Hiroshi Yamaguchi

List of Publications by Year
in descending order

32	2,121	331670 21	414414 32
papers	citations	h-index	g-index

35	35	35	2945
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Laccase aggregates via poly-lysine-supported immobilization onto PEGA resin, with efficient activity and high operational stability and can be used to degrade endocrine-disrupting chemicals. Catalysis Science and Technology, 2021, 11, 934-942.	4.1	12
2	Techniques for Preparation of Cross-Linked Enzyme Aggregates and Their Applications in Bioconversions. Catalysts, 2018, 8, 174.	3.5	73
3	Application of enzyme-immobilization technique for microflow reactor. Journal of Flow Chemistry, 2016, 6, 13-17.	1.9	16
4	Microfluidic Approaches for Protein Crystal Structure Analysis. Analytical Sciences, 2016, 32, 3-9.	1.6	38
5	Microfluidic chips with multi-junctions: an advanced tool in recovering proteins from inclusion bodies. Bioengineered, 2015, 6, 1-4.	3.2	10
6	Refolding Techniques for Recovering Biologically Active Recombinant Proteins from Inclusion Bodies. Biomolecules, 2014, 4, 235-251.	4.0	201
7	Controlling Protein Crystal Nucleation by Dropletâ€Based Microfluidics. Chemistry - A European Journal, 2014, 20, 1049-1056.	3.3	28
8	Enzymeâ€immobilized reactors for rapid and efficient sample preparation in <scp>MS</scp>â€based proteomic studies. Proteomics, 2013, 13, 457-466.	2.2	44
9	Controlling one protein crystal growth by droplet-based microfluidic system. Journal of Biochemistry, 2013, 153, 339-346.	1.7	20
10	X-ray Diffraction of Protein Crystal Grown in a Nano-liter Scale Droplet in a Microchannel and Evaluation of Its Applicability. Analytical Sciences, 2012, 28, 65-68.	1.6	24
11	Three-dimensional Raman spectroscopic imaging of protein crystals deposited on a nanodroplet. Analyst, The, 2012, 137, 5730.	3.5	16
12	A method for generating single crystals that rely on internal fluid dynamics of microdroplets. Chemical Communications, 2012, 48, 5037.	4.1	21
13	Limited Proteolysis in Proteomics Using Protease-Immobilized Microreactors. Methods in Molecular Biology, 2012, 815, 187-198.	0.9	3
14	Poly-lysine supported cross-linked enzyme aggregates with efficient enzymatic activity and high operational stability. Catalysis Science and Technology, 2011, 1, 1256.	4.1	45
15	Analysis of Kinetic Behavior of Protein Crystallization in Nanodroplets. Chemistry Letters, 2011, 40, 825-827.	1.3	12
16	Enzyme-Immobilized Microfluidic Process Reactors. Molecules, 2011, 16, 6041-6059.	3.8	137
17	High-resolution X-ray analysis reveals binding of arginine to aromatic residues of lysozyme surface: implication of suppression of protein aggregation by arginine. Protein Engineering, Design and Selection, 2011, 24, 269-274.	2.1	75
18	Multidigestion in continuous flow tandem protease-immobilized microreactors for proteomic analysis. Analytical Biochemistry, 2010, 407, 12-18.	2.4	28

#	Article	IF	Citations
19	Proteolysis approach without chemical modification for a simple and rapid analysis of disulfide bonds using thermostable proteaseâ€immobilized microreactors. Proteomics, 2010, 10, 2942-2949.	2.2	8
20	Refolding of difficult-to-fold proteins by a gradual decrease of denaturant using microfluidic chips. Journal of Biochemistry, 2010, 147, 895-903.	1.7	19
21	T Cell Receptor-mediated Activation of p38Î± by Mono-phosphorylation of the Activation Loop Results in Altered Substrate Specificity. Journal of Biological Chemistry, 2009, 284, 15469-15474.	3.4	46
22	Rapid and efficient proteolysis for proteomic analysis by proteaseâ€immobilized microreactor. Electrophoresis, 2009, 30, 3257-3264.	2.4	37
23	Two Distinct Motifs within the p53 Transactivation Domain Bind to the Taz2 Domain of p300 and Are Differentially Affected by Phosphorylation. Biochemistry, 2009, 48, 1244-1255.	2.5	63
24	A Small Molecular Scaffold for Selective Inhibition of Wip1 Phosphatase. ChemMedChem, 2008, 3, 230-232.	3.2	15
25	Enzymatic Processing in Microfluidic Reactors. Biotechnology and Genetic Engineering Reviews, 2008, 25, 405-428.	6.2	54
26	The Wip1 Phosphatase PPM1D Dephosphorylates SQ/TQ Motifs in Checkpoint Substrates Phosphorylated by PI3K-like Kinases. Biochemistry, 2007, 46, 12594-12603.	2.5	60
27	Development of a Substrate-Based Cyclic Phosphopeptide Inhibitor of Protein Phosphatase 2CÎ´, Wip1â€. Biochemistry, 2006, 45, 13193-13202.	2.5	55
28	Regulation of ATM/p53-dependent suppression of myc-induced lymphomas by Wip1 phosphatase. Journal of Experimental Medicine, 2006, 203, 2793-2799.	8.5	121
29	Structure of the Tfb1/p53 Complex: Insights into the Interaction between the p62/Tfb1 Subunit of TFIIH and the Activation Domain of p53. Molecular Cell, 2006, 22, 731-740.	9.7	190
30	Wip1 Phosphatase Modulates ATM-Dependent Signaling Pathways. Molecular Cell, 2006, 23, 757-764.	9.7	323
31	Alternative p38 activation pathway mediated by T cell receptorâ€“proximal tyrosine kinases. Nature Immunology, 2005, 6, 390-395.	14.5	263
32	Substrate Specificity of the Human Protein Phosphatase 2CÎ´, Wip1. Biochemistry, 2005, 44, 5285-5294.	2.5	59