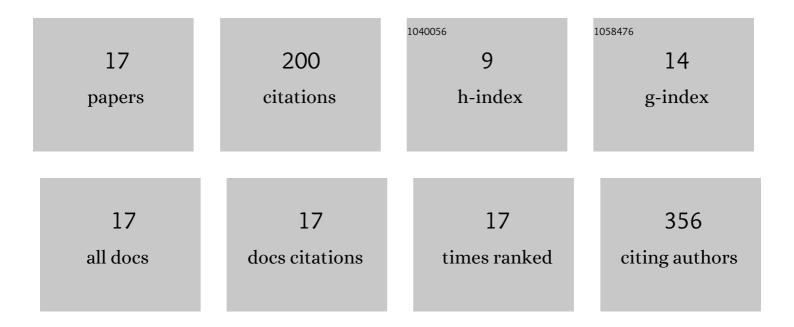
Takamitsu Miyafusa

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Local disorder of the C-terminal segment of the heavy chain as a common sign of stressed antibodies evidenced with a peptide affinity probe specific to non-native IgG. International Journal of Biological Macromolecules, 2021, 182, 1697-1703.	7.5	4
2	Effect of backbone circularization on colloidal stability: Compaction of unfolded structures improves aggregation resistance of granulocyte colony-stimulating factor. International Journal of Pharmaceutics, 2021, 605, 120774.	5.2	3
3	Stabilization of backboneâ€circularized protein is attained by synergistic gains in enthalpy of folded structure and entropy of unfolded structure. FEBS Journal, 2020, 287, 1554-1575.	4.7	5
4	Generation of ubiquitin-based binder with an inserted active peptide. Biochemical and Biophysical Research Communications, 2018, 503, 3162-3166.	2.1	1
5	Structural insights into the backbone-circularized granulocyte colony-stimulating factor containing a short connector. Biochemical and Biophysical Research Communications, 2018, 500, 224-228.	2.1	4
6	Disruption of cell adhesion by an antibody targeting the cell-adhesive intermediate (X-dimer) of human P-cadherin. Scientific Reports, 2017, 7, 39518.	3.3	18
7	AlphaScreen-based homogeneous assay using a pair of 25-residue artificial proteins for high-throughput analysis of non-native IgG. Scientific Reports, 2017, 7, 12466.	3.3	8
8	Backbone Circularization Coupled with Optimization of Connecting Segment in Effectively Improving the Stability of Granulocyte-Colony Stimulating Factor. ACS Chemical Biology, 2017, 12, 2690-2696.	3.4	17
9	Epiregulin Recognition Mechanisms by Anti-epiregulin Antibody 9E5. Journal of Biological Chemistry, 2016, 291, 2319-2330.	3.4	11
10	Discovery and characterization of natural tropolones as inhibitors of the antibacterial target CapF from Staphylococcus aureus. Scientific Reports, 2015, 5, 15337.	3.3	22
11	Identification of small-molecule inhibitors of the human S100B–p53 interaction and evaluation of the interaction and evaluation of their activity in human melanoma cells. Bioorganic and Medicinal Chemistry, 2013, 21, 1109-1115.	3.0	21
12	Dynamic elements govern the catalytic activity of CapE, a capsular polysaccharideâ€synthesizing enzyme from <i>Staphylococcus aureus</i> . FEBS Letters, 2013, 587, 3824-3830.	2.8	24
13	Crystal structure of the C-terminal domain of Mu phage central spike and functions of bound calcium ion. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2013, 1834, 284-291.	2.3	21
14	Crystal structure of the capsular polysaccharide synthesizing protein CapE of Staphylococcus aureus. Bioscience Reports, 2013, 33, .	2.4	16
15	Crystal structure of the enzyme CapF of Staphylococcus aureus reveals a unique architecture composed of two functional domains. Biochemical Journal, 2012, 443, 671-680.	3.7	12
16	Structural and thermodynamic characterization of the self-adhesive properties of human P-cadherin. Molecular BioSystems, 2012, 8, 2050.	2.9	9
17	Expression, purification, crystallization and preliminary diffraction analysis of CapF, a capsular polysaccharide-synthesis enzyme fromStaphylococcus aureus. Acta Crystallographica Section F: Structural Biology Communications, 2008, 64, 512-515.	0.7	4