

Masatoshi Maki

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10442951/publications.pdf>

Version: 2024-02-01

133
papers

6,339
citations

57758

44
h-index

74163

75
g-index

133
all docs

133
docs citations

133
times ranked

4873
citing authors

#	ARTICLE	IF	CITATIONS
1	Sequence requirements for nucleolar localization of human T cell leukemia virus type I pX protein, which regulates viral RNA processing. <i>Cell</i> , 1988, 55, 197-209.	28.9	351
2	Structure of rat atrial natriuretic factor precursor deduced from cDNA sequence. <i>Nature</i> , 1984, 309, 722-724.	27.8	266
3	Calpain Regulates Actin Remodeling during Cell Spreading. <i>Journal of Cell Biology</i> , 1998, 141, 647-662.	5.2	245
4	Pig heart calpastatin: identification of repetitive domain structures and anomalous behavior in polyacrylamide gel electrophoresis. <i>Biochemistry</i> , 1988, 27, 1964-1972.	2.5	208
5	The ALG-2-interacting Protein Alix Associates with CHMP4b, a Human Homologue of Yeast Snf7 That Is Involved in Multivesicular Body Sorting. <i>Journal of Biological Chemistry</i> , 2003, 278, 39104-39113.	3.4	185
6	The PEST Domain of β -Casein Is Necessary and Sufficient for <i>In Vitro</i> Degradation by μ -Calpain. <i>Journal of Biological Chemistry</i> , 1999, 274, 30874-30881.	3.4	181
7	Crystal structure of calcium bound domain VI of calpain at 1.9 Å resolution and its role in enzyme assembly, regulation, and inhibitor binding. <i>Nature Structural Biology</i> , 1997, 4, 539-547.	9.7	180
8	Structures, functions and molecular evolution of the penta-EF-hand Ca^{2+} -binding proteins. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2002, 1600, 51-60.	2.3	180
9	Calpain Mediates Excitotoxic DNA Fragmentation via Mitochondrial Pathways in Adult Brains. <i>Journal of Biological Chemistry</i> , 2005, 280, 16175-16184.	3.4	168
10	Screening for the Preferred Substrate Sequence of Transglutaminase Using a Phage-displayed Peptide Library. <i>Journal of Biological Chemistry</i> , 2006, 281, 17699-17706.	3.4	164
11	Hepatitis C Virus Hijacks P-Body and Stress Granule Components around Lipid Droplets. <i>Journal of Virology</i> , 2011, 85, 6882-6892.	3.4	155
12	Distinct Mechanistic Roles of Calpain and Caspase Activation in Neurodegeneration as Revealed in Mice Overexpressing Their Specific Inhibitors. <i>Journal of Biological Chemistry</i> , 2005, 280, 15229-15237.	3.4	152
13	Functional similarity of HIV-1 rev and HTLV-1 rex proteins: Identification of a new nucleolar-targeting signal in rev protein. <i>Biochemical and Biophysical Research Communications</i> , 1989, 162, 963-970.	2.1	148
14	Regulation of Cyclin D1 by Calpain Protease. <i>Journal of Biological Chemistry</i> , 1997, 272, 28479-28484.	3.4	139
15	Mutations in the vesicular trafficking protein annexin A11 are associated with amyotrophic lateral sclerosis. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	129
16	Human CHMP6, a myristoylated ESCRT-III protein, interacts directly with an ESCRT-II component EAP20 and regulates endosomal cargo sorting. <i>Biochemical Journal</i> , 2005, 387, 17-26.	3.7	102
17	All four internally repetitive domains of pig calpastatin possess inhibitory activities against calpains I and II. <i>FEBS Letters</i> , 1987, 223, 174-180.	2.8	99
18	A Structural Model for the Inhibition of Calpain by Calpastatin: Crystal Structures of the Native Domain VI of Calpain and its Complexes with Calpastatin Peptide and a Small Molecule Inhibitor. <i>Journal of Molecular Biology</i> , 2003, 328, 131-146.	4.2	88

#	ARTICLE	IF	CITATIONS
19	Effects of changes in water-sodium balance on levels of atrial natriuretic factor messenger RNA and peptide in rats. <i>Life Sciences</i> , 1985, 36, 1843-1848.	4.3	86
20	The ESCRT System Is Required for Hepatitis C Virus Production. <i>PLoS ONE</i> , 2011, 6, e14517.	2.5	82
21	Peflin and ALG-2, Members of the Penta-EF-Hand Protein Family, Form a Heterodimer That Dissociates in a Ca ²⁺ -dependent Manner. <i>Journal of Biological Chemistry</i> , 2001, 276, 14053-14058.	3.4	78
22	ALG-2 directly binds Sec31A and localizes at endoplasmic reticulum exit sites in a Ca ²⁺ -dependent manner. <i>Biochemical and Biophysical Research Communications</i> , 2007, 353, 756-763.	2.1	78
23	A region of basic amino-acid cluster in HIV-1 Tat protein is essential for Trans-acting activity and nucleolar localization. <i>Virus Genes</i> , 1989, 3, 99-110.	1.6	76
24	Calpain Contributes to Silica-Induced β -Tubulin Degradation and Nuclear Factor- κ B Activation. <i>Archives of Biochemistry and Biophysics</i> , 1997, 342, 383-388.	3.0	71
25	The penta-EF-hand protein ALG-2 interacts directly with the ESCRT-I component TSG101, and Ca ²⁺ -dependently co-localizes to aberrant endosomes with dominant-negative AAA ATPase SKD1/Vps4B. <i>Biochemical Journal</i> , 2005, 391, 677-685.	3.7	70
26	Preference of calcium-dependent interactions between calmodulin-like domains of calpain and calpastatin subdomains. <i>FEBS Letters</i> , 1995, 362, 93-97.	2.8	67
27	The penta-EF-hand domain of ALG-2 interacts with amino-terminal domains of both annexin VII and annexin XI in a Ca ²⁺ -dependent manner. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2002, 1600, 61-67.	2.3	65
28	Identification of preferred substrate sequences of microbial transglutaminase from <i>Streptomyces mobaraensis</i> using a phage-displayed peptide library. <i>Archives of Biochemistry and Biophysics</i> , 2008, 477, 379-383.	3.0	65
29	A circular dichroism study of preferential hydration and alcohol effects on a denatured protein, pig calpastatin domain I. <i>BBA - Proteins and Proteomics</i> , 1997, 1342, 73-82.	2.1	64
30	Structural Basis for Ca ²⁺ -Dependent Formation of ALG-2/Alix Peptide Complex: Ca ²⁺ /EF3-Driven Arginine Switch Mechanism. <i>Structure</i> , 2008, 16, 1562-1573.	3.3	63
31	ALG-2 Interacts with the Amino-Terminal Domain of Annexin XI in a Ca ²⁺ -Dependent Manner. <i>Biochemical and Biophysical Research Communications</i> , 2002, 291, 1166-1172.	2.1	62
32	Overexpression of calpastatin by gene transfer prevents troponin I degradation and ameliorates contractile dysfunction in rat hearts subjected to ischemia/reperfusion. <i>Journal of Molecular and Cellular Cardiology</i> , 2003, 35, 1277-1284.	1.9	62
33	The Penta-EF-Hand Protein ALG-2 Interacts with a Region Containing PxY Repeats in Alix/AIP1, Which Is Required for the Subcellular Punctate Distribution of the Amino-Terminal Truncation Form of Alix/AIP1. <i>Journal of Biochemistry</i> , 2004, 135, 117-128.	1.7	62
34	CHMP4b is a major binding partner of the ALG-2-interacting protein Alix among the three CHMP4 isoforms. <i>Archives of Biochemistry and Biophysics</i> , 2004, 421, 159-165.	3.0	62
35	HD-PTP and Alix share some membrane-traffic related proteins that interact with their Bro1 domains or proline-rich regions. <i>Archives of Biochemistry and Biophysics</i> , 2007, 457, 142-149.	3.0	58
36	cDNA Cloning of Human Calpastatin: Sequence Homology Among Human, Pig, and Rabbit Calpastatins. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 1989, 3, 49-56.	0.5	57

#	ARTICLE	IF	CITATIONS
37	CHMP7, a novel ESCRT-III-related protein, associates with CHMP4b and functions in the endosomal sorting pathway. <i>Biochemical Journal</i> , 2006, 400, 23-32.	3.7	56
38	Structure and function of ALG-2, a penta-EF-hand calcium-dependent adaptor protein. <i>Science China Life Sciences</i> , 2011, 54, 770-779.	4.9	55
39	Analysis of epidermal-type transglutaminase (TGase 3) expression in mouse tissues and cell lines. <i>International Journal of Biochemistry and Cell Biology</i> , 2001, 33, 491-498.	2.8	51
40	Analysis of epidermal-type transglutaminase (transglutaminase 3) in human stratified epithelia and cultured keratinocytes using monoclonal antibodies. <i>Journal of Dermatological Science</i> , 2003, 32, 95-103.	1.9	49
41	Characterization of a functional domain of human calpastatin. <i>Biochemical and Biophysical Research Communications</i> , 1990, 166, 1485-1493.	2.1	48
42	Unphosphorylated and tyrosine-phosphorylated forms of a focal adhesion protein, paxillin, are substrates for calpain II in vitro: Implications for the possible involvement of calpain II in mitosis-specific degradation of paxillin. <i>FEBS Letters</i> , 1994, 356, 114-116.	2.8	48
43	Calpastatin Domain L Is Involved in the Regulation of L-Type Ca ²⁺ Channels in Guinea Pig Cardiac Myocytes. <i>Biochemical and Biophysical Research Communications</i> , 2000, 279, 756-761.	2.1	48
44	Penta-EF-hand protein ALG-2 functions as a Ca ²⁺ -dependent adaptor that bridges Alix and TSG101. <i>Biochemical and Biophysical Research Communications</i> , 2009, 386, 237-241.	2.1	48
45	Identification of preferred substrate sequences for transglutaminase development of a novel peptide that can efficiently detect cross-linking enzyme activity in the skin. <i>FEBS Journal</i> , 2008, 275, 5667-5677.	4.7	46
46	Repetitive region of calpastatin is a functional unit of the proteinase inhibitor. <i>Biochemical and Biophysical Research Communications</i> , 1987, 143, 300-308.	2.1	45
47	Overexpression of calpastatin inhibits L8 myoblast fusion. <i>Biochemical and Biophysical Research Communications</i> , 2005, 332, 697-701.	2.1	43
48	Identification of Alix-type and Non-Alix-type ALG-2-binding Sites in Human Phospholipid Scramblase 3. <i>Journal of Biological Chemistry</i> , 2008, 283, 9623-9632.	3.4	43
49	Multifaceted Roles of ALG-2 in Ca ²⁺ -Regulated Membrane Trafficking. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1401.	4.1	43
50	Structure of Mouse Calpastatin Isoforms: Implications of Species-Common and Species-Specific Alternative Splicing. <i>Biochemical and Biophysical Research Communications</i> , 1999, 260, 339-345.	2.1	41
51	Peflin, a Novel Member of the Five-EF-Hand-Protein Family, Is Similar to the Apoptosis-Linked Gene 2 (ALG-2) Protein but Possesses Nonapeptide Repeats in the N-Terminal Hydrophobic Region. <i>Biochemical and Biophysical Research Communications</i> , 1999, 263, 68-75.	2.1	41
52	A New Role for Annexin A11 in the Early Secretory Pathway via Stabilizing Sec31A Protein at the Endoplasmic Reticulum Exit Sites (ERES). <i>Journal of Biological Chemistry</i> , 2015, 290, 4981-4993.	3.4	41
53	The ALG-2 Binding Site in Sec31A Influences the Retention Kinetics of Sec31A at the Endoplasmic Reticulum Exit Sites as Revealed by Live-Cell Time-Lapse Imaging. <i>Bioscience, Biotechnology and Biochemistry</i> , 2010, 74, 1819-1826.	1.3	38
54	Requirements of Different Subdomains of Calpastatin for Calpain Inhibition and for Binding to Calmodulin-Like Domains. <i>Journal of Biochemistry</i> , 1993, 113, 591-599.	1.7	37

#	ARTICLE	IF	CITATIONS
55	Characterization of Recombinant Mouse Epidermal-Type Transglutaminase (TGase 3): Regulation of Its Activity by Proteolysis and Guanine Nucleotides. <i>Journal of Biochemistry</i> , 1999, 125, 1048-1054.	1.7	36
56	Both ALG-2 and Peflin, Penta-EF-hand (PEF) Proteins, Are Stabilized by Dimerization through Their Fifth EF-Hand Regions. <i>Archives of Biochemistry and Biophysics</i> , 2002, 399, 12-18.	3.0	36
57	Evidence for the repetitive domain structure of pig calpastatin as demonstrated by cloning of complementary DNA. <i>FEBS Letters</i> , 1986, 208, 199-202.	2.8	35
58	Autolytic activity of human calpain ϵ 7 is enhanced by ESCRT-III-related protein IST1 through MIT ϵ MIM interaction. <i>FEBS Journal</i> , 2010, 277, 4412-4426.	4.7	35
59	Purification of $\frac{1}{4}$ -Calpain by a Novel Affinity Chromatography Approach. NEW INSIGHTS INTO THE MECHANISM OF THE INTERACTION OF THE PROTEASE WITH TARGETS. <i>Journal of Biological Chemistry</i> , 1995, 270, 14576-14581.	3.4	34
60	Brox, a novel farnesylated Bro1 domain-containing protein that associates with charged multivesicular body protein ϵ 4 (CHMP4). <i>FEBS Journal</i> , 2008, 275, 682-692.	4.7	32
61	Evolutionary and physical linkage between calpains and penta ϵ EF ϵ hand Ca ²⁺ -binding proteins. <i>FEBS Journal</i> , 2012, 279, 1414-1421.	4.7	32
62	Human Calpain 7/PalBH Associates with a Subset of ESCRT-III-related Proteins in its N-terminal Region and Partly Localizes to Endocytic Membrane Compartments. <i>Journal of Biochemistry</i> , 2008, 143, 731-745.	1.7	31
63	Structural Analysis of the Complex between Penta-EF-Hand ALG-2 Protein and Sec31A Peptide Reveals a Novel Target Recognition Mechanism of ALG-2. <i>International Journal of Molecular Sciences</i> , 2015, 16, 3677-3699.	4.1	28
64	Functional Properties of Recombinant Calpain I and of Mutants Lacking Domains III and IV of the Catalytic Subunit. <i>Journal of Biological Chemistry</i> , 1997, 272, 25802-25808.	3.4	27
65	The calcium-binding protein ALG ϵ 2 promotes endoplasmic reticulum exit site localization and polymerization of Trk ϵ fused gene (TFG) protein. <i>FEBS Journal</i> , 2017, 284, 56-76.	4.7	27
66	Nuclear ALG-2 Protein Interacts with Ca ²⁺ Homeostasis Endoplasmic Reticulum Protein (CHERP) Ca ²⁺ -dependently and Participates in Regulation of Alternative Splicing of Inositol Trisphosphate Receptor Type 1 (IP3R1) Pre-mRNA. <i>Journal of Biological Chemistry</i> , 2013, 288, 33361-33375.	3.4	26
67	Run-down of the cardiac L-type Ca ²⁺ channel: partial restoration of channel activity in cell-free patches by calpastatin. <i>Pflugers Archiv European Journal of Physiology</i> , 1998, 435, 344-349.	2.8	25
68	Expression of Biologically Active Human Calpastatin in Baculovirus-infected Insect Cells and in <i>Escherichia coli</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 1998, 62, 136-141.	1.3	25
69	Posttranslational regulation of the retinoblastoma gene family member p107 by calpain protease. <i>Oncogene</i> , 1999, 18, 1789-1796.	5.9	25
70	Multiple forms of rat calpastatin cDNA in the coding region of functionally unknown amino-terminal domain. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1992, 1129, 251-253.	2.4	24
71	Characterization of Human Recombinant Transglutaminase 1 Purified from Baculovirus-infected Insect Cells. <i>Bioscience, Biotechnology and Biochemistry</i> , 2000, 64, 2128-2137.	1.3	24
72	Calpain Regulates Enterocyte Brush Border Actin Assembly and Pathogenic <i>Escherichia coli</i> -mediated Effacement. <i>Journal of Biological Chemistry</i> , 2003, 278, 30403-30412.	3.4	24

#	ARTICLE	IF	CITATIONS
73	VPS37 Isoforms Differentially Modulate the Ternary Complex Formation of ALIX, ALG-2, and ESCRT-I. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 1715-1721.	1.3	24
74	Cloning of genomic DNA for human atrial natriuretic factor. <i>Biochemical and Biophysical Research Communications</i> , 1984, 125, 797-802.	2.1	23
75	Real-time analysis of the calcium-dependent interaction between calmodulin and a synthetic oligopeptide of calcineurin by a surface plasmon resonance biosensor. <i>FEBS Letters</i> , 1994, 352, 247-250.	2.8	23
76	Transplanted Long-Term Cultured Pre-Bi Cells Expressing Calpastatin Are Resistant to B Cell Receptor-Induced Apoptosis. <i>Journal of Experimental Medicine</i> , 2001, 194, 247-254.	8.5	23
77	2,3 Dimercapto-1-Propanol Inhibits HIV-1tatActivity, Viral Production, and Infectivity In Vitro. <i>AIDS Research and Human Retroviruses</i> , 1990, 6, 919-927.	1.1	22
78	Novel site-specific immobilization of a functional protein using a preferred substrate sequence for transglutaminase 2. <i>Journal of Biotechnology</i> , 2007, 131, 121-127.	3.8	22
79	Structure of the active 27-residue fragment of human calpastatin. <i>FEBS Letters</i> , 1991, 294, 64-66.	2.8	21
80	Distinct functions of human MVB12A and MVB12B in the ESCRT-I dependent on their posttranslational modifications. <i>Biochemical and Biophysical Research Communications</i> , 2010, 399, 232-237.	2.1	21
81	Adaptor Protein Ruk/CIN85 is Associated with a Subset of COPI-Coated Membranes of the Golgi Complex. <i>Traffic</i> , 2008, 9, 798-812.	2.7	20
82	The calcium-binding protein ALG-2 regulates protein secretion and trafficking via interactions with MISSL and MAP1B proteins. <i>Journal of Biological Chemistry</i> , 2017, 292, 17057-17072.	3.4	20
83	ALG-2-interacting Tubby-like protein superfamily member PLSCR3 is secreted by an exosomal pathway and taken up by recipient cultured cells. <i>Bioscience Reports</i> , 2013, 33, e00026.	2.4	19
84	Isolation and sequence analysis of bovine .ALPHA.s1-casein cDNA clone.. <i>Agricultural and Biological Chemistry</i> , 1984, 48, 1663-1667.	0.3	18
85	Regulation of Transformed State by Calpastatin via PKC μ in NIH3T3 Mouse Fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 2002, 290, 510-517.	2.1	18
86	A region of calpastatin domain L that reprimers cardiac L-type Ca ²⁺ channels. <i>Biochemical and Biophysical Research Communications</i> , 2006, 348, 288-294.	2.1	18
87	Identification of the P-body component PATL1 as a novel ALG-2-interacting protein by in silico and far-Western screening of proline-rich proteins. <i>Journal of Biochemistry</i> , 2012, 151, 657-666.	1.7	18
88	Suppression of okadaic acid-induced apoptosis by overexpression of calpastatin in human Uvr-1 cells. <i>FEBS Letters</i> , 1999, 459, 391-394.	2.8	17
89	Involvement of calpain ϵ 7 in epidermal growth factor receptor degradation via the endosomal sorting pathway. <i>FEBS Journal</i> , 2014, 281, 3642-3655.	4.7	17
90	Molecular basis for defect in Alix-binding by alternatively spliced isoform of ALG-2 (ALG-2 β GF122) and structural roles of F122 in target recognition. <i>BMC Structural Biology</i> , 2010, 10, 25.	2.3	15

#	ARTICLE	IF	CITATIONS
91	Calpain System Regulates the Differentiation of Adult Primitive Mesenchymal ST-13 Adipocytes. <i>Endocrinology</i> , 2006, 147, 4811-4819.	2.8	14
92	Purification and Characterization of the Active-Site-Mutated Recombinant Human μ -Calpain Expressed in Baculovirus-Infected Insect Cells. <i>Biochemical and Biophysical Research Communications</i> , 1998, 246, 681-685.	2.1	13
93	Identification of mammalian-type transglutaminase in <i>Physarum polycephalum</i> . <i>FEBS Journal</i> , 2002, 269, 3451-3460.	0.2	13
94	Role of the cysteine-rich region of HIV tat protein on its trans-activational ability. <i>Virus Genes</i> , 1989, 2, 113-118.	1.6	12
95	Transforming activity and the level of tax protein: Effect of one point mutation in HTLV-I tax gene. <i>International Journal of Cancer</i> , 1992, 52, 323-328.	5.1	12
96	GTP, an Inhibitor of Transglutaminases, is Hydrolyzed by Tissue-type Transglutaminase (TGase 2) but not by Epidermal-type Transglutaminase (TGase 3). <i>Bioscience, Biotechnology and Biochemistry</i> , 2000, 64, 657-659.	1.3	12
97	Calpain-7 binds to CHMP1B at its second α -helical region and forms a ternary complex with IST1. <i>Journal of Biochemistry</i> , 2011, 150, 411-421.	1.7	11
98	Direct measurement of calpastatin subtypes by sandwich enzyme immunoassay using monoclonal antibodies. <i>Molecular and Cellular Probes</i> , 1991, 5, 261-269.	2.1	10
99	The mechanism of Ca ²⁺ -dependent recognition of Alix by ALG-2: insights from X-ray crystal structures. <i>Biochemical Society Transactions</i> , 2009, 37, 190-194.	3.4	10
100	Analysis of limited proteolytic activity of calpain μ 7 using non μ physiological substrates in mammalian cells. <i>FEBS Journal</i> , 2013, 280, 2594-2607.	4.7	10
101	Prediction of a New Ligand-Binding Site for Type 2 Motif based on the Crystal Structure of ALG-2 by Dry and Wet Approaches. <i>International Journal of Molecular Sciences</i> , 2012, 13, 7532-7549.	4.1	9
102	Amino Acid-Mediated Intracellular Ca ²⁺ Rise Modulates mTORC1 by Regulating the TSC2-Rheb Axis through Ca ²⁺ /Calmodulin. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6897.	4.1	9
103	Hepatitis C Virus-Induced ROS/JNK Signaling Pathway Activates the E3 Ubiquitin Ligase Itch to Promote the Release of HCV Particles via Polyubiquitylation of VPS4A. <i>Journal of Virology</i> , 2022, 96, JVI0181121.	3.4	9
104	Immunological Detection of Proteolytically Activated Epidermal-type Transglutaminase (TGase 3) Using Cleavage-site-specific Antibody. <i>Bioscience, Biotechnology and Biochemistry</i> , 2003, 67, 2492-2494.	1.3	8
105	Identification of Rab GTPase-Activating Protein-Like Protein (RabGAPLP) as a Novel Alix/AIP1-Interacting Protein. <i>Bioscience, Biotechnology and Biochemistry</i> , 2005, 69, 861-865.	1.3	8
106	Mammalian ESCRT-III-Related Protein IST1 Has a Distinctive Met-Pro Repeat Sequence That Is Essential for Interaction with ALG-2 in the Presence of Ca ²⁺ . <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 1049-1054.	1.3	8
107	A microtubule-associated protein MAP1B binds to and regulates localization of a calcium-binding protein ALG-2. <i>Biochemical and Biophysical Research Communications</i> , 2018, 497, 492-498.	2.1	8
108	Biochemical and Immunological Detection of Physical Interactions Between Penta-EF-Hand Protein ALG-2 and Its Binding Partners. <i>Methods in Molecular Biology</i> , 2013, 963, 187-200.	0.9	8

#	ARTICLE	IF	CITATIONS
109	Structures and functions of penta-EF-hand calcium-binding proteins and their interacting partners: enigmatic relationships between ALG-2 and calpain-7. <i>Bioscience, Biotechnology and Biochemistry</i> , 2020, 84, 651-660.	1.3	7
110	The Penta-EF-Hand ALG-2 Protein Interacts with the Cytosolic Domain of the SOCE Regulator SARAF and Interferes with Ubiquitination. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6315.	4.1	7
111	Tubby-like protein superfamily member PLSCR3 functions as a negative regulator of adipogenesis in mouse 3T3-L1 preadipocytes by suppressing induction of late differentiation stage transcription factors. <i>Bioscience Reports</i> , 2016, 36, e00287.	2.4	6
112	The Novel ALG-2 Target Protein CDIP1 Promotes Cell Death by Interacting with ESCRT-I and VAPA/B. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1175.	4.1	6
113	Purification of Recombinant Calpastatin Expressed in <i>Escherichia coli</i> . , 2000, 144, 85-94.		5
114	DdAlix, an Alix/AIP1 homolog in <i>Dictyostelium discoideum</i> , is required for multicellular development under low Ca ²⁺ conditions. <i>Gene</i> , 2004, 337, 131-139.	2.2	5
115	Identification of substrates for transglutaminase in <i>Physarum polycephalum</i> , an acellular slime mold, upon cellular mechanical damage. <i>FEBS Journal</i> , 2007, 274, 2766-2777.	4.7	5
116	Nanoluciferase Reporter Gene System Directed by Tandemly Repeated Pseudo-Palindromic NFAT-Response Elements Facilitates Analysis of Biological Endpoint Effects of Cellular Ca ²⁺ Mobilization. <i>International Journal of Molecular Sciences</i> , 2018, 19, 605.	4.1	5
117	Analyses of Expression and Localization of Two Mammalian-Type Transglutaminases in <i>Physarum polycephalum</i> , an Acellular Slime Mold. <i>Journal of Biochemistry</i> , 2004, 136, 665-672.	1.7	4
118	Identification of cysteine protease inhibitors that belong to cystatin family 1 in the cellular slime mold <i>Dictyostelium discoideum</i> . <i>Biological Chemistry</i> , 2004, 385, 547-50.	2.5	4
119	Detection of Autoantibodies to Annexin A11 in Different Types of Human Cancer. <i>Clinical Proteomics</i> , 2009, 5, 125-131.	2.1	4
120	SH3YL1 cooperates with ESCRT-I in the sorting and degradation of the EGF receptor. <i>Journal of Cell Science</i> , 2019, 132, .	2.0	4
121	Functional conversion from HIV-1 Rev to HTLV-1 Rex by mutation. <i>Biochemical and Biophysical Research Communications</i> , 1991, 178, 1226-1232.	2.1	3
122	<i>Dictyostelium discoideum</i> requires an Alix/AIP1 homolog, DdAlix, for morphogenesis in alkaline environments. <i>FEBS Letters</i> , 2005, 579, 1745-1750.	2.8	3
123	Crystallization and X-ray diffraction analysis of N-terminally truncated human ALG-2. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2008, 64, 974-977.	0.7	3
124	Nucleotide Sequence Comparison of mRNAs Coding for Major Calcium-sensitive Caseins between Cow and Rat. <i>Agricultural and Biological Chemistry</i> , 1985, 49, 1099-1109.	0.3	2
125	Constant expression of mouse calpastatin isoforms during differentiation in myoblast cell line, C2C12. <i>Cytotechnology</i> , 2000, 33, 63-70.	1.6	2
126	Identification of Phosphorylation Sites in the C-Terminal Region of Charged Multivesicular Body Protein 1A (CHMP1A). <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 1317-1319.	1.3	2

#	ARTICLE	IF	CITATIONS
127	High Sensitive Quantitative Binding Assays Using a Nanoluciferase-Fused Probe for Analysis of ALG-2-Interacting Proteins. <i>Methods in Molecular Biology</i> , 2019, 1929, 501-516.	0.9	2
128	Penta-EF-Hand (PEF) Proteins and Calsenilin/DREAM: Involvement of the New EF-Hand Calcium-Binding Proteins in Apoptosis and Signal Transduction. , 2000, , 245-258.		2
129	Expression of post-transcriptional regulatory gene of HTLV-I,rex, in <i>Escherichia coli</i> . <i>Virus Genes</i> , 1989, 3, 153-8.	1.6	0
130	Reevaluation of the Predicted Gene Structure of <i>Dictyostelium</i> Cystatin A3 (cpiC) by Nucleotide Sequence Determination of its cDNA* and its Phylogenetic Position in the Cystatin Superfamily. <i>Molecular Biology Reports</i> , 2005, 32, 257-264.	2.3	0
131	Characterization of Recombinant Transglutaminases 1 and 3 Expressed in Baculovirus System. , 2002, , 167-171.		0
132	Characterization of Highly Reactive Sequences for Transglutaminase 2 and Factor XIIIa. , 2008, , 325-331.		0
133	Expression and Characterization of Human Calpain and Calpastatin Using Baculovirus System. , 1999, , 265-269.		0