
11	Reconsideration of Plant Morphological Traits: From a Structure-Based Perspective to a Function-Based Evolutionary Perspective. <i>Frontiers in Plant Science</i> , 2017, 8, 345.	3.6	7
12	CsAP3: A Cucumber Homolog to Arabidopsis APETALA3 with Novel Characteristics. <i>Frontiers in Plant Science</i> , 2016, 07, 1181.	3.6	34
13	One additional histone deacetylase and 2 histone acetyltransferases are involved in cellular patterning of Arabidopsis root epidermis. <i>Plant Signaling and Behavior</i> , 2016, 11, e1131373.	2.4	10
14	Isolation and Characterization of a Novel SOMATIC EMBRYOGENESIS RECEPTOR KINASE Gene Expressed in the Fern <i>Adiantum capillus-veneris</i> During Shoot Regeneration In Vitro. <i>Plant Molecular Biology Reporter</i> , 2015, 33, 638-647.	1.8	14
15	The concept of the sexual reproduction cycle and its evolutionary significance. <i>Frontiers in Plant Science</i> , 2015, 6, 11.	3.6	25
16	A Gene Expression Profiling of Early Rice Stamen Development that Reveals Inhibition of Photosynthetic Genes by OsMADS58. <i>Molecular Plant</i> , 2015, 8, 1069-1089.	8.3	29
17	<i>HISTONE DEACETYLASE6</i> -Defective Mutants Show Increased Expression and Acetylation of <i>ENHANCER OF TRIPTYCHON</i> AND <i>CAPRICE1</i> and <i>GLABRA2</i> with Small But Significant Effects on Root Epidermis Cellular Pattern. <i>Plant Physiology</i> , 2015, 168, 1448-1458.	4.8	27
18	Unisexual Cucumber Flowers, Sex and Sex Differentiation. <i>International Review of Cell and Molecular Biology</i> , 2013, 304, 1-55.	3.2	39

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19	HDA18 Affects Cell Fate in <i>Arabidopsis</i> Root Epidermis via Histone Acetylation at Four Kinase Genes. <i>Plant Cell</i> , 2013, 25, 257-269.	6.6	67
20	Overview of the morphology, anatomy, and ontogeny of <i>Adiantum capillus-veneris</i> : An experimental system to study the development of ferns. <i>Journal of Systematics and Evolution</i> , 2013, 51, 499-510.	3.1	15
21	Trust in nature. <i>Plant Signaling and Behavior</i> , 2013, 8, e23936.	2.4	0
22	Bird's nest puzzle: can the study of unisexual flowers such as cucumber solve the problem of plant sex determination?. <i>Protoplasma</i> , 2012, 249, 119-123.	2.1	18
23	<i>Arabidopsis</i> NMD3 Is Required for Nuclear Export of 60S Ribosomal Subunits and Affects Secondary Cell Wall Thickening. <i>PLoS ONE</i> , 2012, 7, e35904.	2.5	16
24	Characterization of an ethylene-inducible, calcium-dependent nuclease that is differentially expressed in cucumber flower development. <i>New Phytologist</i> , 2011, 192, 590-600.	7.3	40
25	Ethylene perception is involved in female cucumber flower development. <i>Plant Journal</i> , 2010, 61, 862-872.	5.7	95
26	Why is ethylene involved in selective promotion of female flower development in cucumber?. <i>Plant Signaling and Behavior</i> , 2010, 5, 1052-1056.	2.4	33
27	Stamen development in <i>Arabidopsis</i> is arrested by organ-specific overexpression of a cucumber ethylene synthesis gene <i>CsACO2</i> . <i>Planta</i> , 2008, 228, 537-543.	3.2	54
28	A simple treatment to significantly increase signal specificity in immunohistochemistry. <i>Plant Molecular Biology Reporter</i> , 2006, 24, 93-101.	1.8	13
29	Preferential localization of abscisic acid in primordial and nursing cells of reproductive organs of <i>Arabidopsis</i> and cucumber. <i>New Phytologist</i> , 2006, 170, 459-466.	7.3	35
30	Molecular analysis of early rice stamen development using organ-specific gene expression profiling. <i>Plant Molecular Biology</i> , 2006, 61, 845-861.	3.9	30
31	Immunolocalization of Arabinogalactan Proteins and Pectins in Floral Buds of Cucumber ( <i>Cucumis</i> )	8.5	14
32	Histone acetylation affects expression of cellular patterning genes in the <i>Arabidopsis</i> root epidermis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 14469-14474.	7.1	145
33	Developmental analyses reveal early arrests of the spore-bearing parts of reproductive organs in unisexual flowers of cucumber ( <i>Cucumis sativus</i> L.). <i>Planta</i> , 2004, 220, 230-240.	3.2	135
34	Nectar production and transportation in the nectaries of the female <i>Cucumis sativus</i> L. flower during anthesis. <i>Protoplasma</i> , 2004, 224, 71-78.	2.1	42
35	DNA damage in the early primordial anther is closely correlated with stamen arrest in the female flower of cucumber ( <i>Cucumis sativus</i> L.). <i>Planta</i> , 2003, 217, 888-895.	3.2	72
36	OsSET1, a novel SET-domain-containing gene from rice. <i>Journal of Experimental Botany</i> , 2003, 54, 1995-1996.	4.8	27