

# Caroline Haupt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4668964/publications.pdf>

Version: 2024-02-01

17  
papers

772  
citations

759233

12  
h-index

940533

16  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1129  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Tryptophan 7-Halogenase (PrnA) Structure Suggests a Mechanism for Regioselective Chlorination. <i>Science</i> , 2005, 309, 2216-2219.   | 12.6 | 338       |
| 2  | First Community-Wide, Comparative Cross-Linking Mass Spectrometry Study. <i>Analytical Chemistry</i> , 2019, 91, 6953-6961.   | 6.5  | 100       |
| 3  | NMR Solution Structure of SlyD from <i>Escherichia coli</i> : Spatial Separation of Prolyl Isomerase and Chaperone Function. <i>Journal of Molecular Biology</i> , 2009, 387, 295-305.                        | 4.2  | 70        |
| 4  | Crystal Structure Determination and Functional Characterization of the Metallochaperone SlyD from <i>Thermus thermophilus</i> . <i>Journal of Molecular Biology</i> , 2010, 398, 375-390.                     | 4.2  | 60        |
| 5  | Phosphate and HEPES buffers potently affect the fibrillation and oligomerization mechanism of Alzheimer's A $\beta$ peptide. <i>Biochemical and Biophysical Research Communications</i> , 2011, 409, 385-388. | 2.1  | 30        |
| 6  | Nickel Binding and [NiFe]-Hydrogenase Maturation by the Metallochaperone SlyD with a Single Metal-Binding Site in <i>Escherichia coli</i> . <i>Journal of Molecular Biology</i> , 2012, 417, 28-35.           | 4.2  | 27        |
| 7  | Conformational Plasticity and Dynamics in the Generic Protein Folding Catalyst SlyD Unraveled by Single-Molecule FRET. <i>Journal of Molecular Biology</i> , 2011, 411, 781-790.                              | 4.2  | 22        |
| 8  | Transient Enzyme-Substrate Recognition Monitored by Real-Time NMR. <i>Journal of the American Chemical Society</i> , 2011, 133, 11154-11162.  | 13.7 | 21        |
| 9  | Membrane protein reconstitution into liposomes guided by dual-color fluorescence cross-correlation spectroscopy. <i>Biophysical Chemistry</i> , 2013, 184, 37-43.   | 2.8  | 21        |
| 10 | NMR relaxation unravels interdomain crosstalk of the two domain prolyl isomerase and chaperone SlyD. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2011, 1814, 873-881.                    | 2.3  | 20        |
| 11 | Local and Coupled Thermodynamic Stability of the Two-Domain and Bifunctional Enzyme SlyD from <i>Escherichia coli</i> . <i>Biochemistry</i> , 2011, 50, 7321-7329.  | 2.5  | 17        |
| 12 | Oligomerisation of Synaptobrevin-2 Studied by Native Mass Spectrometry and Chemical Cross-Linking. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 149-160.                          | 2.8  | 14        |
| 13 | Combining Chemical Cross-linking and Mass Spectrometry of Intact Protein Complexes to Study the Architecture of Multi-subunit Protein Assemblies. <i>Journal of Visualized Experiments</i> , 2017, , .        | 0.3  | 9         |
| 14 | A novel sample preparation strategy for shotgun lipidomics of phospholipids employing multilamellar vesicles. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 4253-4258.                           | 3.7  | 8         |
| 15 | Influence of surfactants and organic polymers on monolithic shape-stabilized phase change materials synthesized via sol-gel route. <i>Journal of Energy Storage</i> , 2022, 49, 104127.                       | 8.1  | 8         |
| 16 | A Quantitative and Reliable Calibration Standard for Dual-Color Fluorescence Cross-Correlation Spectroscopy. <i>ChemPhysChem</i> , 2018, 19, 3436-3444.   | 2.1  | 5         |
| 17 | Dual-Color Fluorescence Cross-Correlation Spectroscopy of Reconstituted Protein-Membrane Systems. <i>Biophysical Journal</i> , 2014, 106, 712a.   | 0.5  | 0         |