

# Alexandre Podtelejnikov

## List of Publications by Year in descending order

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41  
papers

10,954  
citations

126858

33  
h-index

276775

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docs citations

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times ranked

11358  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved Reversed Phase Chromatography of Hydrophilic Peptides from Spatial and Temporal Changes in Column Temperature. <i>Journal of Proteome Research</i> , 2017, 16, 2307-2317.	1.8	11
2	Integrated Analysis of the Cerebrospinal Fluid Peptidome and Proteome. <i>Journal of Proteome Research</i> , 2008, 7, 386-399.	1.8	162
3	Analysis of the Mouse Liver Proteome Using Advanced Mass Spectrometry. <i>Journal of Proteome Research</i> , 2007, 6, 2963-2972.	1.8	83
4	Comparison of different search engines using validated MS/MS test datasets. <i>Analytica Chimica Acta</i> , 2005, 534, 11-20.	2.6	41
5	Yeast poly(A)-binding protein Pab1 shuttles between the nucleus and the cytoplasm and functions in mRNA export. <i>Rna</i> , 2005, 11, 517-531.	1.6	115
6	Proteomic Mapping of Brain Plasma Membrane Proteins. <i>Molecular and Cellular Proteomics</i> , 2005, 4, 402-408.	2.5	147
7	Experimental Peptide Identification Repository (EPIR). <i>Molecular and Cellular Proteomics</i> , 2004, 3, 1023-1038.	2.5	38
8	Screening for N-glycosylated proteins by liquid chromatography mass spectrometry. <i>Proteomics</i> , 2004, 4, 454-465.	1.3	185
9	Experiences and perspectives of MALDI MS and MS/MS in proteomic research. <i>International Journal of Mass Spectrometry</i> , 2003, 226, 223-237.	0.7	54
10	Rrp47p Is an Exosome-Associated Protein Required for the 3' Processing of Stable RNAs. <i>Molecular and Cellular Biology</i> , 2003, 23, 6982-6992.	1.1	144
11	Ssdp proteins interact with the LIM-domain-binding protein Ldb1 to regulate development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 14320-14325.	3.3	66
12	A Proteomic Approach for Identification of Secreted Proteins during the Differentiation of 3T3-L1 Preadipocytes to Adipocytes. <i>Molecular and Cellular Proteomics</i> , 2002, 1, 213-222.	2.5	227
13	Identification of yeast proteins by mass spectrometry. <i>Methods in Enzymology</i> , 2002, 351, 296-321.	0.4	3
14	Multi-Protein Complexes Studied by Mass Spectrometry. <i>Scientific World Journal, The</i> , 2002, 2, 91-92.	0.8	1
15	Phosphopeptide detection and sequencing by matrix-assisted laser desorption/ionization quadrupole time-of-flight tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2002, 37, 179-190.	0.7	102
16	Cloning of a novel phosphotyrosine binding domain containing molecule, Odin, involved in signaling by receptor tyrosine kinases. <i>Oncogene</i> , 2002, 21, 8029-8036.	2.6	48
17	Mechanism of regulation of WAVE1-induced actin nucleation by Rac1 and Nck. <i>Nature</i> , 2002, 418, 790-793.	13.7	758
18	Systematic identification of protein complexes in <i>Saccharomyces cerevisiae</i> by mass spectrometry. <i>Nature</i> , 2002, 415, 180-183.	13.7	3,445

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19	Regulation of G2/M events by Cdc25A through phosphorylation-dependent modulation of its stability. <i>EMBO Journal</i> , 2002, 21, 5911-5920.	3.5	272
20	The RING-H2 finger protein APC11 and the E2 enzyme UBC4 are sufficient to ubiquitinate substrates of the anaphase-promoting complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 8973-8978.	3.3	173
21	Purification of Protein A-tagged Yeast Ran Reveals Association with a Novel Karyopherin $\hat{1}^2$ Family Member, Pdr6p. <i>Journal of Biological Chemistry</i> , 2000, 275, 467-471.	1.6	15
22	Analysis of receptor signaling pathways by mass spectrometry: Identification of Vav-2 as a substrate of the epidermal and platelet-derived growth factor receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 179-184.	3.3	410
23	Association of Yeast RNA Polymerase I with a Nucleolar Substructure Active in Rrna Synthesis and Processing. <i>Journal of Cell Biology</i> , 2000, 149, 575-590.	2.3	54
24	Mlp2p, A Component of Nuclear Pore Attached Intranuclear Filaments, Associates with Nic96p. <i>Journal of Biological Chemistry</i> , 2000, 275, 343-350.	1.6	81
25	Nup116p Associates with the Nup82p-Nsp1p-Nup159p Nucleoporin Complex. <i>Journal of Biological Chemistry</i> , 2000, 275, 23540-23548.	1.6	52
26	Endophilin I mediates synaptic vesicle formation by transfer of arachidonate to lysophosphatidic acid. <i>Nature</i> , 1999, 401, 133-141.	13.7	507
27	Identification of MINUS, a small polypeptide that functions as a microtubule nucleation suppressor. <i>EMBO Journal</i> , 1999, 18, 565-577.	3.5	19
28	The Mex67p-mediated nuclear mRNA export pathway is conserved from yeast to human. <i>EMBO Journal</i> , 1999, 18, 2593-2609.	3.5	387
29	Control of the Terminal Step of Intracellular Membrane Fusion by Protein Phosphatase 1 &nbsp; Science, 1999, 285, 1084-1087.	6.0	152
30	The yeast exosome and human PM-Scl are related complexes of 3' right-arrow 5' exonucleases. <i>Genes and Development</i> , 1999, 13, 2148-2158.	2.7	402
31	Nup116p and Nup100p are interchangeable through a conserved motif which constitutes a docking site for the mRNA transport factor Gle2p. <i>EMBO Journal</i> , 1998, 17, 1107-1119.	3.5	127
32	Correlation of acidic and basic carrier ampholyte and immobilized pH gradient two-dimensional gel electrophoresis patterns based on mass spectrometric protein identification. <i>Electrophoresis</i> , 1998, 19, 1024-1035.	1.3	53
33	Mtr10p functions as a nuclear import receptor for the mRNA-binding protein Npl3p. <i>EMBO Journal</i> , 1998, 17, 2196-2207.	3.5	174
34	Identification of the Components of Simple Protein Mixtures by High-Accuracy Peptide Mass Mapping and Database Searching. <i>Analytical Chemistry</i> , 1997, 69, 4741-4750.	3.2	253
35	The complex containing actin-related proteins Arp2 and Arp3 is required for the motility and integrity of yeast actin patches. <i>Current Biology</i> , 1997, 7, 519-529.	1.8	239
36	Title is missing!. <i>International Journal of Peptide Research and Therapeutics</i> , 1997, 4, 57-65.	0.1	6

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37	The application of robotics and mass spectrometry to the characterisation of the <i>Drosophila melanogaster</i> indirect flight muscle proteome. <i>International Journal of Peptide Research and Therapeutics</i> , 1997, 4, 57-65.	0.1	7
38	Linking genome and proteome by mass spectrometry: Large-scale identification of yeast proteins from two dimensional gels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 14440-14445.	3.3	1,415
39	Delayed Extraction Improves Specificity in Database Searches by Matrix-assisted Laser Desorption/Ionization Peptide Maps. <i>Rapid Communications in Mass Spectrometry</i> , 1996, 10, 1371-1378.	0.7	307
40	A strategy for identifying gel-separated proteins in sequence databases by MS alone. <i>Biochemical Society Transactions</i> , 1996, 24, 893-896.	1.6	212
41	Delayed Extraction Improves Specificity in Database Searches by Matrix-assisted Laser Desorption/Ionization Peptide Maps. <i>Rapid Communications in Mass Spectrometry</i> , 1996, 10, 1371-1378.	0.7	7