

Anders J Ytterberg

List of Publications by Year in descending order

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43
papers

5,128
citations

126858

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254106

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times ranked

6816
citing authors

#	ARTICLE	IF	CITATIONS
1	In-Depth Analysis of the Thylakoid Membrane Proteome of Arabidopsis thaliana Chloroplasts: New Proteins, New Functions, and a Plastid Proteome Database[W]. Plant Cell, 2004, 16, 478-499.	3.1	444
2	Central Functions of the Luminal and Peripheral Thylakoid Proteome of Arabidopsis Determined by Experimentation and Genome-Wide Prediction. Plant Cell, 2002, 14, 211-236.	3.1	439
3	Protein Profiling of Plastoglobules in Chloroplasts and Chromoplasts. A Surprising Site for Differential Accumulation of Metabolic Enzymes. Plant Physiology, 2006, 140, 984-997.	2.3	414
4	The Proteomes of Human Parotid and Submandibular/Sublingual Gland Salivas Collected as the Ductal Secretions. Journal of Proteome Research, 2008, 7, 1994-2006.	1.8	376
5	Consequences of Membrane Protein Overexpression in Escherichia coli. Molecular and Cellular Proteomics, 2007, 6, 1527-1550.	2.5	302
6	The Oligomeric Stromal Proteome of Arabidopsis thaliana Chloroplasts. Molecular and Cellular Proteomics, 2006, 5, 114-133.	2.5	287
7	New Functions of the Thylakoid Membrane Proteome of Arabidopsis thaliana Revealed by a Simple, Fast, and Versatile Fractionation Strategy. Journal of Biological Chemistry, 2004, 279, 49367-49383.	1.6	238
8	Expression of tetanus toxin Fragment C in tobacco chloroplasts. Nucleic Acids Research, 2003, 31, 1174-1179.	6.5	204
9	Clp Protease Complexes from Photosynthetic and Non-photosynthetic Plastids and Mitochondria of Plants, Their Predicted Three-dimensional Structures, and Functional Implications. Journal of Biological Chemistry, 2004, 279, 4768-4781.	1.6	193
10	Release of Active Peptidyl Arginine Deiminases by Neutrophils Can Explain Production of Extracellular Citrullinated Autoantigens in Rheumatoid Arthritis Synovial Fluid. Arthritis and Rheumatology, 2015, 67, 3135-3145.	2.9	193
11	Consequences of C4 Differentiation for Chloroplast Membrane Proteomes in Maize Mesophyll and Bundle Sheath Cells. Molecular and Cellular Proteomics, 2008, 7, 1609-1638.	2.5	181
12	Heightened immune response to autocitrullinated Porphyromonas gingivalis peptidylarginine deiminase: a potential mechanism for breaching immunologic tolerance in rheumatoid arthritis. Annals of the Rheumatic Diseases, 2014, 73, 263-269.	0.5	171
13	Lungs, joints and immunity against citrullinated proteins in rheumatoid arthritis. Nature Reviews Rheumatology, 2014, 10, 645-653.	3.5	128
14	Isolation and Identification of a Novel Mitochondrial Metalloprotease (PreP) That Degrades Targeting Presequences in Plants. Journal of Biological Chemistry, 2002, 277, 41931-41939.	1.6	114
15	Optimizing heterologous protein production in the periplasm of E. coli by regulating gene expression levels. Microbial Cell Factories, 2013, 12, 24.	1.9	114
16	Shared immunological targets in the lungs and joints of patients with rheumatoid arthritis: identification and validation. Annals of the Rheumatic Diseases, 2015, 74, 1772-1777.	0.5	112
17	Identification of a 350-kDa ClpP Protease Complex with 10 Different Clp Isoforms in Chloroplasts of Arabidopsis thaliana. Journal of Biological Chemistry, 2001, 276, 16318-16327.	1.6	106
18	Affinity purification of the tobacco plastid RNA polymerase and in vitro reconstitution of the holoenzyme. Plant Journal, 2004, 40, 164-172.	2.8	101

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19	Negative Feedback in Noncanonical NF- κ B Signaling Modulates NIK Stability Through IKK \pm -Mediated Phosphorylation. <i>Science Signaling</i> , 2010, 3, ra41.	1.6	95
20	Analyses of the secretomes of <i>Erwinia amylovora</i> and selected hrp mutants reveal novel type III secreted proteins and an effect of HrpJ on extracellular harpin levels. <i>Molecular Plant Pathology</i> , 2007, 8, 55-67.	2.0	77
21	Defining the Role of the <i>Escherichia coli</i> Chaperone SecB Using Comparative Proteomics*. <i>Journal of Biological Chemistry</i> , 2006, 281, 10024-10034.	1.6	70
22	Quantitative Proteomics of a Chloroplast <i>SRP54</i> Sorting Mutant and Its Genetic Interactions with <i>CLPC1</i> in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2008, 148, 156-175.	2.3	69
23	Integration of Protein Processing Steps on a Droplet Microfluidics Platform for MALDI-MS Analysis. <i>Analytical Chemistry</i> , 2010, 82, 2095-2101.	3.2	69
24	Connecting actin monomers by iso-peptide bond is a toxicity mechanism of the <i>Vibrio cholerae</i> MARTX toxin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 18537-18542.	3.3	68
25	Modification-specific proteomics in plant biology. <i>Journal of Proteomics</i> , 2010, 73, 2249-2266.	1.2	67
26	Metabolic Crisis After Traumatic Brain Injury is Associated with a Novel Microdialysis Proteome. <i>Neurocritical Care</i> , 2010, 12, 324-336.	1.2	63
27	Effects of SecE Depletion on the Inner and Outer Membrane Proteomes of <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2008, 190, 3505-3525.	1.0	49
28	Mapping of Drebrin Binding Site on F-Actin. <i>Journal of Molecular Biology</i> , 2010, 398, 542-554.	2.0	48
29	C57BL/6 mice need MHC class II Aq to develop collagen-induced arthritis dependent on autoreactive T cells. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 1225-1232.	0.5	40
30	Characterization of the Consequences of YidC Depletion on the Inner Membrane Proteome of <i>E. coli</i> Using 2D Blue Native/SDS-PAGE. <i>Journal of Molecular Biology</i> , 2011, 409, 124-135.	2.0	39
31	Chemosensory proteins, major salivary factors in caterpillar mandibular glands. <i>Insect Biochemistry and Molecular Biology</i> , 2012, 42, 796-805.	1.2	38
32	Consequences of Depletion of the Signal Recognition Particle in <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 2011, 286, 4598-4609.	1.6	36
33	Development of autoantibodies against muscle-specific FHL1 in severe inflammatory myopathies. <i>Journal of Clinical Investigation</i> , 2015, 125, 4612-4624.	3.9	33
34	S-layer, Surface-Accessible, and Concanavalin A Binding Proteins of <i>Methanosarcina acetivorans</i> and <i>Methanosarcina mazei</i> . <i>Journal of Proteome Research</i> , 2009, 8, 1972-1982.	1.8	31
35	IgG Antibodies to Cyclic Citrullinated Peptides Exhibit Profiles Specific in Terms of IgG Subclasses, Fc-Glycans and a Fab-Peptide Sequence. <i>PLoS ONE</i> , 2014, 9, e113924.	1.1	31
36	Heme Binding in Gas-Phase Holo-Myoglobin Cations: Distal Becomes Proximal?. <i>Journal of the American Society for Mass Spectrometry</i> , 2011, 22, 1763-70.	1.2	20

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37	Collision-Induced Dissociation Fragmentation Inside Disulfide C-Terminal Loops of Natural Non-Tryptic Peptides. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 1037-1044.	1.2	17
38	Natural Polymorphisms in Tap2 Influence Negative Selection and CD4 ⁺ CD8 Lineage Commitment in the Rat. <i>PLoS Genetics</i> , 2014, 10, e1004151.	1.5	16
39	Proteomics Reveals a Role for Attachment in Monocyte Differentiation into Efficient Proinflammatory Macrophages. <i>Journal of Proteome Research</i> , 2015, 14, 3940-3947.	1.8	10
40	Effect of host plant and immune challenge on the levels of chemosensory and odorant-binding proteins in caterpillar salivary glands. <i>Insect Biochemistry and Molecular Biology</i> , 2015, 61, 34-45.	1.2	10
41	Mining proteomic data to expose protein modifications in <i>Methanosarcina mazei</i> strain GÅ1. <i>Frontiers in Microbiology</i> , 2015, 6, 149.	1.5	8
42	Characterization of Morphine- α -Glucose-6-phosphate Dehydrogenase Conjugates by Mass Spectrometry. <i>Bioconjugate Chemistry</i> , 2011, 22, 1595-1604.	1.8	6
43	Ways forward to identify new ACPA targets in RA. <i>Arthritis Research and Therapy</i> , 2012, 14, 124.	1.6	1