

Takashi

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

115
citations

1478505
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1281871
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times ranked

93
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>In vitro</i> display evolution of unnatural peptides spontaneously cyclized via intramolecular nucleophilic aromatic substitutions. <i>Chemical Communications</i> , 2022, 58, 5237-5240.	4.1	3
2	Discovery of IL-5-binding unnatural cyclic peptides from multiple libraries by directed evolution. <i>Biochemical and Biophysical Research Communications</i> , 2022, 610, 188-195.	2.1	2
3	Artificial aptamer that inhibits interleukin-23/interleukin-23 receptor interaction discovered via SELEX. <i>Biochemical and Biophysical Research Communications</i> , 2022, 614, 17-21.	2.1	3
4	<i>In vitro</i> selection generates RNA aptamer that antagonizes PCSK9-LDLR interaction and recovers cellular LDL uptake. <i>Journal of Bioscience and Bioengineering</i> , 2021, 131, 326-332.	2.2	10
5	<i>In vitro</i> display evolution of the PURE system-expressed TNF-binding unnatural cyclic peptide containing an N-methyl-d-amino acid. <i>Biochemical and Biophysical Research Communications</i> , 2021, 534, 519-525.	2.1	10
6	Directed evolution of dibenzocyclooctyne-reactive peptide tags for protein labeling. <i>Biochemical and Biophysical Research Communications</i> , 2021, 534, 27-33.	2.1	8
7	<i>In vitro</i> display evolution of IL-6R-binding unnatural peptides ribosomally initiated and cyclized with m-(chloromethyl)benzoic acid. <i>Biochemical and Biophysical Research Communications</i> , 2021, 535, 47-53.	2.1	6
8	<i>In vitro</i> selection of an RNA aptamer yields an interleukin-6/interleukin-6 receptor interaction inhibitor. <i>Bioscience, Biotechnology and Biochemistry</i> , 2021, 85, 1170-1174.	1.3	7
9	A human epidermal growth factor receptor 3/hergulin interaction inhibitor aptamer discovered using SELEX. <i>Biochemical and Biophysical Research Communications</i> , 2021, 553, 148-153.	2.1	8
10	Directed Evolution of a Cyclized Peptoid-Peptide Chimera against a Cell-Free Expressed Protein and Proteomic Profiling of the Interacting Proteins to Create a Protein-Protein Interaction Inhibitor. <i>ACS Chemical Biology</i> , 2016, 11, 1569-1577.	3.4	40
11	DIVERSE System: De Novo Creation of Peptide Tags for Non-enzymatic Covalent Labeling by <i>In vitro</i> Evolution for Protein Imaging Inside Living Cells. <i>Chemistry and Biology</i> , 2015, 22, 1671-1679.	6.0	18