

# Annette Eva Langkilde

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

773  
citations

623734

14  
h-index

642732

23  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1409  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and Functional Insight into How the Plasmodium falciparum VAR2CSA Protein Mediates Binding to Chondroitin Sulfate A in Placental Malaria. <i>Journal of Biological Chemistry</i> , 2012, 287, 23332-23345.	3.4	154
2	Methods for structural characterization of prefibrillar intermediates and amyloid fibrils. <i>FEBS Letters</i> , 2009, 583, 2600-2609.	2.8	63
3	In-depth analysis of subclass-specific conformational preferences of IgG antibodies. <i>IUCr</i> , 2015, 2, 9-18.	2.2	59
4	Small-Angle X-ray Scattering Screening Complements Conventional Biophysical Analysis: Comparative Structural and Biophysical Analysis of Monoclonal Antibodies IgG1, IgG2, and IgG4. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 1701-1710.	3.3	54
5	Protein/Lipid Coaggregates are Formed During $\hat{\pm}$ -Synuclein-Induced Disruption of Lipid Bilayers. <i>Biomacromolecules</i> , 2014, 15, 3643-3654.	5.4	51
6	Refinement of $\hat{\pm}$ -Synuclein Ensembles Against SAXS Data: Comparison of Force Fields and Methods. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 654333.	3.5	51
7	The architecture of amyloid-like peptide fibrils revealed by X-ray scattering, diffraction and electron microscopy. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2015, 71, 882-895.	2.5	50
8	Wildtype and A30P Mutant Alpha-Synuclein Form Different Fibril Structures. <i>PLoS ONE</i> , 2013, 8, e67713.	2.5	48
9	Monoclonal Antibodies Follow Distinct Aggregation Pathways During Production-Relevant Acidic Incubation and Neutralization. <i>Pharmaceutical Research</i> , 2016, 33, 716-728.	3.5	45
10	Femtosecond X-ray coherent diffraction of aligned amyloid fibrils on low background graphene. <i>Nature Communications</i> , 2018, 9, 1836.	12.8	34
11	Avidity within the N-terminal anchor drives $\hat{\pm}$ -synuclein membrane interaction and insertion. <i>FASEB Journal</i> , 2020, 34, 7462-7482.	0.5	28
12	Developing Inhibitors of the p47phox-p22phox Protein-Protein Interaction by Fragment-Based Drug Discovery. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 1156-1177.	6.4	25
13	Size-Selective Phagocytic Clearance of Fibrillar $\hat{\pm}$ -Synuclein through Conformational Activation of Complement Receptor 4. <i>Journal of Immunology</i> , 2020, 204, 1345-1361.	0.8	23
14	The structural basis of fungal glucuronoyl esterase activity on natural substrates. <i>Nature Communications</i> , 2020, 11, 1026.	12.8	16
15	Insight into Calcium-Binding Motifs of Intrinsically Disordered Proteins. <i>Biomolecules</i> , 2021, 11, 1173.	4.0	16
16	Distinct $\hat{\pm}$ -Synuclein:Lipid Co-Structure Complexes Affect Amyloid Nucleation through Fibril Mimetic Behavior. <i>Biochemistry</i> , 2019, 58, 5052-5065.	2.5	12
17	Structural Characterization of Prefibrillar Intermediates and Amyloid Fibrils by Small-Angle X-Ray Scattering. <i>Methods in Molecular Biology</i> , 2012, 849, 137-155.	0.9	10
18	Structure and thermodynamics of transient protein-protein complexes by chemometric decomposition of SAXS datasets. <i>Structure</i> , 2021, 29, 1074-1090.e4.	3.3	7

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19	The Non-Fibrillating N-Terminal of $\alpha$ -Synuclein Binds and Co-Fibrillates with Heparin. <i>Biomolecules</i> , 2020, 10, 1192.	4.0	6
20	Noninvasive Structural Analysis of Intermediate Species During Fibrillation: An Application of Small-Angle X-Ray Scattering. <i>Methods in Molecular Biology</i> , 2018, 1779, 209-239.	0.9	5
21	Structural insights into protein folding, stability and activity using <i>in vivo</i> perdeuteration of hen egg-white lysozyme. <i>IUCr</i> , 2021, 8, 372-386.	2.2	4
22	$\alpha$ -Synuclein Responses in the Laterodorsal Tegmentum, the Pedunculopontine Tegmentum, and the Substantia Nigra: Implications for Early Appearance of Sleep Disorders in Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2021, 11, 1-18.	2.8	3
23	The impact of folding modes and deuteration on the atomic resolution structure of hen egg-white lysozyme. <i>Acta Crystallographica Section D: Structural Biology</i> , 2021, 77, 1579-1590.	2.3	3
24	Insight into calcium-binding motifs of intrinsically disordered proteins. <i>Biophysical Journal</i> , 2022, 121, 300a.	0.5	0
25	Recommendations for addressing the translational gap between experimental and clinical research on amyloid diseases. <i>Journal of Translational Medicine</i> , 2022, 20, 213.	4.4	0