Atsuhiko Ishida

List of Publications by Year
in descending order

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50 papers	1,280 citations	394286 19 h-index	360920 35 g-index
50 all docs	50 docs citations	50 times ranked	1324 citing authors

#	Article	IF	Citations
1	Requirement of Calmodulindependent Protein Kinase II in Cyclic ADP-ribose-mediated Intracellular Ca2+ Mobilization. Journal of Biological Chemistry, 1995, 270, 30257-30259.	1.6	99
2	Long noncoding RNA, CCDC26, controls myeloid leukemia cell growth through regulation of KIT expression. Molecular Cancer, 2015, 14, 90.	7.9	86
3	A Novel Protein Phosphatase That Dephosphorylates and Regulates Ca2+/Calmodulin-dependent Protein Kinase II. Journal of Biological Chemistry, 1998, 273, 1904-1910.	1.6	84
4	Retinoic Acid Stimulates 17Î²-Estradiol and Testosterone Synthesis in Rat Hippocampal Slice Cultures. Endocrinology, 2009, 150, 4260-4269.	1.4	72
5	Selective estrogen-receptor modulators suppress microglial activation and neuronal cell death via an estrogen receptor-dependent pathway. Journal of Steroid Biochemistry and Molecular Biology, 2015, 145, 85-93.	1.2	69
6	Stabilization of Calmodulin-dependent Protein Kinase II through the Autoinhibitory Domain. Journal of Biological Chemistry, 1995, 270, 2163-2170.	1.6	68
7	Tributyltin induces oxidative stress and neuronal injury by inhibiting glutathione S-transferase in rat organotypic hippocampal slice cultures. Neurochemistry International, 2012, 60, 782-790.	1.9	68
8	Critical amino acid residues of AIP, a highly specific inhibitory peptide of calmodulin-dependent protein kinase II. FEBS Letters, 1998, 427, 115-118.	1.3	59
9	A new approach for the detection of multiple protein kinases using monoclonal antibodies directed to the highly conserved region of protein kinases. Analytical Biochemistry, 2003, 322, 215-224.	1.1	51
10	Molecular Cloning of Ca2+/Calmodulin-Dependent Protein Kinase Phosphatase. Journal of Biochemistry, 1999, 125, 1022-1028.	0.9	47
11	Protein phosphatases that regulate multifunctional Ca2+/calmodulin-dependent protein kinases: from biochemistry to pharmacology. , 2003, 100, 291-305.		44
12	Allopregnanolone-mediated protective effects of progesterone on tributyltin-induced neuronal injury in rat hippocampal slices. Journal of Steroid Biochemistry and Molecular Biology, 2013, 135, 1-6.	1.2	41
13	Regulation of Multifunctional Ca2+/Calmodulin-Dependent Protein Kinases by Ca2+/Calmodulin-Dependent Protein Kinase Phosphatase. Biochemical and Biophysical Research Communications, 1998, 253, 159-163.	1.0	37
14	Protective Actions of 17Î²-Estradiol and Progesterone on Oxidative Neuronal Injury Induced by Organometallic Compounds. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-16.	1.9	32
15	Detection of Protein Phosphatase Activities in Sodium Dodecyl Sulfateâ€“Polyacrylamide Gel Using Peptide Substrates. Analytical Biochemistry, 1997, 245, 149-153.	1.1	29
16	Generation and application of a monoclonal antibody that detects a wide variety of protein tyrosine kinases. Analytical Biochemistry, 2005, 347, 112-120.	1.1	25
17	Identification of major Ca2+/calmodulin-dependent protein kinase phosphatase-binding proteins in brain: biochemical analysis of the interaction. Archives of Biochemistry and Biophysics, 2005, 435, 134-146.	1.4	25
18	Mutational analysis of Ca2+/calmodulin-dependent protein kinase phosphatase (CaMKP). Archives of Biochemistry and Biophysics, 2006, 452, 174-185.	1.4	25

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19	Inhibitors of the Ca2+/calmodulin-dependent protein kinase phosphatase family (CaMKP and CaMKP-N). Biochemical and Biophysical Research Communications, 2007, 363, 715-721.	1.0	25
20	Phosphorylation and activation of Ca2+/calmodulin-dependent protein kinase phosphatase by Ca2+/calmodulin-dependent protein kinase II. FEBS Letters, 1999, 456, 249-252.	1.3	19
21	Recent Advances in Technologies for Analyzing Protein Kinases. Journal of Pharmacological Sciences, 2007, 103, 5-11.	1.1	19
22	Knockdown of nuclear Ca2+/calmodulin-dependent protein kinase phosphatase causes developmental abnormalities in zebrafish. Archives of Biochemistry and Biophysics, 2007, 457, 205-216.	1.4	19
23	Functional processing of nuclear Ca2+/calmodulin-dependent protein kinase phosphatase (CaMKP-N): Evidence for a critical role of proteolytic processing in the regulation of its catalytic activity, subcellular localization and substrate targeting in vivo. Archives of Biochemistry and Biophysics, 2012, 517, 43-52.	1.4	19
24	Stimulation of Ca2+/calmodulin-dependent protein kinase phosphatase by polycations. Archives of Biochemistry and Biophysics, 2002, 408, 229-238.	1.4	18
25	Suppressive effects of 17Î²-estradiol on tributyltin-induced neuronal injury via Akt activation and subsequent attenuation of oxidative stress. Life Sciences, 2014, 99, 24-30.	2.0	18
26	Ca2+/calmodulin-dependent protein kinase phosphatase (CaMKP) is indispensable for normal embryogenesis in zebrafish, Danio rerio. Archives of Biochemistry and Biophysics, 2009, 488, 48-59.	1.4	17
27	Functions and dysfunctions of Ca2+/calmodulin-dependent protein kinase phosphatase (CaMKP/PPM1F) and CaMKP-N/PPM1E. Archives of Biochemistry and Biophysics, 2018, 640, 83-92.	1.4	17
28	Regulation of Ca2+/calmodulin-dependent protein kinase phosphatase (CaMKP) by oxidation/reduction at Cys-359. Archives of Biochemistry and Biophysics, 2012, 526, 9-15.	1.4	14
29	De Novo Synthesized Estradiol Protects against Methylmercury-Induced Neurotoxicity in Cultured Rat Hippocampal Slices. PLoS ONE, 2013, 8, e55559.	1.1	13
30	Generation of a polyclonal antibody that simultaneously detects multiple Ser/Thr protein kinases. Journal of Proteomics, 2004, 60, 13-22.	2.4	12
31	High Level Expression and Preparation of Autonomous Ca2+/Calmodulin-Dependent Protein Kinase II in Escherichia coli. Journal of Biochemistry, 2005, 138, 605-611.	0.9	12
32	Assay of Protein Phosphatase Activities with Phosphopeptideâ€“Magnetic Particle Conjugates. Analytical Biochemistry, 1997, 254, 152-155.	1.1	10
33	Phosphorylation and activation of nuclear Ca2+/calmodulin-dependent protein kinase phosphatase (CaMKP-N/PPM1E) by Ca2+/calmodulin-dependent protein kinase I (CaMKI). Biochemical and Biophysical Research Communications, 2012, 422, 703-709.	1.0	10
34	Regulation of Ca2+/calmodulin-dependent protein kinase phosphatase (CaMKP/PPM1F) by protocadherin-Î³C5 (Pcdh-Î³C5). Archives of Biochemistry and Biophysics, 2015, 585, 109-120.	1.4	10
35	The Phosphatase-Resistant Isoform of CaMKI, Ca²⁺/Calmodulin-Dependent Protein Kinase IÎ´ (CaMKIÎ´), Remains in Its â€œPrimedâ€•Form without Ca²⁺ Stimulation. Biochemistry, 2015, 54, 3617-3630.	1.2	9
36	Dual phosphorylation of protein phosphatase PPM1H promotes dephosphorylation of Smad1 in cellulo. Biochemical and Biophysical Research Communications, 2020, 530, 513-519.	1.0	9

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37	Phosphorylation of calmodulin by Ca2+/calmodulin-dependent protein kinase IV. Archives of Biochemistry and Biophysics, 2002, 407, 72-82.	1.4	8
38	Facile preparation of highly active casein kinase 1 using Escherichia coli constitutively expressing lambda phosphatase. Analytical Biochemistry, 2018, 549, 99-106.	1.1	7
39	Ca 2+ /calmodulin-dependent protein kinase phosphatase (CaMKP/PPM1F) interacts with neurofilament L and inhibits itsÂfilament association. Biochemical and Biophysical Research Communications, 2016, 477, 820-825.	1.0	6
40	An Active C-Terminally Truncated Form of Ca2+/Calmodulin-Dependent Protein Kinase Phosphatase-N (CaMKP-N/PPM1E). BioMed Research International, 2013, 2013, 1-10.	0.9	5
41	High-performance CaMKI: A highly active and stable form of CaMKIÎ´ produced by high-level soluble expression in Escherichia coli. Biochemical and Biophysical Research Communications, 2016, 475, 277-282.	1.0	5
42	Autoactivation of C-terminally truncated Ca2+/calmodulin-dependent protein kinase (CaMK) Iî´ via CaMK kinase-independent autophosphorylation. Archives of Biochemistry and Biophysics, 2019, 668, 29-38.	1.4	4
43	In-Gel Protein Phosphatase Assays and Other Useful Methods for the Detection of Protein Phosphatase Activities. Anti-Cancer Agents in Medicinal Chemistry, 2011, 11, 47-53.	0.9	3
44	Ink-native electrophoresis: An alternative to blue-native electrophoresis more suitable for in-gel detection of enzymatic activity. Analytical Biochemistry, 2013, 440, 142-144.	1.1	3
45	Cellular localization of CoPK12, a Ca2+/calmodulin-dependent protein kinase in mushroom Coprinopsis cinerea, is regulated by N-myristoylation. Journal of Biochemistry, 2014, 156, 51-61.	0.9	3
46	Biochemical characterization of four splice variants of mouse Ca2+/calmodulin-dependent protein kinase Iî´. Journal of Biochemistry, 2021, 169, 445-458.	0.9	2
47	Long noncoding RNA CCDC26 as a modulator of transcriptional switching between fetal and embryonic globins. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 118931.	1.9	2
48	CaM kinase phosphatase (CaMKP/PPM1F/POPX2) is specifically inactivated through gallate-mediated protein carbonylation. Archives of Biochemistry and Biophysics, 2022, 720, 109170.	1.4	1
49	In-Gel Protein Phosphatase Assay Using Fluorogenic Substrates. Methods in Molecular Biology, 2018, 1853, 165-172.	0.4	0
50	In-gel kinase assay revisited. Seibutsu Butsuri Kagaku, 2014, 58, 62-64.	0.1	0