Susumu Y Imanishi

List of Publications by Year
in descending order

37 papers	1,795 citations	236925 25 h-index	330143 37 g-index
39 all docs	39 docs citations	39 times ranked	2845 citing authors

#	Article	IF	Citations
1	Comparison of protein phosphatase inhibitory activity and apparent toxicity of microcystins and related compounds. Toxicon, 2002, 40, 1017-1025.	1.6	135
2	Interphase phosphorylation of lamin A. Journal of Cell Science, 2014, 127, 2683-96.	2.0	134
3	Isolation of Adda from microcystin-LR by microbial degradation. Toxicon, 2004, 44, 107-109.	1.6	131
4	Bacterial Degradation of Microcystins and Nodularin. Chemical Research in Toxicology, 2005, 18, 591-598.	3.3	127
5	Vimentinâ€"ERK Signaling Uncouples Slug Gene Regulatory Function. Cancer Research, 2015, 75, 2349-2362.	0.9	112
6	Extracellular Signal-regulated Kinase and Glycogen Synthase Kinase 3Î² Regulate Gephyrin Postsynaptic Aggregation and GABAergic Synaptic Function in a Calpain-dependent Mechanism. Journal of Biological Chemistry, 2013, 288, 9634-9647.	3.4	98
7	A new vertebrate SUMO enzyme family reveals insights into SUMO-chain assembly. Nature Structural and Molecular Biology, 2015, 22, 959-967.	8.2	82
8	Reference-facilitated Phosphoproteomics. Molecular and Cellular Proteomics, 2007, 6, 1380-1391.	3.8	72
9	In Vivo Identification of Sumoylation Sites by a Signature Tag and Cysteine-targeted Affinity Purification. Journal of Biological Chemistry, 2010, 285, 19324-19329.	3.4	67
10	Phosphoproteomics to Characterize Host Response During Influenza A Virus Infection of Human Macrophages. Molecular and Cellular Proteomics, 2016, 15, 3203-3219.	3.8	66
11	Investigation of the distribution and excretion of okadaic acid in mice using immunostaining method. Toxicon, 2002, 40, 159-165.	1.6	63
12	Microbial degradation of cyanobacterial cyclic peptides. Water Research, 2007, 41, 1754-1762.	11.3	60
13	Proteomics approach on microcystin binding proteins in mouse liver for investigation of microcystin toxicity. Toxicon, 2004, 43, 651-659.	1.6	59
14	Structural Characterization of Microcystins by LC/MS/MS under Ion Trap Conditions. Journal of Antibiotics, 2006, 59, 710-719.	2.0	55
15	Label-free quantitative phosphoproteomics with novel pairwise abundance normalization reveals synergistic RAS and CIP2A signaling. Scientific Reports, 2015, 5, 13099.	3.3	49
16	Phosphorylation of Notch1 by Pim kinases promotes oncogenic signaling in breast and prostate cancer cells. Oncotarget, 2016, 7, 43220-43238.	1.8	49
17	Phosphoproteome and drug-response effects mediated by the three protein phosphatase 2A inhibitor proteins CIP2A, SET, and PME-1. Journal of Biological Chemistry, 2020, 295, 4194-4211.	3.4	48
18	Quantitative Site-Specific Phosphoproteomics of <i>Trichoderma reesei</i> Signaling Pathways upon Induction of Hydrolytic Enzyme Production. Journal of Proteome Research, 2016, 15, 457-467.	3.7	40

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19	Microcystin production during algal bloom occurrence in Laguna de Bay, the Philippines. Fisheries Science, 2003, 69, 110-116.	1.6	38
20	Cyclin-dependent kinase 5 acts as a critical determinant of AKT-dependent proliferation and regulates differential gene expression by the androgen receptor in prostate cancer cells. Molecular Biology of the Cell, 2015, 26, 1971-1984.	2.1	38
21	Optimization of phosphopeptide elution conditions in immobilized Fe(III) affinity chromatography. Proteomics, 2007, 7, 174-176.	2.2	37
22	PKCÎ¶ regulates Notch receptor routing and activity in a Notch signaling-dependent manner. Cell Research, 2014, 24, 433-450.	12.0	37
23	Sphingolipids inhibit vimentin-dependent cell migration. Journal of Cell Science, 2015, 128, 2057-2069.	2.0	33
24	Fast track to a phosphoprotein sketch â€“ MALDI-TOF characterization of TLC-based tryptic phosphopeptide maps at femtomolar detection sensitivity. Proteomics, 2006, 6, 5676-5682.	2.2	27
25	Simultaneous detection and determination of the absolute configuration of thiazole-containing amino acids in a peptide. Tetrahedron, 2002, 58, 6873-6879.	1.9	26
26	Confident Site Localization Using a Simulated Phosphopeptide Spectral Library. Journal of Proteome Research, 2015, 14, 2348-2359.	3.7	26
27	Protein Kinase CÎ¶ Regulates Cdk5/p25 Signaling during Myogenesis. Molecular Biology of the Cell, 2010, 21, 1423-1434.	2.1	17
28	Phosphoprotein analysis for investigation of <i>in vivo</i> relationship between protein phosphatase inhibitory activities and acute hepatotoxicity of microcystinâ€ŁR. Environmental Toxicology, 2007, 22, 620-629.	4.0	15
29	Application of MALDI Biotyper to cyanobacterial profiling. Rapid Communications in Mass Spectrometry, 2017, 31, 325-332.	1.5	10
30	SimPhospho: a software tool enabling confident phosphosite assignment. Bioinformatics, 2018, 34, 2690-2692.	4.1	8
31	FVIIa-sTF and Thrombin Inhibitory Activities of Compounds Isolated from Microcystis aeruginosa K-139. Marine Drugs, 2017, 15, 275.	4.6	5
32	Optimization of TripleTOF spectral simulation and library searching for confident localization of phosphorylation sites. PLoS ONE, 2019, 14, e0225885.	2.5	5
33	Characterization of Nocardithiocin Derivatives Produced by Amino Acid Substitution of Precursor Peptide notG. International Journal of Peptide Research and Therapeutics, 2020, 26, 281-290.	1.9	5
34	Cyanobacterial Classification with the Toxicity Using MALDI Biotyper. Journal of the American Society for Mass Spectrometry, 2020, 31, 1572-1578.	2.8	5
35	Phosphopeptide enrichment with stable spatial coordination on a titanium dioxide coated glass slide. Rapid Communications in Mass Spectrometry, 2009, 23, 3661-3667.	1.5	4
36	Quantitative analysis of the erythrocyte membrane proteins in polycythemia vera patients treated with hydroxycarbamide. EuPA Open Proteomics, 2015, 7, 43-53.	2.5	3

#	Article	IF	Citations
37	Internal epithelia in <i>Drosophila</i> display rudimentary competence to form cytoplasmic networks of transgenic human vimentin. FASEB Journal, 2017, 31, 5332-5341.	0.5	2