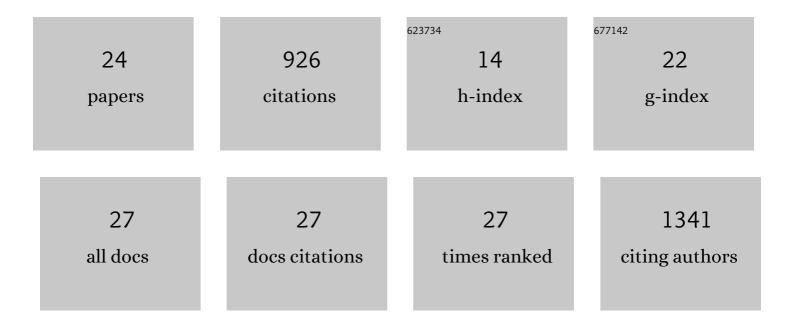
Anja Thalhammer

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	LEAfing through literature: late embryogenesis abundant proteins coming of age—achievements and perspectives. Journal of Experimental Botany, 2022, 73, 6525-6546.	4.8	24
2	A Conserved Hydrophobic Moiety and Helix–Helix Interactions Drive the Self-Assembly of the Incretin Analog Exendin-4. Biomolecules, 2021, 11, 1305.	4.0	1
3	Self-Assembly of Exendin-4-Derived Dual Peptide Agonists is Mediated by Acylation and Correlated to the Length of Conjugated Fatty Acyl Chains. Molecular Pharmaceutics, 2020, 17, 965-978.	4.6	4
4	Similar Yet Different–Structural and Functional Diversity among Arabidopsis thaliana LEA_4 Proteins. International Journal of Molecular Sciences, 2020, 21, 2794.	4.1	12
5	Measuring Freezing Tolerance of Leaves and Rosettes: Electrolyte Leakage and Chlorophyll Fluorescence Assays. Methods in Molecular Biology, 2020, 2156, 9-21.	0.9	9
6	Conformational selection of the intrinsically disordered plant stress protein COR15A in response to solution osmolarity – an X-ray and light scattering study. Physical Chemistry Chemical Physics, 2019, 21, 18727-18740.	2.8	10
7	Conserved Glycines Control Disorder and Function in the Cold-Regulated Protein, COR15A. Biomolecules, 2019, 9, 84.	4.0	15
8	Evolution of Transient Helicity and Disorder in Late Embryogenesis Abundant Protein COR15A. Biophysical Journal, 2019, 116, 473a.	0.5	1
9	Metabolite and transcript markers for the prediction of potato drought tolerance. Plant Biotechnology Journal, 2018, 16, 939-950.	8.3	68
10	The Use of Mass Spectrometry to Examine IDPs: Unique Insights and Caveats. Methods in Enzymology, 2018, 611, 459-502.	1.0	11
11	Folding and Lipid Composition Determine Membrane Interaction of the Disordered Protein COR15A. Biophysical Journal, 2018, 115, 968-980.	0.5	21
12	In Vitro Studies of Lipopolysaccharide-Mediated DNA Release of Podovirus HK620. Viruses, 2018, 10, 289.	3.3	22
13	Folding of intrinsically disordered plant LEA proteins is driven by glycerolâ€induced crowding and the presence of membranes. FEBS Journal, 2017, 284, 919-936.	4.7	69
14	Cetuximab Resistance in Head and Neck Cancer Is Mediated by EGFR-K521 Polymorphism. Cancer Research, 2017, 77, 1188-1199.	0.9	71
15	Rapid-Acting and Human Insulins: Hexamer Dissociation Kinetics upon Dilution of the Pharmaceutical Formulation. Pharmaceutical Research, 2017, 34, 2270-2286.	3.5	38
16	Intrinsically Disordered Stress Protein COR15A Resides at the Membrane Surface during Dehydration. Biophysical Journal, 2017, 113, 572-579.	0.5	51
17	Molecular dynamics simulations and CD spectroscopy reveal hydration-induced unfolding of the intrinsically disordered LEA proteins COR15A and COR15B from Arabidopsis thaliana. Physical Chemistry Chemical Physics, 2016, 18, 25806-25816.	2.8	21
18	LEA proteins – Stabilizers of cellular components by structural transitions in response to dehydration. Cryobiology, 2015, 71, 551.	0.7	1

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#	Article	IF	CITATIONS
19	A mechanistic model of COR15 protein function in plant freezing tolerance: integration of structural and functional characteristics. Plant Signaling and Behavior, 2014, 9, e977722.	2.4	36
20	Disordered Cold Regulated15 Proteins Protect Chloroplast Membranes during Freezing through Binding and Folding, But Do Not Stabilize Chloroplast Enzymes in Vivo. Plant Physiology, 2014, 166, 190-201.	4.8	108
21	Measuring Freezing Tolerance: Electrolyte Leakage and Chlorophyll Fluorescence Assays. Methods in Molecular Biology, 2014, 1166, 15-24.	0.9	71
22	The Function and Evolution of Closely Related COR/LEA (Cold-Regulated/Late Embryogenesis Abundant) Proteins in Arabidopsis thaliana. , 2013, , 89-105.		5
23	LEA proteins: IDPs with versatile functions in cellular dehydration tolerance. Biochemical Society Transactions, 2012, 40, 1000-1003.	3.4	158
24	Interaction of two intrinsically disordered plant stress proteins (COR15A and COR15B) with lipid membranes in the dry state. Biochimica Et Biophysica Acta - Biomembranes, 2010, 1798, 1812-1820.	2.6	95