

Kuen-Phon Wu

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,735
citations

430874

18
h-index

454955

30
g-index

33
all docs

33
docs citations

33
times ranked

2847
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Structural basis for the helical filament formation of <i>Escherichia coli</i> glutamine synthetase. <i>Protein Science</i> , 2022, 31, e4304. | 7.6 | 5 |
| 2 | Tumor suppressor BAP1 nuclear import is governed by transportin-1. <i>Journal of Cell Biology</i> , 2022, 221, . | 5.2 | 5 |
| 3 | VPS34 K29/K48 branched ubiquitination governed by UBE3C and TRABID regulates autophagy, proteostasis and liver metabolism. <i>Nature Communications</i> , 2021, 12, 1322. | 12.8 | 43 |
| 4 | Direct Visualization of a 26 kDa Protein by Cryo-Electron Microscopy Aided by a Small Scaffold Protein. <i>Biochemistry</i> , 2021, 60, 1075-1079. | 2.5 | 8 |
| 5 | Simeprevir Potently Suppresses SARS-CoV-2 Replication and Synergizes with Remdesivir. <i>ACS Central Science</i> , 2021, 7, 792-802. | 11.3 | 59 |
| 6 | Identification of disease-linked hyperactivating mutations in UBE3A through large-scale functional variant analysis. <i>Nature Communications</i> , 2021, 12, 6809. | 12.8 | 10 |
| 7 | Cryo-EM analysis of a feline coronavirus spike protein reveals a unique structure and camouflaging glycans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1438-1446. | 7.1 | 94 |
| 8 | Branched Ubiquitination: Detection Methods, Biological Functions and Chemical Synthesis. <i>Molecules</i> , 2020, 25, 5200. | 3.8 | 18 |
| 9 | Insights Into Dynamics of Inhibitor and Ubiquitin-Like Protein Binding in SARS-CoV-2 Papain-Like Protease. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 174. | 3.5 | 51 |
| 10 | Insights into links between autophagy and the ubiquitin system from the structure of LC3B bound to the LIR motif from the E3 ligase NEDD4. <i>Protein Science</i> , 2017, 26, 1674-1680. | 7.6 | 18 |
| 11 | Deubiquitinase activity is required for the proteasomal degradation of misfolded cytosolic proteins upon heat-stress. <i>Nature Communications</i> , 2016, 7, 12907. | 12.8 | 45 |
| 12 | A cascading activity-based probe sequentially targets E1-E2-E3 ubiquitin enzymes. <i>Nature Chemical Biology</i> , 2016, 12, 523-530. | 8.0 | 122 |
| 13 | Dual RING E3 Architectures Regulate Multiubiquitination and Ubiquitin Chain Elongation by APC/C. <i>Cell</i> , 2016, 165, 1440-1453. | 28.9 | 126 |
| 14 | System-Wide Modulation of HECT E3 Ligases with Selective Ubiquitin Variant Probes. <i>Molecular Cell</i> , 2016, 62, 121-136. | 9.7 | 142 |
| 15 | Unveiling transient protein-protein interactions that modulate inhibition of alpha-synuclein aggregation by beta-synuclein, a pre-synaptic protein that co-localizes with alpha-synuclein. <i>Scientific Reports</i> , 2015, 5, 15164. | 3.3 | 53 |
| 16 | Itch WW Domains Inhibit Its E3 Ubiquitin Ligase Activity by Blocking E2-E3 Ligase Trans-thiolation. <i>Journal of Biological Chemistry</i> , 2015, 290, 23875-23887. | 3.4 | 56 |
| 17 | Fast hydrogen exchange affects 15N relaxation measurements in intrinsically disordered proteins. <i>Journal of Biomolecular NMR</i> , 2013, 55, 249-256. | 2.8 | 18 |
| 18 | ACA-specific RNA sequence recognition is acquired via the loop 2 region of MazF mRNA interferase. <i>Proteins: Structure, Function and Bioinformatics</i> , 2013, 81, 874-883. | 2.6 | 8 |

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|----|---|------|-----------|
| 19 | Investigation of the Polymeric Properties of $\hat{\pm}$ -Synuclein and Comparison with NMR Experiments: A Replica Exchange Molecular Dynamics Study. <i>Journal of Chemical Theory and Computation</i> , 2012, 8, 3929-3942. | 5.3 | 31 |
| 20 | Segmental isotope labeling of proteins for NMR structural study using a protein S tag for higher expression and solubility. <i>Journal of Biomolecular NMR</i> , 2012, 52, 303-313. | 2.8 | 16 |
| 21 | YeeU enhances the bundling of cytoskeletal polymers of MreB and FtsZ, antagonizing the CbtA (YeeV) toxicity in <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 2012, 84, 979-989. | 2.5 | 204 |
| 22 | The A53T Mutation is Key in Defining the Differences in the Aggregation Kinetics of Human and Mouse $\hat{\pm}$ -Synuclein. <i>Journal of the American Chemical Society</i> , 2011, 133, 13465-13470. | 13.7 | 45 |
| 23 | Transient Protein-Protein Interactions in the IDP Alpha-Synuclein Detected by NMR: Implications for Protein Aggregation. <i>Biophysical Journal</i> , 2011, 100, 519a. | 0.5 | 0 |
| 24 | Backbone assignment and dynamics of human $\hat{\pm}$ -synuclein in viscous 2M glucose solution. <i>Biomolecular NMR Assignments</i> , 2011, 5, 43-46. | 0.8 | 13 |
| 25 | Detection of Transient Interchain Interactions in the Intrinsically Disordered Protein $\hat{\pm}$ -Synuclein by NMR Paramagnetic Relaxation Enhancement. <i>Journal of the American Chemical Society</i> , 2010, 132, 5546-5547. | 13.7 | 93 |
| 26 | Structural Reorganization of $\hat{\pm}$ -Synuclein at Low pH Observed by NMR and REMD Simulations. <i>Journal of Molecular Biology</i> , 2009, 391, 784-796. | 4.2 | 170 |
| 27 | Backbone NMR assignments of DFP-inhibited mature subtilisin E. <i>Biomolecular NMR Assignments</i> , 2008, 2, 131-133. | 0.8 | 5 |
| 28 | Characterization of Conformational and Dynamic Properties of Natively Unfolded Human and Mouse $\hat{\pm}$ -Synuclein Ensembles by NMR: Implication for Aggregation. <i>Journal of Molecular Biology</i> , 2008, 378, 1104-1115. | 4.2 | 112 |
| 29 | Distinguishing among Structural Ensembles of the GB1 Peptide: REMD Simulations and NMR Experiments. <i>Journal of the American Chemical Society</i> , 2007, 129, 4858-4859. | 13.7 | 24 |
| 30 | Letter to the Editor: ^1H , ^{13}C and ^{15}N resonance assignments and secondary structure of murine angiogenin 4. <i>Journal of Biomolecular NMR</i> , 2005, 31, 175-176. | 2.8 | 3 |
| 31 | Novel Solution Structure of Porcine $\hat{2}$ -Microseminoprotein. <i>Journal of Molecular Biology</i> , 2005, 346, 1071-1082. | 4.2 | 11 |
| 32 | Structural Basis of a Flavivirus Recognized by Its Neutralizing Antibody. <i>Journal of Biological Chemistry</i> , 2003, 278, 46007-46013. | 3.4 | 108 |