

Jonggul Kim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4609703/publications.pdf>

Version: 2024-02-01

11
papers

384
citations

1039880

9
h-index

1281743

11
g-index

12
all docs

12
docs citations

12
times ranked

567
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-state recognition pathway of the intrinsically disordered protein kinase inhibitor by protein kinase A. <i>ELife</i> , 2020, 9, .	2.8	16
2	Globally correlated conformational entropy underlies positive and negative cooperativity in a kinase's enzymatic cycle. <i>Nature Communications</i> , 2019, 10, 799.	5.8	40
3	Simultaneous detection of intra- and inter-molecular paramagnetic relaxation enhancements in protein complexes. <i>Journal of Biomolecular NMR</i> , 2018, 70, 133-140.	1.6	9
4	A dynamic hydrophobic core orchestrates allostery in protein kinases. <i>Science Advances</i> , 2017, 3, e1600663.	4.7	89
5	A Semiautomated Assignment Protocol for Methyl Group Side Chains in Large Proteins. <i>Methods in Enzymology</i> , 2016, 566, 35-57.	0.4	2
6	Uncoupling Catalytic and Binding Functions in the Cyclic AMP-Dependent Protein Kinase A. <i>Structure</i> , 2016, 24, 353-363.	1.6	19
7	Mapping the Hydrogen Bond Networks in the Catalytic Subunit of Protein Kinase A Using H/D Fractionation Factors. <i>Biochemistry</i> , 2015, 54, 4042-4049.	1.2	16
8	Dysfunctional conformational dynamics of protein kinase A induced by a lethal mutant of phospholamban hinder phosphorylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3716-3721.	3.3	43
9	Synchronous Opening and Closing Motions Are Essential for cAMP-Dependent Protein Kinase A Signaling. <i>Structure</i> , 2014, 22, 1735-1743.	1.6	55
10	NMR mapping of protein conformational landscapes using coordinated behavior of chemical shifts upon ligand binding. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 6508-6518.	1.3	54
11	FLAMEnGO 2.0: An enhanced fuzzy logic algorithm for structure-based assignment of methyl group resonances. <i>Journal of Magnetic Resonance</i> , 2014, 245, 17-23.	1.2	41