

Ann Marie Woys

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11920889/publications.pdf>

Version: 2024-02-01

12
papers

814
citations

759233

12
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

910
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-dimensional infrared spectroscopy reveals the complex behaviour of an amyloid fibril inhibitor. <i>Nature Chemistry</i> , 2012, 4, 355-360.	13.6	158
2	Two-dimensional IR spectroscopy and segmental ¹³ C labeling reveals the domain structure of human ¹³ D-crystallin amyloid fibrils. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3329-3334.	7.1	126
3	Residue-specific structural kinetics of proteins through the union of isotope labeling, mid-IR pulse shaping, and coherent 2D IR spectroscopy. <i>Methods</i> , 2010, 52, 12-22.	3.8	112
4	Parallel β -Sheet Vibrational Couplings Revealed by 2D IR Spectroscopy of an Isotopically Labeled Macrocyclic: Quantitative Benchmark for the Interpretation of Amyloid and Protein Infrared Spectra. <i>Journal of the American Chemical Society</i> , 2012, 134, 19118-19128.	13.7	91
5	2D IR Line Shapes Probe Ovispirin Peptide Conformation and Depth in Lipid Bilayers. <i>Journal of the American Chemical Society</i> , 2010, 132, 2832-2838.	13.7	90
6	Efficient Microwave-Assisted Synthesis of Human Islet Amyloid Polypeptide Designed to Facilitate the Specific Incorporation of Labeled Amino Acids. <i>Organic Letters</i> , 2010, 12, 4848-4851.	4.6	76
7	A Strongly Absorbing Class of Non-Natural Labels for Probing Protein Electrostatics and Solvation with FTIR and 2D IR Spectroscopies. <i>Journal of Physical Chemistry B</i> , 2013, 117, 5009-5018.	2.6	48
8	2D IR Cross Peaks Reveal Hydrogen-Deuterium Exchange with Single Residue Specificity. <i>Journal of Physical Chemistry B</i> , 2013, 117, 15297-15305.	2.6	29
9	General Strategy for the Bioorthogonal Incorporation of Strongly Absorbing, Solvation-Sensitive Infrared Probes into Proteins. <i>Journal of Physical Chemistry B</i> , 2014, 118, 7946-7953.	2.6	27
10	Adsorption of polysorbate 20 and proteins on hydrophobic polystyrene surfaces studied by neutron reflectometry. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 168, 94-102.	5.0	22
11	Adsorption of non-ionic surfactant and monoclonal antibody on siliconized surface studied by neutron reflectometry. <i>Journal of Colloid and Interface Science</i> , 2021, 584, 429-438.	9.4	21
12	Ultrafast interligand electron transfer in <i>cis</i> -[Ru(4,4'-dicarboxylate-2,2'-bipyridine) ₂ (NCS) ₂] ⁴⁺ and implications for electron injection limitations in dye sensitized solar cells. <i>Chemical Science</i> , 2018, 9, 7958-7967.	7.4	14