

Takashi

List of Publications by Year in descending order

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11
papers

115
citations

1478505

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1281871

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#	ARTICLE	IF	CITATIONS
1	Directed Evolution of a Cyclized Peptoidâ€“Peptide Chimera against a Cell-Free Expressed Protein and Proteomic Profiling of the Interacting Proteins to Create a Proteinâ€“Protein Interaction Inhibitor. ACS Chemical Biology, 2016, 11, 1569-1577.	3.4	40
2	DIVERSE System: De Novo Creation of Peptide Tags for Non-enzymatic Covalent Labeling by InÂˆVivo Evolution for Protein Imaging Inside Living Cells. Chemistry and Biology, 2015, 22, 1671-1679.	6.0	18
3	InÂˆVivo selection generates RNA aptamer that antagonizes PCSK9â€“LDLR interaction and recovers cellular LDL uptake. Journal of Bioscience and Bioengineering, 2021, 131, 326-332.	2.2	10
4	InÂˆVivo display evolution of the PURE system-expressed TNFÎ±-binding unnatural cyclic peptide containing an N-methyl-d-amino acid. Biochemical and Biophysical Research Communications, 2021, 534, 519-525.	2.1	10
5	Directed evolution of dibenzocyclooctyne-reactive peptide tags for protein labeling. Biochemical and Biophysical Research Communications, 2021, 534, 27-33.	2.1	8
6	A human epidermal growth factor receptor 3/herregulin interaction inhibitor aptamer discovered using SELEX. Biochemical and Biophysical Research Communications, 2021, 553, 148-153.	2.1	8
7	<i>In vitro</i> selection of an RNA aptamer yields an interleukin-6/interleukin-6 receptor interaction inhibitor. Bioscience, Biotechnology and Biochemistry, 2021, 85, 1170-1174.	1.3	7
8	InÂˆVivo display evolution of IL-6R-binding unnatural peptides ribosomally initiated and cyclized with m-(chloromethyl)benzoic acid. Biochemical and Biophysical Research Communications, 2021, 535, 47-53.	2.1	6
9	<i>In vitro</i> display evolution of unnatural peptides spontaneously cyclized <i>via</i> intramolecular nucleophilic aromatic substitutions. Chemical Communications, 2022, 58, 5237-5240.	4.1	3
10	Artificial aptamer that inhibits interleukin-23/interleukin-23 receptor interaction discovered via SELEX. Biochemical and Biophysical Research Communications, 2022, 614, 17-21.	2.1	3
11	Discovery of IL-5-binding unnatural cyclic peptides from multiple libraries by directed evolution. Biochemical and Biophysical Research Communications, 2022, 610, 188-195.	2.1	2