

Post-translational modifications reshape the antigenic immunopeptidome in tumors

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Citation Report

#	ARTICLE	IF	CITATIONS
3	Contemplating immunopeptidomes to better predict them. <i>Seminars in Immunology</i> , 2023, 66, 101708.	5.6	7
5	Unraveling the Post-Translational Modifications and therapeutical approach in NSCLC pathogenesis. <i>Translational Oncology</i> , 2023, 33, 101673.	3.7	1
6	Large-Scale Immunopeptidome Analysis Reveals Recurrent Posttranslational Splicing of Cancer- and Immune-Associated Genes. <i>Molecular and Cellular Proteomics</i> , 2023, 22, 100519.	3.8	7
8	The peptide woods are lovely, dark and deep: Hunting for novel cancer antigens. <i>Seminars in Immunology</i> , 2023, 67, 101758.	5.6	4
9	Dendritic cell vaccine trials in gliomas: Untangling the lines. <i>Neuro-Oncology</i> , 2023, 25, 1752-1762.	1.2	6
11	Unraveling the glycosylated immunopeptidome with HLA-Glyco. <i>Nature Communications</i> , 2023, 14, .	12.8	2
12	Taking the temperature of lung cancer antigens. <i>Nature Cancer</i> , 2023, 4, 586-587.	13.2	0
13	The landscape of T cell antigens for cancer immunotherapy. <i>Nature Cancer</i> , 2023, 4, 937-954.	13.2	14
14	MSBooster: improving peptide identification rates using deep learning-based features. <i>Nature Communications</i> , 2023, 14, .	12.8	14
15	What do cancer-specific CD8+ T cells see? The contribution of immunopeptidomics. <i>Essays in Biochemistry</i> , 0, , .	4.7	0
16	NeoMS: Identification of Novel MHC-I Peptides with Tandem Mass Spectrometry. <i>Lecture Notes in Computer Science</i> , 2023, , 280-291.	1.3	0
17	Profound N-glycan remodelling accompanies MHC-II immunopeptide presentation. <i>Frontiers in Immunology</i> , 0, 14, .	4.8	0
18	Current perspectives on mass spectrometry-based immunopeptidomics: the computational angle to tumor antigen discovery. , 2023, 11, e007073.		1
19	The SystemMHC Atlas v2.0, an updated resource for mass spectrometry-based immunopeptidomics. <i>Nucleic Acids Research</i> , 0, , .	14.5	1
20	Targeting Tumor Heterogeneity with Neoantigen-Based Cancer Vaccines. <i>Cancer Research</i> , 2024, 84, 353-363.	0.9	1
21	Molecular Characteristics, Functional Definitions, and Regulatory Mechanisms for Cross-Presentation Mediated by the Major Histocompatibility Complex: A Comprehensive Review. <i>International Journal of Molecular Sciences</i> , 2024, 25, 196.	4.1	0
22	Breaking tolerance: autoantibodies can target protein posttranslational modifications. <i>Current Opinion in Biotechnology</i> , 2024, 85, 103056.	6.6	0
23	The genomics revolution comes to the immunopeptidome. <i>Genes and Immunity</i> , 0, , .	4.1	0

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24	Emerging potential of immunopeptidomics by mass spectrometry in cancer immunotherapy. <i>Cancer Science</i> , 2024, 115, 1048-1059.	3.9	0
26	APE-Gen2.0: Expanding Rapid Class I Peptide-Major Histocompatibility Complex Modeling to Post-Translational Modifications and Noncanonical Peptide Geometries. <i>Journal of Chemical Information and Modeling</i> , 2024, 64, 1730-1750.	5.4	0
27	Prediction of tumor-reactive T cell receptors from scRNA-seq data for personalized T cell therapy. <i>Nature Biotechnology</i> , 0, , .	17.5	0
28	The recent advancement of TCR-T cell therapies for cancer treatment. <i>Acta Biochimica Et Biophysica Sinica</i> , 2024, , .	2.0	0