

# Chad M Petit

## List of Publications by Year in descending order

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docs citations

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times ranked

1112  
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| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Hidden dynamic allostery in a PDZ domain. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 18249-18254.  | 7.1  | 296       |
| 2  | Structure of Nonstructural Protein 1 from SARS-CoV-2. Journal of Virology, 2021, 95, .  | 3.4  | 67        |
| 3  | Phosphorylation of a PDZ Domain Extension Modulates Binding Affinity and Interdomain Interactions in Postsynaptic Density-95 (PSD-95) Protein, a Membrane-associated Guanylate Kinase (MAGUK). Journal of Biological Chemistry, 2011, 286, 41776-41785. | 3.4  | 61        |
| 4  | Structural Basis for a Novel Interaction between the NS1 Protein Derived from the 1918 Influenza Virus and RIG-I. Structure, 2015, 23, 2001-2010.   | 3.3  | 47        |
| 5  | The AUDANA algorithm for automated protein 3D structure determination from NMR NOE data. Journal of Biomolecular NMR, 2016, 65, 51-57.  | 2.8  | 36        |
| 6  | Native State Volume Fluctuations in Proteins as a Mechanism for Dynamic Allostery. Journal of the American Chemical Society, 2017, 139, 3599-3602.  | 13.7 | 33        |
| 7  | The influenza NS1 protein modulates RIG-I activation via a strain-specific direct interaction with the second CARD of RIG-I. Journal of Biological Chemistry, 2020, 295, 1153-1164.   | 3.4  | 27        |
| 8  | Structure and Dynamics of the G121V Dihydrofolate Reductase Mutant: Lessons from a Transition-State Inhibitor Complex. PLoS ONE, 2012, 7, e33252.   | 2.5  | 24        |
| 9  | NETSeq reveals heterogeneous nucleotide incorporation by RNA polymerase I. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11633-E11641.   | 7.1  | 22        |
| 10 | The influenza NS1 protein modulates RIG-I activation via a strain-specific direct interaction with the second CARD of RIG-I. Journal of Biological Chemistry, 2020, 295, 1153-1164.   | 3.4  | 21        |
| 11 | Structural analyses reveal the mechanism of inhibition of influenza virus NS1 by two antiviral compounds. Journal of Biological Chemistry, 2018, 293, 14659-14668.  | 3.4  | 20        |
| 12 | The Connector Domain of Vesicular Stomatitis Virus Large Protein Interacts with the Viral Phosphoprotein. Journal of Virology, 2020, 94, .  | 3.4  | 9         |
| 13 | Defining the Influence of the A12.2 Subunit on Transcription Elongation and Termination by RNA Polymerase I In Vivo. Genes, 2021, 12, 1939.   | 2.4  | 5         |
| 14 | Consequences of Phosphorylation in a <i>Mononegavirales</i> Polymerase-Cofactor System. Journal of Virology, 2021, 95, .  | 3.4  | 3         |