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	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
2	Cyanobacterial Classification with the Toxicity Using MALDI Biotyper. Journal of the American Society for Mass Spectrometry, 2020, 31, 1572-1578.	2.8	5
3	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
4	Optimization of TripleTOF spectral simulation and library searching for confident localization of phosphorylation sites. PLoS ONE, 2019, 14, e0225885.	2.5	5
5	SimPhospho: a software tool enabling confident phosphosite assignment. Bioinformatics, 2018, 34, 2690-2692.	4.1	8
6	Internal epithelia in Drosophila display rudimentary competence to form cytoplasmic networks of transgenic human vimentin. FASEB Journal, 2017, 31, 5332-5341.	0.5	2
7	Application of MALDI Biotyper to cyanobacterial profiling. Rapid Communications in Mass Spectrometry, 2017, 31, 325-332.	1.5	10
8	FVIIa-sTF and Thrombin Inhibitory Activities of Compounds Isolated from Microcystis aeruginosa K-139. Marine Drugs, 2017, 15, 275.	4.6	5
9	Phosphorylation of Notch1 by Pim kinases promotes oncogenic signaling in breast and prostate cancer cells. Oncotarget, 2016, 7, 43220-43238.	1.8	49
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	Quantitative Site-Specific Phosphoproteomics of Trichoderma reesei Signaling Pathways upon Induction of Hydrolytic Enzyme Production. Journal of Proteome Research, 2016, 15, 457-467.	3.7	40
12	Label-free quantitative phosphoproteomics with novel pairwise abundance normalization reveals synergistic RAS and CIP2A signaling. Scientific Reports, 2015, 5, 13099.	3.3	49
13	Sphingolipids inhibit vimentin-dependent cell migration. Journal of Cell Science, 2015, 128, 2057-2069.	2.0	33
14	Quantitative analysis of the erythrocyte membrane proteins in polycythemia vera patients treated with hydroxycarbamide. EuPA Open Proteomics, 2015, 7, 43-53.	2.5	3
15	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
16	Vimentinâ€“ERK Signaling Uncouples Slug Gene Regulatory Function. Cancer Research, 2015, 75, 2349-2362.	0.9	112
17	Confident Site Localization Using a Simulated Phosphopeptide Spectral Library. Journal of Proteome Research, 2015, 14, 2348-2359.	3.7	26
18	A new vertebrate SUMO enzyme family reveals insights into SUMO-chain assembly. Nature Structural and Molecular Biology, 2015, 22, 959-967.	8.2	82

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19	Interphase phosphorylation of lamin A. Journal of Cell Science, 2014, 127, 2683-96.	2.0	134
20	PKCÎ¶ regulates Notch receptor routing and activity in a Notch signaling-dependent manner. Cell Research, 2014, 24, 433-450.	12.0	37
21	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
22	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
23	Protein Kinase CÎ¶ Regulates Cdk5/p25 Signaling during Myogenesis. Molecular Biology of the Cell, 2010, 21, 1423-1434.	2.1	17
24	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
25	Reference-facilitated Phosphoproteomics. Molecular and Cellular Proteomics, 2007, 6, 1380-1391.	3.8	72
26	Microbial degradation of cyanobacterial cyclic peptides. Water Research, 2007, 41, 1754-1762.	11.3	60
27	Phosphoprotein analysis for investigation of in vivo relationship between protein phosphatase inhibitory activities and acute hepatotoxicity of microcystinâ€LR. Environmental Toxicology, 2007, 22, 620-629.	4.0	15
28	Optimization of phosphopeptide elution conditions in immobilized Fe(III) affinity chromatography. Proteomics, 2007, 7, 174-176.	2.2	37
29	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
30	Structural Characterization of Microcystins by LC/MS/MS under Ion Trap Conditions. Journal of Antibiotics, 2006, 59, 710-719.	2.0	55
31	Bacterial Degradation of Microcystins and Nodularin. Chemical Research in Toxicology, 2005, 18, 591-598.	3.3	127
32	Proteomics approach on microcystin binding proteins in mouse liver for investigation of microcystin toxicity. Toxicon, 2004, 43, 651-659.	1.6	59
33	Isolation of Adda from microcystin-LR by microbial degradation. Toxicon, 2004, 44, 107-109.	1.6	131
34	Microcystin production during algal bloom occurrence in Laguna de Bay, the Philippines. Fisheries Science, 2003, 69, 110-116.	1.6	38
35	Investigation of the distribution and excretion of okadaic acid in mice using immunostaining method. Toxicon, 2002, 40, 159-165.	1.6	63
36	Comparison of protein phosphatase inhibitory activity and apparent toxicity of microcystins and related compounds. Toxicon, 2002, 40, 1017-1025.	1.6	135

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37	Simultaneous detection and determination of the absolute configuration of thiazole-containing amino acids in a peptide. Tetrahedron, 2002, 58, 6873-6879.	1.9	26