

Ansgar B Siemer

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,989
citations

567281

15
h-index

713466

21
g-index

27
all docs

27
docs citations

27
times ranked

2688
citing authors

#	ARTICLE	IF	CITATIONS
1	Calmodulin binds the N-terminus of the functional amyloid Orb2A inhibiting fibril formation. PLoS ONE, 2022, 17, e0259872.	2.5	2
2	Droplet and fibril formation of the functional amyloid Orb2. Journal of Biological Chemistry, 2021, 297, 100804.	3.4	12
3	Huntingtin fibrils with different toxicity, structure, and seeding potential can be interconverted. Nature Communications, 2021, 12, 4272.	12.8	25
4	Advances in studying protein disorder with solid-state NMR. Solid State Nuclear Magnetic Resonance, 2020, 106, 101643.	2.3	26
5	Structural Model of the Proline-Rich Domain of Huntingtin Exon-1 Fibrils. Biophysical Journal, 2020, 119, 2019-2028.	0.5	9
6	The Structure of the Necrosome RIPK1-RIPK3 Core, a Human Hetero-Amyloid Signaling Complex. Cell, 2018, 173, 1244-1253.e10.	28.9	216
7	Dynamics of the Proline-Rich C-Terminus of Huntingtin Exon-1 Fibrils. Journal of Physical Chemistry B, 2018, 122, 9507-9515.	2.6	21
8	Formation and Structure of Wild Type Huntingtin Exon-1 Fibrils. Biochemistry, 2017, 56, 3579-3586.	2.5	30
9	The Functional Amyloid Orb2A Binds to Lipid Membranes. Biophysical Journal, 2017, 113, 37-47.	0.5	19
10	Metal Binding Properties of the N-Terminus of the Functional Amyloid Orb2. Biomolecules, 2017, 7, 57.	4.0	4
11	Identification and Structural Characterization of the N-terminal Amyloid Core of Orb2 isoform A. Scientific Reports, 2016, 6, 38265.	3.3	32
12	Dynamic domains of amyloid fibrils can be site-specifically assigned with proton detected 3D NMR spectroscopy. Journal of Biomolecular NMR, 2016, 66, 159-162.	2.8	9
13	Solid-State Nuclear Magnetic Resonance on the Static and Dynamic Domains of Huntingtin Exon-1 Fibrils. Biochemistry, 2015, 54, 3942-3949.	2.5	63
14	Characterization of prion-like conformational changes of the neuronal isoform of Aplysia CPEB. Nature Structural and Molecular Biology, 2013, 20, 495-501.	8.2	73
15	The RIP1/RIP3 Necrosome Forms a Functional Amyloid Signaling Complex Required for Programmed Necrosis. Cell, 2012, 150, 339-350.	28.9	968
16	Protein Linewidth and Solvent Dynamics in Frozen Solution NMR. PLoS ONE, 2012, 7, e47242.	2.5	63
17	Protein-ice interaction of an antifreeze protein observed with solid-state NMR. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 17580-17585.	7.1	49
18	Solid-State NMR on a Type III Antifreeze Protein in the Presence of Ice. Journal of the American Chemical Society, 2008, 130, 17394-17399.	13.7	33

#	ARTICLE	IF	CITATIONS
19	Amyloids and Prions: structure, conformations and conformational transitions as seen by NMR. FASEB Journal, 2007, 21, A96.	0.5	0
20	Observation of Highly Flexible Residues in Amyloid Fibrils of the HET-s Prion. Journal of the American Chemical Society, 2006, 128, 13224-13228.	13.7	131
21	¹³ C, ¹⁵ N Resonance Assignment of Parts of the HET-s Prion Protein in its Amyloid Form. Journal of Biomolecular NMR, 2006, 34, 75-87.	2.8	91
22	High-Resolution Solid-State NMR Spectroscopy of the Prion Protein HET-s in Its Amyloid Conformation. Angewandte Chemie - International Edition, 2005, 44, 2441-2444.	13.8	109