

# Angelika Beate Riemer

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

2,611  
citations

236612

25  
h-index

276539

41  
g-index

55  
all docs

55  
docs citations

55  
times ranked

4373  
citing authors

#	ARTICLE	IF	CITATIONS
1	A vaccine targeting mutant IDH1 induces antitumour immunity. <i>Nature</i> , 2014, 512, 324-327.	13.7	613
2	MHCflurry: Open-Source Class I MHC Binding Affinity Prediction. <i>Cell Systems</i> , 2018, 7, 129-132.e4.	2.9	311
3	Anti-ulcer drugs promote IgE formation toward dietary antigens in adult patients. <i>FASEB Journal</i> , 2005, 19, 1-16.	0.2	195
4	High-Throughput Prediction of MHC Class I and II Neoantigens with MHCnuggets. <i>Cancer Immunology Research</i> , 2020, 8, 396-408.	1.6	103
5	Generation of Peptide Mimics of the Epitope Recognized by Trastuzumab on the Oncogenic Protein Her-2/neu. <i>Journal of Immunology</i> , 2004, 173, 394-401.	0.4	95
6	Immune evasion mechanisms of human papillomavirus: An update. <i>International Journal of Cancer</i> , 2018, 142, 224-229.	2.3	93
7	Mimotope vaccination – from allergy to cancer. <i>Expert Opinion on Biological Therapy</i> , 2009, 9, 493-506.	1.4	87
8	Mimotopes identify conformational epitopes on parvalbumin, the major fish allergen. <i>Molecular Immunology</i> , 2006, 43, 1454-1461.	1.0	83
9	Vaccination With Cetuximab Mimotopes and Biological Properties of Induced Anti-epidermal Growth Factor Receptor Antibodies. <i>Journal of the National Cancer Institute</i> , 2005, 97, 1663-1670.	3.0	79
10	The shared frameshift mutation landscape of microsatellite-unstable cancers suggests immunoediting during tumor evolution. <i>Nature Communications</i> , 2020, 11, 4740.	5.8	78
11	A Conserved E7-derived Cytotoxic T Lymphocyte Epitope Expressed on Human Papillomavirus 16-transformed HLA-A2+ Epithelial Cancers. <i>Journal of Biological Chemistry</i> , 2010, 285, 29608-29622.	1.6	71
12	The Invisible Enemy – How Human Papillomaviruses Avoid Recognition and Clearance by the Host Immune System. <i>The Open Virology Journal</i> , 2012, 6, 249-256.	1.8	67
13	Characterization of GD2 Peptide Mimotope DNA Vaccines Effective against Spontaneous Neuroblastoma Metastases. <i>Cancer Research</i> , 2006, 66, 10567-10575.	0.4	63
14	Therapeutic Vaccine Strategies against Human Papillomavirus. <i>Vaccines</i> , 2014, 2, 422-462.	2.1	55
15	Peptide Processing Is Critical for T-Cell Memory Inflation and May Be Optimized to Improve Immune Protection by CMV-Based Vaccine Vectors. <i>PLoS Pathogens</i> , 2016, 12, e1006072.	2.1	55
16	Performance Evaluation of MHC Class-I Binding Prediction Tools Based on an Experimentally Validated MHC-Peptide Binding Data Set. <i>Cancer Immunology Research</i> , 2019, 7, 719-736.	1.6	53
17	Active Induction of Tumor-Specific IgE Antibodies by Oral Mimotope Vaccination. <i>Cancer Research</i> , 2007, 67, 3406-3411.	0.4	43
18	Isolation and structural analysis of peptide mimotopes for the disialoganglioside GD2, a neuroblastoma tumor antigen. <i>Molecular Immunology</i> , 2005, 42, 319-325.	1.0	41

#	ARTICLE	IF	CITATIONS
19	Mimotope vaccines: Epitope mimics induce anti-cancer antibodies. <i>Immunology Letters</i> , 2007, 113, 1-5.	1.1	41
20	Induction of IgG antibodies against the GD2 carbohydrate tumor antigen by vaccination with peptide mimotopes. <i>European Journal of Immunology</i> , 2006, 36, 1267-1274.	1.6	38
21	Matching of trastuzumab (Herceptin®) epitope mimics onto the surface of Her-2/neu – a new method of epitope definition. <i>Molecular Immunology</i> , 2005, 42, 1121-1124.	1.0	32
22	High-molecular-weight melanoma-associated antigen mimotope immunizations induce antibodies recognizing melanoma cells. <i>Cancer Immunology, Immunotherapy</i> , 2005, 54, 677-684.	2.0	29
23	3,3',4,4',5,5'-Hexahydroxystilbene Impairs Melanoma Progression in a Metastatic Mouse Model. <i>Journal of Investigative Dermatology</i> , 2010, 130, 1668-1679.	0.3	29
24	A Targeted LC-MS Strategy for Low-Abundant HLA Class-II-Presented Peptide Detection Identifies Novel Human Papillomavirus T-Cell Epitopes. <i>Proteomics</i> , 2018, 18, e1700390.	1.3	27
25	Immunization with Mimotopes Prevents Growth of Carcinoembryonic Antigen-Positive Tumors in BALB/c Mice. <i>Clinical Cancer Research</i> , 2007, 13, 6501-6508.	3.2	26
26	Identification and validation of reference genes for expression studies in human keratinocyte cell lines treated with and without interferon-β – a method for qRT-PCR reference gene determination. <i>Experimental Dermatology</i> , 2012, 21, 625-629.	1.4	25
27	Identification of promiscuous HPV16-derived T helper cell epitopes for therapeutic HPV vaccine design. <i>International Journal of Cancer</i> , 2015, 136, 212-224.	2.3	22
28	The Importance of Being Presented: Target Validation by Immunopeptidomics for Epitope-Specific Immunotherapies. <i>Frontiers in Immunology</i> , 2022, 13, 883989.	2.2	20
29	HPVdb: a data mining system for knowledge discovery in human papillomavirus with applications in T cell immunology and vaccinology. <i>Database: the Journal of Biological Databases and Curation</i> , 2014, 2014, bau031-bau031.	1.4	19
30	ERAP1 overexpression in HPV-induced malignancies: A possible novel immune evasion mechanism. <i>OncolImmunology</i> , 2017, 6, e1336594.	2.1	19
31	Enhanced Radiation Sensitivity of Human Papillomavirus-Driven Head and Neck Cancer: Focus on Immunological Aspects. <i>Frontiers in Immunology</i> , 2019, 10, 2831.	2.2	19
32	Analysis of Major Histocompatibility Complex-Bound HIV Peptides Identified from Various Cell Types Reveals Common Nested Peptides and Novel T Cell Responses. <i>Journal of Virology</i> , 2016, 90, 8605-8620.	1.5	18
33	A non-functional neopeptide specific CD8 <sup>+</sup> T-cell response induced by tumor derived antigen exposure <i>in vivo</i> . <i>OncolImmunology</i> , 2019, 8, 1553478.	2.1	16
34	Impaired tumor antigen processing by immunoproteasome-expressing CD40-activated B cells and dendritic cells. <i>Cancer Immunology, Immunotherapy</i> , 2011, 60, 857-867.	2.0	10
35	Therapeutic vaccination using minimal HPV16 epitopes in a novel MHC-humanized murine HPV tumor model. <i>OncolImmunology</i> , 2019, 8, e1524694.	2.1	8
36	Inducing Immunity Where It Matters: Orthotopic HPV Tumor Models and Therapeutic Vaccinations. <i>Frontiers in Immunology</i> , 2020, 11, 1750.	2.2	8

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37	Cross-reactivity of mimotopes with a monoclonal antibody against the high molecular weight melanoma-associated antigen (HMW-MAA) does not predict cross-reactive immunogenicity. <i>Melanoma Research</i> , 2005, 15, 111-117.	0.6	6
38	Bacterial peptides presented on tumour cells could be immunotherapy targets. <i>Nature</i> , 2021, 592, 28-29.	13.7	3
39	Light contamination in stable isotope-labelled internal peptide standards is frequent and a potential source of false discovery and quantitation error in proteomics. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 2545-2552.	1.9	3
40	Small mimotopes are big in identifying B-cell epitopes. <i>Blood</i> , 2006, 108, 1794-1795.	0.6	1
41	Mimotopes for Active Immunotherapy of Tumors: Allergooncology. <i>Clinical Immunology</i> , 2007, 123, S9.	1.4	0
42	Common Concepts of Immune Defense. , 2014, , 219-266.		0
43	Abstract 902: Serum antibodies to the HPV16 proteome as biomarkers for head and neck cancer. , 2011, , .		0
44	Abstract 3529: A direct mass spectrometry approach for HPV T cell epitope identification. , 2012, , .		0
45	Abstract 1267: Identification of HPV-derived CD4+ T-helper epitopes for improving therapeutic anti-HPV vaccine potency.. , 2013, , .		0
46	Abstract LB-235: Therapeutic human papillomavirus vaccine design based on epitopes identified on the tumor cell surface by mass spectrometry. , 2015, , .		0
47	Abstract B31: Identification of target T cell epitopes for a therapeutic HPV16 vaccine. , 2015, , .		0
48	Abstract B32: Evaluation of toll-like receptor ligands as adjuvants for an epitope-based therapeutic HPV vaccine. , 2015, , .		0
49	Abstract 721: Development of a therapeutic HPV vaccine based on mass spectrometry-verified target epitopes. , 2018, , .		0
50	Abstract 578: Investigation of the effect of hypoxia on presentation of HPV16-derived antigens - implications for therapeutic vaccine design. , 2019, , .		0
51	Abstract A33: High-throughput prediction of MHC Class I and Class II neoantigens with MHCnuggets. , 2020, , .		0
52	Abstract 578: Investigation of the effect of hypoxia on presentation of HPV16-derived antigens - implications for therapeutic vaccine design. , 2019, , .		0