

Shigeru Shimamoto

List of Publications by Year in descending order

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13
papers

166
citations

1684188

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15
times ranked

264
citing authors

#	ARTICLE	IF	CITATIONS
1	NMR Solution Structure of Lipocalin-type Prostaglandin D Synthase. <i>Journal of Biological Chemistry</i> , 2007, 282, 31373-31379.	3.4	54
2	A chemical method for investigating disulfide-coupled peptide and protein folding. <i>FEBS Journal</i> , 2012, 279, 2283-2295.	4.7	34
3	Structural analysis of lipocalin-type prostaglandin D synthase complexed with biliverdin by small-angle X-ray scattering and multi-dimensional NMR. <i>Journal of Structural Biology</i> , 2010, 169, 209-218.	2.8	31
4	Crystal structure of the dog allergen Can f 6 and structure-based implications of its cross-reactivity with the cat allergen Fel d 4. <i>Scientific Reports</i> , 2019, 9, 1503.	3.3	15
5	Chemical Methods for Producing Disulfide Bonds in Peptides and Proteins to Study Folding Regulation. <i>Current Protocols in Protein Science</i> , 2014, 76, 28.7.1-28.7.13.	2.8	9
6	Thermodynamic and NMR analyses of NADPH binding to lipocalin-type prostaglandin D synthase. <i>Biochemical and Biophysical Research Communications</i> , 2015, 468, 234-239.	2.1	5
7	Topological Regulation of the Bioactive Conformation of a Disulfide-Rich Peptide, Heat-Stable Enterotoxin. <i>Molecules</i> , 2020, 25, 4798.	3.8	5
8	Chemical Methods and Approaches to the Regioselective Formation of Multiple Disulfide Bonds. <i>Current Protocols in Protein Science</i> , 2014, 76, 28.8.1-28.8.28.	2.8	3
9	Substrate-induced product-release mechanism of lipocalin-type prostaglandin D synthase. <i>Biochemical and Biophysical Research Communications</i> , 2021, 569, 66-71.	2.1	3
10	N-terminal HCV core protein fragment decreases 20S proteasome activity in the presence of PA28 ^β . <i>Biochemical and Biophysical Research Communications</i> , 2019, 509, 590-595.	2.1	2
11	¹ H, ¹³ C, and ¹⁵ N resonance assignments of mouse lipocalin-type prostaglandin D synthase/substrate analog complex. <i>Biomolecular NMR Assignments</i> , 2014, 8, 129-132.	0.8	1
12	Chemical Digestion of the -Asp-Cys- Sequence for Preparation of Post-translationally Modified Proteins. <i>Protein Journal</i> , 2020, 39, 711-716.	1.6	1
13	NMR resonance assignments of mouse lipocalin-type prostaglandin D synthase/prostaglandin J2 complex. <i>Biomolecular NMR Assignments</i> , 2022, , .	0.8	0