Ansgar B Siemer

List of Publications by Year
in descending order

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22	1,989	567281 15	713466 21
papers	citations	h-index	g-index

27	27	27	2688
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The RIP1/RIP3 Necrosome Forms a Functional Amyloid Signaling Complex Required for Programmed Necrosis. Cell, 2012, 150, 339-350.	28.9	968
2	The Structure of the Necrosome RIPK1-RIPK3 Core, a Human Hetero-Amyloid Signaling Complex. Cell, 2018, 173, 1244-1253.e10.	28.9	216
3	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
4	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
5	13C, 15N 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
6	Characterization of prion-like conformational changes of the neuronal isoform of AplysiaÂCPEB. Nature Structural and Molecular Biology, 2013, 20, 495-501.	8.2	73
7	Protein Linewidth and Solvent Dynamics in Frozen Solution NMR. PLoS ONE, 2012, 7, e47242.	2.5	63
8	Solid-State Nuclear Magnetic Resonance on the Static and Dynamic Domains of Huntingtin Exon-1 Fibrils. Biochemistry, 2015, 54, 3942-3949.	2.5	63
9	Proteinâ€“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
10	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
11	Identification and Structural Characterization of the N-terminal Amyloid Core of Orb2 isoform A. Scientific Reports, 2016, 6, 38265.	3.3	32
12	Formation and Structure of Wild Type Huntingtin Exon-1 Fibrils. Biochemistry, 2017, 56, 3579-3586.	2.5	30
13	Advances in studying protein disorder with solid-state NMR. Solid State Nuclear Magnetic Resonance, 2020, 106, 101643.	2.3	26
14	Huntingtin fibrils with different toxicity, structure, and seeding potential can be interconverted. Nature Communications, 2021, 12, 4272.	12.8	25
15	Dynamics of the Proline-Rich C-Terminus of Huntingtin Exon-1 Fibrils. Journal of Physical Chemistry B, 2018, 122, 9507-9515.	2.6	21
16	The Functional Amyloid Orb2A Binds to Lipid Membranes. Biophysical Journal, 2017, 113, 37-47.	0.5	19
17	Droplet and fibril formation of the functional amyloid Orb2. Journal of Biological Chemistry, 2021, 297, 100804.	3.4	12
18	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

#	Article	IF	Citations
19	Structural Model of the Proline-Rich Domain of Huntingtin Exon-1 Fibrils. Biophysical Journal, 2020, 119, 2019-2028.	0.5	9
20	Metal Binding Properties of the N-Terminus of the Functional Amyloid Orb2. Biomolecules, 2017, 7, 57.	4.0	4
21	Calmodulin binds the N-terminus of the functional amyloid Orb2A inhibiting fibril formation. PLoS ONE, 2022, 17, e0259872.	2.5	2
22	Amyloids and Prions: structure, conformations and conformational transitions as seen by NMR. FASEB Journal, 2007, 21, A96.	0.5	0