

# Leonie van 't Hag

## List of Publications by Year in descending order

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16  
papers

439  
citations

840776

11  
h-index

940533

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16  
docs citations

16  
times ranked

556  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lyotropic liquid crystal engineering moving beyond binary compositional space â€” ordered nanostructured amphiphile self-assembly materials by design. <i>Chemical Society Reviews</i> , 2017, 46, 2705-2731.	38.1	155
2	Water-processable, biodegradable and coatable aquaplastic from engineered biofilms. <i>Nature Chemical Biology</i> , 2021, 17, 732-738.	8.0	64
3	Lupin proteins: Structure, isolation and application. <i>Trends in Food Science and Technology</i> , 2021, 116, 928-939.	15.1	39
4	In Meso Crystallization: Compatibility of Different Lipid Bicontinuous Cubic Mesophases with the Cubic Crystallization Screen in Aqueous Solution. <i>Crystal Growth and Design</i> , 2014, 14, 1771-1781.	3.0	29
5	Using SANS with Contrast-Matched Lipid Bicontinuous Cubic Phases To Determine the Location of Encapsulated Peptides, Proteins, and Other Biomolecules. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 2862-2866.	4.6	23
6	How Peptide Molecular Structure and Charge Influence the Nanostructure of Lipid Bicontinuous Cubic Mesophases: Model Synthetic WALP Peptides Provide Insights. <i>Langmuir</i> , 2016, 32, 6882-6894.	3.5	22
7	Transmembrane Complexes of DAP12 Crystallized in Lipid Membranes Provide Insights into Control of Oligomerization in Immunoreceptor Assembly. <i>Cell Reports</i> , 2015, 11, 1184-1192.	6.4	20
8	Deconvoluting the Effect of the Hydrophobic and Hydrophilic Domains of an Amphiphilic Integral Membrane Protein in Lipid Bicontinuous Cubic Mesophases. <i>Langmuir</i> , 2015, 31, 12025-12034.	3.5	18
9	Exploring the <i>in meso</i> crystallization mechanism by characterizing the lipid mesophase microenvironment during the growth of single transmembrane $\alpha$ -helical peptide crystals. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150125.	3.4	14
10	Effect of Lipid-Based Nanostructure on Protein Encapsulation within the Membrane Bilayer Mimetic Lipidic Cubic Phase Using Transmembrane and Lipo-proteins from the Beta-Barrel Assembly Machinery. <i>Langmuir</i> , 2016, 32, 12442-12452.	3.5	13
11	Direct demonstration of lipid phosphorylation in the lipid bilayer of the biomimetic bicontinuous cubic phase using the confined enzyme lipid A phosphoethanolamine transferase. <i>Soft Matter</i> , 2017, 13, 1493-1504.	2.7	11
12	Drying of African leafy vegetables for their effective preservation: the difference in moisture sorption isotherms explained by their microstructure. <i>Food and Function</i> , 2020, 11, 955-964.	4.6	11
13	Protein-Eye View of the <i>in Meso</i> Crystallization Mechanism. <i>Langmuir</i> , 2019, 35, 8344-8356.	3.5	9
14	Light Gold: A Colloidal Approach Using Latex Templates. <i>Advanced Functional Materials</i> , 2020, 30, 1908458.	14.9	6
15	Membrane Protein Structures in Lipid Bilayers; Small-Angle Neutron Scattering With Contrast-Matched Bicontinuous Cubic Phases. <i>Frontiers in Chemistry</i> , 2020, 8, 619470.	3.6	4
16	Single shot laser flash photolysis with a fibre-coupled reference beam monitor. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 404-406.	2.9	1