

# Waldemar Hoffmann

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

751  
citations

777949

13  
h-index

889612

19  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1290  
citing authors

#	ARTICLE	IF	CITATIONS
1	Emergence of low-symmetry foldamers from single monomers. <i>Nature Chemistry</i> , 2020, 12, 1180-1186.	6.6	47
2	A new azobenzene-based design strategy for detergents in membrane protein research. <i>Chemical Science</i> , 2020, 11, 3538-3546.	3.7	21
3	Sclerotiorin Stabilizes the Assembly of Nonfibrillar Abeta42 Oligomers with Low Toxicity, Seeding Activity, and Beta-sheet Content. <i>Journal of Molecular Biology</i> , 2020, 432, 2080-2098.	2.0	12
4	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.	1.2	14
5	An Intrinsic Hydrophobicity Scale for Amino Acids and Its Application to Fluorinated Compounds. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8216-8220.	7.2	30
6	Eine intrinsische Hydrophobieskala für Aminosäuren und ihre Anwendung auf fluorierte Verbindungen. <i>Angewandte Chemie</i> , 2019, 131, 8300-8304.	1.6	2
7	Trendbericht: Analytische Chemie 2016/2017. <i>Nachrichten Aus Der Chemie</i> , 2018, 66, 389-399.	0.0	0
8	Side-chain effects on the structures of protonated amino acid dimers: A gas-phase infrared spectroscopy study. <i>International Journal of Mass Spectrometry</i> , 2018, 429, 115-120.	0.7	18
9	NFGAIL Amyloid Oligomers: The Onset of Beta-Sheet Formation and the Mechanism for Fibril Formation. <i>Journal of the American Chemical Society</i> , 2018, 140, 244-249.	6.6	47
10	Surprising solvent-induced structural rearrangements in large [N <sup>+</sup> ⋯I <sup>-</sup> ⋯N] halogen-bonded supramolecular capsules: an ion mobility-mass spectrometry study. <i>Chemical Science</i> , 2018, 9, 8343-8351.	3.7	47
11	To Anion-Binding or not to Anion-Binding: The Case of Anion-Binding to Divalent Fluorinated Pyridines in the Gas Phase. <i>Chemistry - A European Journal</i> , 2018, 24, 12879-12889.	1.7	4
12	From Compact to String-The Role of Secondary and Tertiary Structure in Charge-Induced Unzipping of Gas-Phase Proteins. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 638-646.	1.2	15
13	Glycan Fingerprinting via Cold- Ion Infrared Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11248-11251.	7.2	116
14	Ion mobility-mass spectrometry and orthogonal gas-phase techniques to study amyloid formation and inhibition. <i>Current Opinion in Structural Biology</i> , 2017, 46, 7-15.	2.6	31
15	Von normalen Proteinen zu unregelmäßigen Ablagerungen. <i>Nachrichten Aus Der Chemie</i> , 2017, 65, 874-878.	0.0	0
16	Fingerabdrücke für Glykane durch Spektroskopie kalter Ionen. <i>Angewandte Chemie</i> , 2017, 129, 11400-11404.	1.6	16
17	An infrared spectroscopy approach to follow $\beta$ -sheet formation in peptide amyloid assemblies. <i>Nature Chemistry</i> , 2017, 9, 39-44.	6.6	163
18	Assessing the stability of alanine-based helices by conformer-selective IR spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 19950-19954.	1.3	13

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19	Retention of Native Protein Structures in the Absence of Solvent: A Coupled Ion Mobility and Spectroscopic Study. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14173-14176.	7.2	106
20	Die Erhaltung nativer Proteinstrukturen unter Ausschluss von Lösungsmittel: eine Untersuchung mit Hilfe der Kombination von Ionenmobilität mit Spektroskopie. <i>Angewandte Chemie</i> , 2016, 128, 14380-14384.	1.6	3
21	Thumbnail: Die Erhaltung nativer Proteinstrukturen unter Ausschluss von Lösungsmittel: eine Untersuchung mit Hilfe der Kombination von Ionenmobilität mit Spektroskopie ( <i>Angew. Chem.</i> 45/2016). <i>Angewandte Chemie</i> , 2016, 128, 14386-14386.	1.6	0
22	Energy-Resolved Ion Mobility-Mass Spectrometry—A Concept to Improve the Separation of Isomeric Carbohydrates. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 471-479.	1.2	46