Phillip Aoto

List of Publications by Year
in descending order

19	370	758635 12	1125271 13
papers	citations	h-index	g-index

22	22	22	645
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	LRRK2 dynamics analysis identifies allosteric control of the crosstalk between its catalytic domains. PLoS Biology, 2022, 20, e3001427.	2.6	18
2	Conformation and dynamics of the kinase domain drive subcellular location and activation of LRRK2. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	35
3	Germline and Mosaic Variants in PRKACA and PRKACB Cause a Multiple Congenital Malformation Syndrome. American Journal of Human Genetics, 2020, 107, 977-988.	2.6	33
4	Kinase Domain Is a Dynamic Hub for Driving LRRK2 Allostery. Frontiers in Molecular Neuroscience, 2020, 13, 538219.	1.4	18
5	Structure and mechanism of monoclonal antibody binding to theÂjunctional epitope of Plasmodium falciparumÂcircumsporozoite protein. PLoS Pathogens, 2020, 16, e1008373.	2.1	30
6	Structural analyses of the PKA RIIÎ² holoenzyme containing the oncogenic DnaJB1-PKAc fusion protein reveal protomer asymmetry and fusion-induced allosteric perturbations in fibrolamellar hepatocellular carcinoma. PLoS Biology, 2020, 18, e3001018.	2.6	22
7	Title is missing!. , 2020, 18, e3001018.		0
8	Title is missing!. , 2020, 18, e3001018.		0
9	Title is missing!. , 2020, 18, e3001018.		0
10	Title is missing!. , 2020, 18, e3001018.		0
11	Title is missing!. , 2020, 18, e3001018.		0
12	Title is missing!. , 2020, 18, e3001018.		0
13	Two PKA RIÎ± holoenzyme states define ATP as an isoform-specific orthosteric inhibitor that competes with the allosteric activator, cAMP. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 16347-16356.	3.3	28
14	Dynamic allostery-based molecular workings of kinase:peptide complexes. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15052-15061.	3.3	33
15	Globally correlated conformational entropy underlies positive and negative cooperativity in a kinaseâ€™s enzymatic cycle. Nature Communications, 2019, 10, 799.	5.8	40
16	A Dynamic Switch in Inactive p38Î³ Leads to an Excited State on the Pathway to an Active Kinase. Biochemistry, 2019, 58, 5160-5172.	1.2	7
17	Defining the Structural Basis for Allosteric Product Release from E. coli Dihydrofolate Reductase Using NMR Relaxation Dispersion. Journal of the American Chemical Society, 2017, 139, 11233-11240.	6.6	27
18	NMR Characterization of Information Flow and Allosteric Communities in the MAP Kinase p38Î³. Scientific Reports, 2016, 6, 28655.	1.6	19

#	Article	IF	Citations
19	Accurate scoring of non-uniform sampling schemes for quantitative NMR. Journal of Magnetic Resonance, 2014, 246, 31-35.	1.2	57