

Anders J Ytterberg

List of Publications by Year in descending order

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43
papers

5,128
citations

126708

33
h-index

253896

43
g-index

43
all docs

43
docs citations

43
times ranked

6816
citing authors

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