

# Montserrat Pages

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Molecular characterization of maize bHLH transcription factor (ZmKS), a new ZmOST1 kinase substrate. <i>Plant Science</i> , 2016, 253, 1-12.	3.6	3
2	Emerging roles of protein kinase CK2 in abscisic acid signaling. <i>Frontiers in Plant Science</i> , 2015, 6, 966.	3.6	23
3	A MYB/ZML Complex Regulates Wound-Induced Lignin Genes in Maize. <i>Plant Cell</i> , 2015, 27, 3245-3259.	6.6	104
4	Casein Kinase 2 Negatively Regulates Abscisic Acid-Activated SnRK2s in the Core Abscisic Acid-Signaling Module. <i>Molecular Plant</i> , 2015, 8, 709-721.	8.3	53
5	Novel CK2 $\alpha$ and CK2 $\beta$ subunits in maize reveal functional diversification in subcellular localization and interaction capacity. <i>Plant Science</i> , 2015, 235, 58-69.	3.6	5
6	Combination of 2DE and LC for Plant Proteomics Analysis. <i>Methods in Molecular Biology</i> , 2014, 1072, 131-140.	0.9	5
7	Drought tolerance acquisition in <i>Eucalyptus globulus</i> (Labill.): A research on plant morphology, physiology and proteomics. <i>Journal of Proteomics</i> , 2013, 79, 263-276.	2.4	35
8	Enhanced water stress tolerance of transgenic maize plants over-expressing LEA Rab28 gene. <i>Journal of Plant Physiology</i> , 2013, 170, 864-873.	3.5	70
9	The Maize OST1 Kinase Homolog Phosphorylates and Regulates the Maize SNAC1-Type Transcription Factor. <i>PLoS ONE</i> , 2013, 8, e58105.	2.5	30
10	Insights into Maize LEA Proteins: From Proteomics to Functional Approaches. <i>Plant and Cell Physiology</i> , 2012, 53, 312-329.	3.1	76
11	Role of Plant-Specific N-Terminal Domain of Maize CK2 $\beta$ 1 Subunit in CK2 $\beta$ Functions and Holoenzyme Regulation. <i>PLoS ONE</i> , 2011, 6, e21909.	2.5	9
12	Specific characteristics of CK2 $\beta$ regulatory subunits in plants. <i>Molecular and Cellular Biochemistry</i> , 2011, 356, 255-260.	3.1	7
13	Novel clues on abiotic stress tolerance emerge from embryo proteome analyses of rice varieties with contrasting stress adaptation. <i>Proteomics</i> , 2011, 11, 2389-2405.	2.2	16
14	Proteomic analysis of wheat embryos with 2-DE and liquid-phase chromatography (ProteomeLab PF-2D) – A wider perspective of the proteome. <i>Journal of Proteomics</i> , 2010, 73, 1707-1721.	2.4	48
15	MAPK phosphatase MKP2 mediates disease responses in <i>Arabidopsis</i> and functionally interacts with MPK3 and MPK6. <i>Plant Journal</i> , 2010, 63, 1017-1030.	5.7	117
16	Regulation of MAPK signaling and cell death by MAPK phosphatase MKP2. <i>Plant Signaling and Behavior</i> , 2010, 5, 1497-1500.	2.4	14
17	Maize AKIN1 $\beta$ 3 dimerizes through the KIS/CBM domain and assembles into SnRK1 complexes. <i>FEBS Letters</i> , 2009, 583, 1887-1894.	2.8	21
18	Functional characterization of DHN-5, a dehydrin showing a differential phosphorylation pattern in two Tunisian durum wheat ( <i>Triticum durum</i> Desf.) varieties with marked differences in salt and drought tolerance. <i>Plant Science</i> , 2007, 172, 20-28.	3.6	102

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19	Overexpression of wheat dehydrin DHN-5 enhances tolerance to salt and osmotic stress in <i>Arabidopsis thaliana</i> . <i>Plant Cell Reports</i> , 2007, 26, 2017-2026.	5.6	245
20	Towards the identification of late-embryogenic-abundant phosphoproteome in <i>Arabidopsis</i> by 2-DE and MS. <i>Proteomics</i> , 2006, 6, S175-S185.	2.2	54
21	Maize DBF1-interactor protein 1 containing an R3H domain is a potential regulator of DBF1 activity in stress responses. <i>Plant Journal</i> , 2006, 46, 747-757.	5.7	44
22	Isolation and Functional Characterisation of Two New bZIP Maize Regulators of the ABA Responsive Gene <i>rab28</i> . <i>Plant Molecular Biology</i> , 2005, 58, 899-914.	3.9	66
23	Interaction of the plant glycine-rich RNA-binding protein MA16 with a novel nucleolar DEAD box RNA helicase protein from <i>Zea mays</i> . <i>Plant Journal</i> , 2004, 38, 875-886.	5.7	53
24	Protein kinase CK2 modulates developmental functions of the abscisic acid responsive protein Rab17 from maize. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 9879-9884.	7.1	126
25	Purification and characterization of recombinant protein kinase CK2 from <i>Zea mays</i> expressed in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2003, 29, 24-32.	1.3	19
26	In vivo footprinting of plant tissues. <i>Plant Molecular Biology Reporter</i> , 2002, 20, 287-297.	1.8	6
27	A novel higher plant protein tyrosine phosphatase interacts with SNF1-related protein kinases via a KIS (kinase interaction sequence) domain. <i>Plant Journal</i> , 2002, 29, 705-715.	5.7	84
28	Maize DRE-binding proteins DBF1 and DBF2 are involved in <i>rab17</i> regulation through the drought-responsive element in an ABA-dependent pathway. <i>Plant Journal</i> , 2002, 30, 679-689.	5.7	266
29	<i>Arabidopsis thaliana</i> <i>atrab28</i> : a nuclear targeted protein related to germination and toxic cation tolerance. <i>Plant Molecular Biology</i> , 2002, 50, 249-259.	3.9	42
30	Role of AP2/EREBP transcription factors in gene regulation during abiotic stress. <i>FEBS Letters</i> , 2001, 498, 187-189.	2.8	207
31	Maize protein kinase CK2: regulation and functionality of three $\gamma^2$ regulatory subunits. <i>Plant Journal</i> , 2001, 25, 365-374.	5.7	46
32	Distinctive features of plant protein kinase CK2. <i>Molecular and Cellular Biochemistry</i> , 2001, 227, 119-127.	3.1	29
33	Domain fusion between SNF1-related kinase subunits during plant evolution. <i>EMBO Reports</i> , 2001, 2, 55-60.	4.5	80
34	Protein analysis during almond embryo development. Identification and characterization of a late embryogenesis abundant protein. <i>Plant Physiology and Biochemistry</i> , 2000, 38, 449-457.	5.8	20
35	Plant responses to drought, from ABA signal transduction events to the action of the induced proteins. <i>Plant Physiology and Biochemistry</i> , 1999, 37, 327-340.	5.8	78
36	Characterization, subcellular localization and nuclear targeting of casein kinase 2 from <i>Zea mays</i> . <i>Plant Molecular Biology</i> , 1999, 40, 199-211.	3.9	33

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37	Expression and cellular localization of Atrab28 during arabidopsis embryogenesis. <i>Plant Molecular Biology</i> , 1999, 40, 355-363.	3.9	14
38	Constitutive protein-DNA interactions on the abscisic acid-responsive element before and after developmental activation of the rab28 gene. <i>Plant Molecular Biology</i> , 1999, 41, 529-536.	3.9	18
39	Regulation of abscisic acid-induced transcription. , 1998, 37, 425-435.		425
40	A PCR-based method to identify plant protein-associated RNAs. <i>Plant Physiology and Biochemistry</i> , 1998, 36, 913-918.	5.8	0
41	Phosphorylation mediates the nuclear targeting of the maize Rab17 protein. <i>Plant Journal</i> , 1998, 13, 691-697.	5.7	109
42	Plant proteins containing the RNA-recognition motif. <i>Trends in Plant Science</i> , 1998, 3, 15-21.	8.8	102
43	Molecular characterization of L2 lipoxygenase from maize embryos. <i>Plant Molecular Biology</i> , 1997, 33, 605-614.	3.9	22
44	Microextraction of Nuclear Proteins from Single Maize Embryos. <i>Plant Molecular Biology Reporter</i> , 1997, 15, 371-376.	1.8	22
45	Regulatory elements in vivo in the promoter of the abscisic acid responsive gene rab17 from maize. <i>Plant Journal</i> , 1997, 11, 1285-1295.	5.7	133
46	Expression and cellular localization of rab28 mRNA and Rab28 protein during maize embryogenesis. <i>Plant Journal</i> , 1996, 9, 549-557.	5.7	39
47	Drought signal transduction in plants. <i>Plant Growth Regulation</i> , 1996, 20, 105-110.	3.4	32
48	Functional characteristics of the maize RNA-binding protein MA16. <i>Plant Molecular Biology</i> , 1995, 29, 797-807.	3.9	31
49	The maize RNA-binding protein, MA16, is a nucleolar protein located in the dense fibrillar component. <i>Plant Journal</i> , 1994, 6, 825-834.	5.7	35
50	Two different Em-like genes are expressed in <i>Arabidopsis thaliana</i> seeds during maturation. <i>Molecular Genetics and Genomics</i> , 1993, 238, 409-418.	2.4	105
51	Regulation of the abscisic acid-responsive gene rab28 in maize viviparous mutants. <i>Molecular Genetics and Genomics</i> , 1991, 230, 394-400.	2.4	82
52	Regulation of the maizerab17 gene promoter in transgenic heterologous systems. <i>Plant Molecular Biology</i> , 1991, 17, 985-993.	3.9	61
53	Effect of Abscisic Acid on the Linoleic Acid Metabolism in Developing Maize Embryos. <i>Plant Physiology</i> , 1991, 95, 1277-1283.	4.8	31
54	Expression of a Maize Cell Wall Hydroxyproline-Rich Glycoprotein Gene in Early Leaf and Root Vascular Differentiation. <i>Plant Cell</i> , 1990, 2, 785.	6.6	21

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55	Lipoxygenases from <i>Zea mays</i> L. Purification and physicochemical characteristics. <i>Lipids and Lipid Metabolism</i> , 1990, 1045, 107-114.	2.6	21
56	Differential regulation of ABA-induced 23-25 kDa proteins in embryo and vegetative tissues of the viviparous mutants of maize. <i>Plant Molecular Biology</i> , 1989, 13, 385-394.	3.9	80
57	A gene induced by the plant hormone abscisic acid in response to water stress encodes a glycine-rich protein. <i>Nature</i> , 1988, 334, 262-264.	27.8	426
58	Gene Expression in Developing <i>Zea mays</i> Embryos: Regulation by Abscisic Acid of a Highly Phosphorylated 23- to 25-kD Group of Proteins. <i>Plant Physiology</i> , 1988, 88, 564-569.	4.8	70
59	Absence of storage protein synthesis in the embryo of <i>Zea mays</i> . <i>Plant Science</i> , 1987, 53, 215-221.	3.6	11
60	Regulation of Gene Expression in Developing <i>Zea mays</i> Embryos. <i>Plant Physiology</i> , 1986, 82, 543-549.	4.8	69
61	Size and distribution of polyadenylic acid sequences in <i>Drosophila</i> polytene DNA and RNA. <i>Nucleic Acids and Protein Synthesis</i> , 1977, 479, 235-245.	1.7	2