

# Andrea Piserchio

## List of Publications by Year in descending order

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17  
papers

234  
citations

1163117

8  
h-index

996975

15  
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17  
all docs

17  
docs citations

17  
times ranked

271  
citing authors

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