Mamoru Matsubara

List of Publications by Year
in descending order

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42 papers	1,726 citations	331670 21 h-index	315739 38 g-index
42 all docs	42 docs citations	42 times ranked	2041 citing authors

#	Article	IF	Citations
1	A novel device to prevent osteoporosis by promoting bone metabolism using a newly developed double-loading stimulation with vibration and shaking. Okajimas Folia Anatomica Japonica, 2019, 96, 13-21.	1.2	4
2	Effect of shaking and vibration stimulation on lumbar vertebrae in ovariectomized mice.. , 2019, 5, 57-62.		0
3	Effectiveness of exercise-induced cytokines in alleviating arthritis symptoms in arthritis model mice. Okajimas Folia Anatomica Japonica, 2016, 93, 81-88.	1.2	11
4	Groped for a novel stimulation method for the prevention of lumbar vertebral compression pressure bone fracture and verification using a bone density drop model mouse. Okajimas Folia Anatomica Japonica, 2014, 91, 29-36.	1.2	3
5	Partial Purification and Characterization of the Rat Parotid Gland Protein Kinase Catalyzing Phosphorylation of Matured Destrin at Ser-2. Advances in Enzyme Research, 2014, 02, 100-112.	1.6	0
6	Two-dimensional phosphate-affinity gel electrophoresis for the analysis of phosphoprotein isotypes. Electrophoresis, 2009, 30, 550-559.	2.4	48
7	Biochemical characterization of rab proteins from Bombyx mori. Archives of Insect Biochemistry and Physiology, 2009, 70, 77-89.	1.5	2
8	Nef of HIV-1 interacts directly with calcium-bound calmodulin. Protein Science, 2009, 11, 529-537.	7.6	44
9	Phosphorylation of small GTPase Rab proteins from Bombyx mori (Lepidoptera: Bombycidae). European Journal of Entomology, 2009, 106, 499-506.	1.2	1
10	Quantitative Dynamic Analysis of Site-Specific Phosphorylation of Myelin Basic Protein Using Mass Spectrometry and iTRAQ Reagent. Journal of the Mass Spectrometry Society of Japan, 2009, 57, 249-254.	0.1	1
11	Separation of phosphoprotein isotypes having the same number of phosphate groups using phosphateâ€affinity SDSâ€PAGE. Proteomics, 2008, 8, 2994-3003.	2.2	81
12	Crystal structure of human mono-phosphorylated ERK1 at Tyr204. Biochemical and Biophysical Research Communications, 2008, 377, 1123-1127.	2.1	46
13	The neuronal connexin36 interacts with and is phosphorylated by CaMKII in a way similar to CaMKII interaction with glutamate receptors. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 20964-20969.	7.1	110
14	Neural complex-specific expression of xylosyl N-glycan in Ciona intestinalis. Glycobiology, 2007, 18, 145-151.	2.5	17
15	Determination of phosphorylated amino acid residues of Rab8 from Bombyx mori. Archives of Insect Biochemistry and Physiology, 2007, 66, 89-97.	1.5	11
16	Structure of human Fyn kinase domain complexed with staurosporine. Biochemical and Biophysical Research Communications, 2006, 346, 840-844.	2.1	58
17	Myristoyl moiety of HIV Nef is involved in regulation of the interaction with calmodulin in vivo. Protein Science, 2005, 14, 494-503.	7.6	32
18	The Interaction between PSD-95 and Ca2+/Calmodulin Is Enhanced by PDZ-Binding Proteins. Journal of Biochemistry, 2005, 138, 177-182.	1.7	12

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19	The Role of Protein Myristoylation in Protein-Lipid and Protein-Protein Interactions. Seibutsu Butsuri, 2005, 45, 128-133.	0.1	0
20	Crystal structure of a myristoylated CAP-23/NAP-22 N-terminal domain complexed with Ca2+/calmodulin. EMBO Journal, 2004, 23, 712-718.	7.8	83
21	Demonstration of a role for Î±-synuclein as a functional microtubule-associated protein. Journal of Alzheimer's Disease, 2004, 6, 435-442.	2.6	177
22	Crystal structure of a MARCKS peptide containing the calmodulin-binding domain in complex with Ca2+-calmodulin. Nature Structural and Molecular Biology, 2003, 10, 226-231.	8.2	106
23	Regulation of Endothelial Nitric Oxide Synthase by Protein Kinase C. Journal of Biochemistry, 2003, 133, 773-781.	1.7	96
24	Direct Involvement of Protein Myristoylation in Myristoylated Alanine-rich C Kinase Substrate (MARCKS)-Calmodulin Interaction. Journal of Biological Chemistry, 2003, 278, 48898-48902.	3.4	43
25	Media selection for refolding of thermolysin by use of immobilized preparation. Journal of Bioscience and Bioengineering, 2000, 89, 188-192.	2.2	12
26	High Performance in Refolding of Streptomyces griseus Trypsin by the Aid of a Mutant of Streptomyces Subtilisin Inhibitor Designed as Trypsin Inhibitor. Journal of Biochemistry, 1999, 125, 343-347.	1.7	11
27	Identification of the Calmodulin-binding Domain of Neuron-specific Protein Kinase C Substrate Protein CAP-22/NAP-22. Journal of Biological Chemistry, 1999, 274, 11848-11853.	3.4	59
28	MARCKS, a major protein kinase C substrate, assumes non-helical conformations both in solution and in complex with Ca2+-calmodulin. FEBS Letters, 1998, 421, 203-207.	2.8	39
29	An Expression System of Rat Calmodulin Using T7 Phage Promoter inEscherichia coli. Protein Expression and Purification, 1998, 12, 25-28.	1.3	138
30	Circular Dichroism and 1H NMR Studies on the Structures of Peptides Derived from the Calmodulin-binding Domains of Inducible and Endothelial Nitric-oxide Synthase in Solution and in Complex with Calmodulin. Journal of Biological Chemistry, 1997, 272, 23050-23056.	3.4	57
31	Circular Dichroism and 1H Nuclear Magnetic Resonance Studies on the Solution and Membrane Structures of GAP-43 Calmodulin-binding Domain. Journal of Biological Chemistry, 1997, 272, 7639-7645.	3.4	29
32	Involvement of basic amphiphilic Î±-helical domain in the reversible membrane interaction of amphitropic proteins: Structural studies by mass spectrometry, circular dichroism, and nuclear magnetic resonance. Techniques in Protein Chemistry, 1997, , 555-564.	0.3	0
33	Interaction of Calmodulin-Binding Domain Peptides of Nitric Oxide Synthase with Membrane Phospholipids:Â Regulation by Protein Phosphorylation and Ca2+-Calmodulinâ€. Biochemistry, 1996, 35, 14651-14658.	2.5	56
34	Design of optimum refolding solution by combination of reagents classified by specific function. Journal of Bioscience and Bioengineering, 1996, 82, 401-403.	0.9	15
35	Site-specific Phosphorylation of Synapsin I by Mitogen-activated Protein Kinase and Cdk5 and Its Effects on Physiological Functions. Journal of Biological Chemistry, 1996, 271, 21108-21113.	3.4	220
36	Preparation of characteristic diagram for refolding of lysozyme.. Chemical and Pharmaceutical Bulletin, 1995, 43, 2027-2029.	1.3	2

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37	Renaturation of the mature subtilisin BPN' immobilized on agarose beads. FEBS Letters, 1994, 350, 109-112.	2.8	17
38	Achievement of renaturation of subtilisin BPN' by a novel procedure using organic salts and a digestible mutant ofStreptomycessubtilisin inhibitor. FEBS Letters, 1994, 342, 193-196.	2.8	23
39	Refolding of subtilisim BPN' achieved almost quantitatively by covalent immobilization on an agrose gel.. Chemical and Pharmaceutical Bulletin, 1993, 41, 2063-2065.	1.3	11
40	"Loose Folding" and "Delayed Oxidation" Procedures Successfully Applied for Refolding of Fully Reduced Hen Egg White Lysozyme.. Chemical and Pharmaceutical Bulletin, 1993, 41, 1207-1210.	1.3	25
41	Quantitativein vitroRenaturation of Subtilisin BPNâ€™ without the Aid of Pro-sequence. Chemistry Letters, 1993, 22, 1783-1786.	1.3	5
42	Difference between guanidinium chloride and urea as denaturants of globular proteins: The possibility of application to improved refolding processes.. Chemical and Pharmaceutical Bulletin, 1992, 40, 550-552.	1.3	21