

Andrea Piserchio

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Structural basis for the recognition of the bacterial tyrosine kinase Wzc by its cognate tyrosine phosphatase Wzb. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	4
2	Structural dynamics of the complex of calmodulin with a minimal functional construct of eukaryotic elongation factor 2 kinase and the role of Thr348 autophosphorylation. Protein Science, 2021, 30, 1221-1234.	7.6	8
3	The Cold-Unfolded State Is Expanded but Contains Long- and Medium-Range Contacts and Is Poorly Described by Homopolymer Models. Biochemistry, 2020, 59, 3290-3299.	2.5	8
4	Long-range dynamic correlations regulate the catalytic activity of the bacterial tyrosine kinase Wzc. Science Advances, 2020, 6, .	10.3	10
5	Solution Structure of the Carboxy-Terminal Tandem Repeat Domain of Eukaryotic Elongation Factor 2 Kinase and Its Role in Substrate Recognition. Journal of Molecular Biology, 2019, 431, 2700-2717.	4.2	8
6	A Novel Class of Common Docking Domain Inhibitors That Prevent ERK2 Activation and Substrate Phosphorylation. ACS Chemical Biology, 2019, 14, 1183-1194.	3.4	25
7	Modulating multi-functional ERK complexes by covalent targeting of a recruitment site in vivo. Nature Communications, 2019, 10, 5232.	12.8	17
8	Local destabilization, rigid body, and fuzzy docking facilitate the phosphorylation of the transcription factor Ets-1 by the mitogen-activated protein kinase ERK2. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E6287-E6296.	7.1	22
9	Structure of the C-Terminal Helical Repeat Domain of Eukaryotic Elongation Factor 2 Kinase. Biochemistry, 2016, 55, 5377-5386.	2.5	4
10	Structural Basis for the Recognition of Eukaryotic Elongation Factor 2 Kinase by Calmodulin. Structure, 2016, 24, 1441-1451.	3.3	19
11	Structural and Dynamic Features of F-recruitment Site Driven Substrate Phosphorylation by ERK2. Scientific Reports, 2015, 5, 11127.	3.3	19
12	Docking Interactions of Hematopoietic Tyrosine Phosphatase with MAP Kinases ERK2 and p38 β . Biochemistry, 2012, 51, 8047-8049.	2.5	20
13	Assignment of Backbone Resonances in a Eukaryotic Protein Kinase â€” ERK2 as a Representative Example. Methods in Molecular Biology, 2012, 831, 359-368.	0.9	10
14	Expression and Purification of Src-family Kinases for Solution NMR Studies. Methods in Molecular Biology, 2012, 831, 111-131.	0.9	8
15	Solution NMR Insights into Docking Interactions Involving Inactive ERK2. Biochemistry, 2011, 50, 3660-3672.	2.5	39
16	Solution NMR Studies of Chlorella Virus DNA Ligase-adenylate. Journal of Molecular Biology, 2010, 395, 291-308.	4.2	11
17	Sequence-specific ^1H , ^{13}C , and ^{15}N backbone resonance assignments of the 34 kDa Paramecium bursaria Chlorella virus 1 (PBCV1) DNA ligase. Biomolecular NMR Assignments, 2009, 3, 77-80.	0.8	2