

# Anton Iliuk

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

2,236  
citations

361045

20  
h-index

329751

37  
g-index

47  
all docs

47  
docs citations

47  
times ranked

3481  
citing authors

#	ARTICLE	IF	CITATIONS
1	Proteomics and Phosphoproteomics of Circulating Extracellular Vesicles Provide New Insights into Diabetes Pathobiology. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5779.	1.8	16
2	Proteomics, Phosphoproteomics and Mirna Analysis of Circulating Extracellular Vesicles through Automated and High-Throughput Isolation. <i>Cells</i> , 2022, 11, 2070.	1.8	8
3	Profiling Glycoproteins on Functionalized Reverse Phase Protein Array. <i>Methods in Molecular Biology</i> , 2021, 2237, 207-215.	0.4	0
4	Glass Fiber-Supported Hybrid Monolithic Spin Tip for Enrichment of Phosphopeptides from Urinary Extracellular Vesicles. <i>Analytical Chemistry</i> , 2020, 92, 14790-14797.	3.2	8
5	Plasma-Derived Extracellular Vesicle Phosphoproteomics through Chemical Affinity Purification. <i>Journal of Proteome Research</i> , 2020, 19, 2563-2574.	1.8	51
6	Analytical Pipeline for Discovery and Verification of Glycoproteins from Plasma-Derived Extracellular Vesicles as Breast Cancer Biomarkers. <i>Analytical Chemistry</i> , 2018, 90, 6307-6313.	3.2	46
7	Identification of Phosphorylated Proteins on a Global Scale. <i>Current Protocols in Chemical Biology</i> , 2018, 10, e48.	1.7	3
8	Highly Efficient Phosphoproteome Capture and Analysis from Urinary Extracellular Vesicles. <i>Journal of Proteome Research</i> , 2018, 17, 3308-3316.	1.8	59
9	High-Throughput Phosphorylation Screening and Validation through Ti(IV)-Nanopolymer Functionalized Reverse Phase Phosphoprotein Array. <i>Analytical Chemistry</i> , 2018, 90, 10263-10270.	3.2	3
10	Phosphoproteins in extracellular vesicles as candidate markers for breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3175-3180.	3.3	328
11	Three-Dimensionally Functionalized Reverse Phase Glycoprotein Array for Cancer Biomarker Discovery and Validation. <i>Journal of the American Chemical Society</i> , 2016, 138, 15311-15314.	6.6	34
12	Multiplexed Imaging of Protein Phosphorylation on Membranes Based on Ti <sup>IV</sup> Functionalized Nanopolymers. <i>ChemBioChem</i> , 2016, 17, 900-903.	1.3	3
13	Universal Non-Antibody Detection of Protein Phosphorylation Using pIMAGO. <i>Current Protocols in Chemical Biology</i> , 2015, 7, 17-25.	1.7	1
14	Sensitive measurement of total protein phosphorylation level in complex protein samples. <i>Analyst</i> , 2015, 140, 3390-3396.	1.7	5
15	In-depth analyses of B cell signaling through tandem mass spectrometry of phosphopeptides enriched by PolyMAC. <i>International Journal of Mass Spectrometry</i> , 2015, 377, 744-753.	0.7	18
16	Tissue phosphoproteomics with PolyMAC identifies potential therapeutic targets in a transgenic mouse model of HER2 positive breast cancer. <i>Electrophoresis</i> , 2014, 35, 3463-3469.	1.3	12
17	Analytical challenges translating mass spectrometry-based phosphoproteomics from discovery to clinical applications. <i>Electrophoresis</i> , 2014, 35, 3430-3440.	1.3	31
18	Global Phosphoproteomics of Activated B Cells Using Complementary Metal Ion Functionalized Soluble Nanopolymers. <i>Analytical Chemistry</i> , 2014, 86, 6363-6371.	3.2	17

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19	Abstract 5307: Development of pIMAGO for universal detection of protein phosphorylation. , 2014, , .		0
20	ArhGAP15, a Rac-specific GTPase-activating Protein, Plays a Dual Role in Inhibiting Small GTPase Signaling. Journal of Biological Chemistry, 2013, 288, 21117-21125.	1.6	23
21	Phosphatase of Regenerating Liver 3 (PRL3) Provokes a Tyrosine Phosphoproteome to Drive Prometastatic Signal Transduction. Molecular and Cellular Proteomics, 2013, 12, 3759-3777.	2.5	28
22	Is phosphoproteomics ready for clinical research?. Clinica Chimica Acta, 2013, 420, 23-27.	0.5	18
23	Syk Inhibits the Activity of Protein Kinase A by Phosphorylating Tyrosine 330 of the Catalytic Subunit. Journal of Biological Chemistry, 2013, 288, 10870-10881.	1.6	14
24	Abstract 542: Syk inhibits the activity of protein kinase A by phosphorylating tyrosine 330 of the catalytic subunit in breast cancer cells.. , 2013, , .		0
25	Sensitive kinase assay linked with phosphoproteomics for identifying direct kinase substrates. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 5615-5620.	3.3	115
26	Regulation of parkin and PINK1 by neddylation. Human Molecular Genetics, 2012, 21, 2514-2523.	1.4	60
27	Multiplexed Quantitation of Protein Expression and Phosphorylation Based on Functionalized Soluble Nanopolymers. Journal of the American Chemical Society, 2012, 134, 18201-18204.	6.6	21
28	Chemical Visualization of Phosphoproteomes on Membrane. Molecular and Cellular Proteomics, 2012, 11, 629-639.	2.5	26
29	Abstract 3202: Universal detection of protein phosphorylation based on multi-functionalized soluble nanopolymers. , 2012, , .		0
30	Phosphorylation Assay Based on Multifunctionalized Soluble Nanopolymer. Analytical Chemistry, 2011, 83, 2767-2774.	3.2	30
31	Identifying Protein Complexes by Affinity Purification and Mass Spectrometry Analysis in the Rice Blast Fungus. Methods in Molecular Biology, 2011, 722, 157-166.	0.4	7
32	Aptamer in Bioanalytical Applications. Analytical Chemistry, 2011, 83, 4440-4452.	3.2	693
33	Identification of Drug Targets In Vitro and in Living Cells by Soluble Nanopolymer-Based Proteomics. Angewandte Chemie - International Edition, 2011, 50, 4133-4136.	7.2	21
34	Functionalized Soluble Nanopolymers for Phosphoproteome Analysis. Methods in Molecular Biology, 2011, 790, 277-285.	0.4	12
35	In-depth Analyses of Kinase-dependent Tyrosine Phosphoproteomes Based on Metal Ion-functionalized Soluble Nanopolymers. Molecular and Cellular Proteomics, 2010, 9, 2162-2172.	2.5	143
36	The Tlg1 Histone Deacetylase Complex Regulates Infectious Growth in the Rice Blast Fungus <i>Magnaporthe oryzae</i> . Plant Cell, 2010, 22, 2495-2508.	3.1	138

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37	Regulation of Hemolysin Expression and Virulence of Staphylococcus aureus by a Serine/Threonine Kinase and Phosphatase. PLoS ONE, 2010, 5, e11071.	1.1	151
38	Playing tag with quantitative proteomics. Analytical and Bioanalytical Chemistry, 2009, 393, 503-513.	1.9	46
39	Quantitative Phospho-proteomics Based on Soluble Nanopolymers. Methods in Molecular Biology, 2009, 527, 117-129.	0.4	6
40	Cdc28 and Cdc14 Control Stability of the Anaphase-promoting Complex Inhibitor Acm1. Journal of Biological Chemistry, 2008, 283, 10396-10407.	1.6	35