

Takayuki Miki

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

455
citations

1040056

9
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

496
citing authors

#	ARTICLE	IF	CITATIONS
1	Ligand-Directed Acyl Imidazole Chemistry for Labeling of Membrane-Bound Proteins on Live Cells. <i>Journal of the American Chemical Society</i> , 2012, 134, 3961-3964.	13.7	161
2	Fluorophore Labeling of Native FKBP12 by Ligand-Directed Tosyl Chemistry Allows Detection of Its Molecular Interactions in Vitro and in Living Cells. <i>Journal of the American Chemical Society</i> , 2013, 135, 6782-6785.	13.7	68
3	LDAI-Based Chemical Labeling of Intact Membrane Proteins and Its Pulse-Chase Analysis under Live Cell Conditions. <i>Chemistry and Biology</i> , 2014, 21, 1013-1022.	6.0	60
4	A conditional proteomics approach to identify proteins involved in zinc homeostasis. <i>Nature Methods</i> , 2016, 13, 931-937.	19.0	45
5	One-step construction of caged carbonic anhydrase I using a ligand-directed acyl imidazole-based protein labeling method. <i>Chemical Science</i> , 2013, 4, 2573.	7.4	37
6	Construction of a Stapled α -Helix Peptide Library Displayed on Phage for the Screening of Galectin-3-Binding Peptide Ligands. <i>ACS Omega</i> , 2020, 5, 5666-5674.	3.5	16
7	Graftable SCoMPIs enable the labeling and X-ray fluorescence imaging of proteins. <i>Chemical Science</i> , 2018, 9, 4483-4487.	7.4	15
8	Extended Affinity-guided DMAP Chemistry with a Finely Tuned Acyl Donor for Intracellular FKBP12 Labeling. <i>Chemistry Letters</i> , 2015, 44, 333-335.	1.3	12
9	Development of a Nitric Oxide-Responsive Labeling Reagent for Proteome Analysis of Live Cells. <i>ACS Chemical Biology</i> , 2019, 14, 397-404.	3.4	9
10	Intracellular artificial supramolecules based on de novo designed Y15 peptides. <i>Nature Communications</i> , 2021, 12, 3412.	12.8	9
11	hDM2 protein-binding peptides screened from stapled α -helical peptide phage display libraries with different types of staple linkers. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127605.	2.2	8
12	Effects of Hydrophobic Residues on the Intracellular Self-Assembly of De Novo Designed Peptide Tags and Their Orthogonality. <i>ACS Synthetic Biology</i> , 2022, 11, 2144-2153.	3.8	6
13	Selection of fluorescent biosensors against galectin-3 from an NBD-modified phage library displaying designed α -helical peptides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 37, 127835.	2.2	5
14	A guide-tag system controlling client enrichment into Y15 peptide-based granules for an in-cell protein recruitment assay. <i>Chemical Communications</i> , 2021, 57, 11338-11341.	4.1	4