

Phillip Aoto

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/726318/publications.pdf>

Version: 2024-02-01

19
papers

370
citations

758635

12
h-index

1125271

13
g-index

22
all docs

22
docs citations

22
times ranked

645
citing authors

#	ARTICLE	IF	CITATIONS
1	Accurate scoring of non-uniform sampling schemes for quantitative NMR. <i>Journal of Magnetic Resonance</i> , 2014, 246, 31-35.	1.2	57
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	Conformation and dynamics of the kinase domain drive subcellular location and activation of LRRK2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	35
4	Dynamic allostery-based molecular workings of kinase:peptide complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 15052-15061.	3.3	33
5	Germline and Mosaic Variants in PRKACA and PRKACB Cause a Multiple Congenital Malformation Syndrome. <i>American Journal of Human Genetics</i> , 2020, 107, 977-988.	2.6	33
6	Structure and mechanism of monoclonal antibody binding to the junctional epitope of Plasmodium falciparum circumsporozoite protein. <i>PLoS Pathogens</i> , 2020, 16, e1008373.	2.1	30
7	Two PKA R116 holoenzyme states define ATP as an isoform-specific orthosteric inhibitor that competes with the allosteric activator, cAMP. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16347-16356.	3.3	28
8	Defining the Structural Basis for Allosteric Product Release from <i>E. coli</i> Dihydrofolate Reductase Using NMR Relaxation Dispersion. <i>Journal of the American Chemical Society</i> , 2017, 139, 11233-11240.	6.6	27
9	Structural analyses of the PKA R116 holoenzyme containing the oncogenic DnajB1-PKAc fusion protein reveal protomer asymmetry and fusion-induced allosteric perturbations in fibrolamellar hepatocellular carcinoma. <i>PLoS Biology</i> , 2020, 18, e3001018.	2.6	22
10	NMR Characterization of Information Flow and Allosteric Communities in the MAP Kinase p38 ^β . <i>Scientific Reports</i> , 2016, 6, 28655.	1.6	19
11	Kinase Domain Is a Dynamic Hub for Driving LRRK2 Allostery. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 538219.	1.4	18
12	LRRK2 dynamics analysis identifies allosteric control of the crosstalk between its catalytic domains. <i>PLoS Biology</i> , 2022, 20, e3001427.	2.6	18
13	A Dynamic Switch in Inactive p38 ^β Leads to an Excited State on the Pathway to an Active Kinase. <i>Biochemistry</i> , 2019, 58, 5160-5172.	1.2	7
14	Title is missing!. , 2020, 18, e3001018.		0
15	Title is missing!. , 2020, 18, e3001018.		0
16	Title is missing!. , 2020, 18, e3001018.		0
17	Title is missing!. , 2020, 18, e3001018.		0
18	Title is missing!. , 2020, 18, e3001018.		0

#	ARTICLE	IF	CITATIONS
19	Title is missing!. , 2020, 18, e3001018.		0