Hildegund C J Ertl

List of Publications by Year
in descending order

80 papers	5,897 citations	101543 36 h-index	74163 75 g-index
82 all docs	82 docs citations	82 times ranked	6455 citing authors

#	Article	IF	Citations
1	CD8+ T-cell responses to adeno-associated virus capsid in humans. Nature Medicine, 2007, 13, 419-422.	30.7	629
2	Adenoviruses as vaccine vectors. Molecular Therapy, 2004, 10, 616-629.	8.2	564
3	Enhancing CD8+ T Cell Fatty Acid Catabolism withinÂa Metabolically Challenging Tumor Microenvironment Increases the Efficacy of Melanoma Immunotherapy. Cancer Cell, 2017, 32, 377-391.e9.	16.8	419
4	Replication-Defective Vector Based on a Chimpanzee Adenovirus. Journal of Virology, 2001, 75, 11603-11613.	3.4	253
5	New Insights on Adenovirus as Vaccine Vectors. Molecular Therapy, 2009, 17, 1333-1339.	8.2	229
6	Management of Rabies in Humans. Clinical Infectious Diseases, 2003, 36, 60-63.	5.8	217
7	Random migration precedes stable target cell interactions of tumor-infiltrating T cells. Journal of Experimental Medicine, 2006, 203, 2749-2761.	8.5	201
8	A Simian Replication-Defective Adenoviral Recombinant Vaccine to HIV-1 Gag. Journal of Immunology, 2003, 170, 1416-1422.	0.8	193
9	Adenoviral vectors persist in vivo and maintain activated CD8+ T cells: implications for their use as vaccines. Blood, 2007, 110, 1916-1923.	1.4	190
10	The genome of self-complementary adeno-associated viral vectors increases Toll-like receptor 9â€“dependent innate immune responses in the liver. Blood, 2011, 117, 6459-6468.	1.4	187
11	Novel, Chimpanzee Serotype 68-Based Adenoviral Vaccine Carrier for Induction of Antibodies to a Transgene Product. Journal of Virology, 2002, 76, 2667-2675.	3.4	186
12	Effect of Preexisting Immunity to Adenovirus Human Serotype 5 Antigens on the Immune Responses of Nonhuman Primates to Vaccine Regimens Based on Human- or Chimpanzee-Derived Adenovirus Vectors. Journal of Virology, 2007, 81, 6594-6604.	3.4	172
13	Chimpanzee Adenovirus Antibodies in Humans, Sub-Saharan Africa. Emerging Infectious Diseases, 2006, 12, 1596-1599.	4.3	157
14	Circulating CXCR5+PD-1+ Response Predicts Influenza Vaccine Antibody Responses in Young Adults but not Elderly Adults. Journal of Immunology, 2014, 193, 3528-3537.	0.8	145
15	Induction of CD8+ T Cells to an HIV-1 Antigen through a Prime Boost Regimen with Heterologous E1-Deleted Adenoviral Vaccine Carriers. Journal of Immunology, 2003, 171, 6774-6779.	0.8	107
16	Singleâ€dose immunogenicity and protective efficacy of simian adenoviral vectors against Plasmodium berghei. European Journal of Immunology, 2008, 38, 732-741.	2.9	95
17	Pre-exposure rabies prophylaxis: a systematic review. Bulletin of the World Health Organization, 2017, 95, 210-219C.	3.3	89
18	Activated CD4 ⁺ CCR5 ⁺ T cells in the rectum predict increased SIV acquisition in SIVGag/Tat-vaccinated rhesus macaques. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 518-523.	7.1	88

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19	Depletion of FAP+ cells reduces immunosuppressive cells and improves metabolism and functions CD8+T cells within tumors. Oncotarget, 2016, 7, 23282-23299.	1.8	81
20	Recombinant adeno-associated virus vectors induce functionally impaired transgene productâ€“specific CD8+ T cells in mice. Journal of Clinical Investigation, 2007, 117, 3958-70.	8.2	76
21	Capsid-specific T-cell Responses to Natural Infections With Adeno-associated Viruses in Humans Differ From Those of Nonhuman Primates. Molecular Therapy, 2011, 19, 2021-2030.	8.2	68
22	Dendritic Cell Maturation, but Not CD8+T Cell Induction, Is Dependent on Type I IFN Signaling during Vaccination with Adenovirus Vectors. Journal of Immunology, 2005, 175, 6032-6041.	0.8	67
23	Novel Vaccines to Human Rabies. PLoS Neglected Tropical Diseases, 2009, 3, e515.	3.0	63
24	Unique Roles of TLR9- and MyD88-Dependent and -Independent Pathways in Adaptive Immune Responses to AAV-Mediated Gene Transfer. Journal of Innate Immunity, 2015, 7, 302-314.	3.8	62
25	AAV capsid CD8+ T-cell epitopes are highly conserved across AAV serotypes. Molecular Therapy - Methods and Clinical Development, 2015, 2, 15029.	4.1	59
26	An efficient method of directly cloning chimpanzee adenovirus as a vaccine vector. Nature Protocols, 2010, 5, 1775-1785.	12.0	58
27	Chimpanzee adenovirus CV-68 adapted as a gene delivery vector interacts with the coxsackievirus and adenovirus receptor. Journal of General Virology, 2002, 83, 151-155.	2.9	57
28	A Universal Influenza A Vaccine Based on Adenovirus Expressing Matrix-2 Ectodomain and Nucleoprotein Protects Mice From Lethal Challenge. Molecular Therapy, 2010, 18, 2182-2188.	8.2	56
29	Race-related differences in antibody responses to the inactivated influenza vaccine are linked to distinct pre-vaccination gene expression profiles in blood. Oncotarget, 2016, 7, 62898-62911.	1.8	56
30	A Chimpanzee-Origin Adenovirus Vector Expressing the Rabies Virus Glycoprotein as an Oral Vaccine against Inhalation Infection with Rabies Virus. Molecular Therapy, 2006, 14, 662-672.	8.2	53
31	Multiple immunizations with adenovirus and MVA vectors improve CD8+ T cell functionality and mucosal homing. Virology, 2007, 367, 156-167.	2.4	53
32	T helper cell epitope of rabies virus nucleoprotein defined by tri- and tetrapeptides. European Journal of Immunology, 1991, 21, 1-10.	2.9	51
33	Self-complementary AAVs Induce More Potent Transgene Product-specific Immune Responses Compared to a Single-stranded Genome. Molecular Therapy, 2012, 20, 572-579.	8.2	45
34	Heterologous prime/boost immunizations of rhesus monkeys using chimpanzee adenovirus vectors. Vaccine, 2009, 27, 5837-5845.	3.8	44
35	The Effect of CpG Sequences on Capsid-Specific CD8+ T Cell Responses to AAV Vector Gene Transfer. Molecular Therapy, 2020, 28, 771-783.	8.2	44
36	A Preclinical Animal Model to Assess the Effect of Pre-existing Immunity on AAV-mediated Gene Transfer. Molecular Therapy, 2009, 17, 1215-1224.	8.2	41

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37	Mucosally Delivered E1-Deleted Adenoviral Vaccine Carriers Induce Transgene Product-Specific Antibody Responses in Neonatal Mice. Journal of Immunology, 2003, 171, 4287-4293.	0.8	34
38	A CD46-binding Chimpanzee Adenovirus Vector as a Vaccine Carrier. Molecular Therapy, 2007, 15, 608-617.	8.2	34
39	New Rabies Vaccines for Use in Humans. Vaccines, 2019, 7, 54.	4.4	32
40	Prime-boost vaccination with recombinant protein and adenovirus-vector expressing Plasmodium vivax circumsporozoite protein (CSP) partially protects mice against Pb/Pv sporozoite challenge. Scientific Reports, 2018, 8, 1118.	3.3	31
41	CD8+ T Cell Recognition of Epitopes Within the Capsid of Adeno-associated Virus 8â€“based Gene Transfer Vectors Depends on Vectorsâ€™ Genome. Molecular Therapy, 2014, 22, 42-51.	8.2	30
42	The effect of timing of influenza vaccination and sample collection on antibody titers and responses in the aged. Vaccine, 2017, 35, 3700-3708.	3.8	30
43	Targeting inhibitory pathways in cancer immunotherapy. Current Opinion in Immunology, 2010, 22, 385-390.	5.5	28
44	Vaccine-induced ICOS+CD38+ circulating Tfh are sensitive biosensors of age-related changes in inflammatory pathways. Cell Reports Medicine, 2021, 2, 100262.	6.5	26
45	Augmentation of Primary Influenza A Virus-Specific CD8+ T Cell Responses in Aged Mice through Blockade of an Immunoinhibitory Pathway. Journal of Immunology, 2010, 184, 5475-5484.	0.8	25
46	Immunogenicity of a Prime-Boost Vaccine Containing the Circumsporozoite Proteins of Plasmodium vivax in Rodents. Infection and Immunity, 2014, 82, 793-807.	2.2	25
47	Towards rabies elimination in the Asia-Pacific region: From theory to practice. Biologicals, 2020, 64, 83-95.	1.4	25
48	COVID-19 Vaccines Based on Adenovirus Vectors. Trends in Biochemical Sciences, 2021, 46, 429-430.	7.5	24
49	Immune response to influenza vaccination in the elderly is altered by chronic medication use. Immunity and Ageing, 2018, 15, 19.	4.2	23
50	Hexon-modified Recombinant E1-deleted Adenovirus Vectors as Dual Specificity Vaccine Carriers for Influenza Virus. Molecular Therapy, 2013, 21, 696-706.	8.2	22
51	Survivin-targeting Artificial MicroRNAs Mediated by Adenovirus Suppress Tumor Activity in Cancer Cells and Xenograft Models. Molecular Therapy - Nucleic Acids, 2014, 3, e208.	5.1	22
52	New human rabies vaccines in the pipeline. Vaccine, 2019, 37, A140-A145.	3.8	22
53	Avoiding preventable deaths: The scourge of counterfeit rabies vaccines. Vaccine, 2019, 37, 2285-2287.	3.8	22
54	The Effect of Adjuvanting Cancer Vaccines with Herpes Simplex Virus Glycoprotein D on Melanoma-Driven CD8+ T Cell Exhaustion. Journal of Immunology, 2014, 193, 1836-1846.	0.8	20

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55	Additional Progress in the Development and Application of a Direct, Rapid Immunohistochemical Test for Rabies Diagnosis. Veterinary Sciences, 2018, 5, 59.	1.7	17
56	PPARÎ± Agonist Fenofibrate Enhances Cancer Vaccine Efficacy. Cancer Research, 2021, 81, 4431-4440.	0.9	17
57	BTLA expression declines on B cells of the aged and is associated with low responsiveness to the trivalent influenza vaccine. Oncotarget, 2015, 6, 19445-19455.	1.8	16
58	The Effect of Rapamycin and Ibrutinib on Antibody Responses to Adeno-Associated Virus Vector-Mediated Gene Transfer. Human Gene Therapy, 2022, 33, 614-624.	2.7	16
59	Immunological biomarker discovery in cure regimens for chronic hepatitis B virus infection. Journal of Hepatology, 2022, 77, 525-538.	3.7	16
60	The effect of adenovirus-specific antibodies on adenoviral vector-induced, transgene product-specific T cell responses. Journal of Leukocyte Biology, 2014, 96, 821-831.	3.3	15
61	Obstacles to the successful development of an efficacious T cell-inducing HIV-1 vaccine. Journal of Leukocyte Biology, 2009, 86, 779-793.	3.3	14
62	Influenza Virus Specific CD8+T Cells Exacerbate Infection Following High Dose Influenza Challenge of Aged Mice. BioMed Research International, 2013, 2013, 1-14.	1.9	14
63	Antibody responses to primeâ€“boost vaccination with an HIV-1 gp145 envelope protein and chimpanzee adenovirus vectors expressing HIV-1 gp140. Aids, 2016, 30, 2405-2414.	2.2	14
64	Correlates of Protection Against SIVmac251 Infection in Rhesus Macaques Immunized With Chimpanzee-Derived Adenovirus Vectors. EBioMedicine, 2018, 31, 25-35.	6.1	13
65	Robust genital gagâ€specific CD8⁺ Tâ€cell responses in mice upon intramuscular immunization with simian adenoviral vectors expressing HIVâ€1â€gag. European Journal of Immunology, 2010, 40, 3426-3438.	2.9	12
66	Rapid, Efficient, and Modular Generation of Adenoviral Vectors via Isothermal Assembly. Current Protocols in Molecular Biology, 2016, 113, 16.26.1-16.26.18.	2.9	12
67	B cell responses to the 2011/12-influenza vaccine in the aged. Aging, 2013, 5, 209-226.	3.1	12
68	Potentiating vaccine immunogenicity by manipulating the HVEM/BTLA pathway and other co-stimulatory and co-inhibitory signals of the immune system. Hum Vaccin, 2009, 5, 6-14.	2.4	10
69	Effect of Preexisting Immunity to Adenovirus on Transgene Product-Specific Genital T Cell Responses on Vaccination of Mice With a Homologous Vector. Journal of Infectious Diseases, 2011, 203, 1073-1081.	4.0	9
70	Simian recombinant adenovirus delivered by the mucosal route modulates Î³Î´ T cells from murine genital tract. Vaccine, 2010, 28, 4600-4608.	3.8	8
71	Enhancement of recombinant adenovirus vaccine-induced primary but not secondary systemic and mucosal immune responses by all-trans retinoic acid. Vaccine, 2014, 32, 3386-3392.	3.8	8
72	Rabies Vaccines. , 2018, , 918-942.e12.		8

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73	Construction and Characterization of E1- and E3-Deleted Adenovirus Vectors Expressing Two Antigens from Two Separate Expression Cassettes. Human Gene Therapy, 2014, 25, 328-338.	2.7	7
74	Safety and immunogenicity of a potential checkpoint blockade vaccine for canine melanoma. Cancer Immunology, Immunotherapy, 2018, 67, 1533-1544.	4.2	7
75	Correlates of relative resistance against low-dose rectal simian immunodeficiency virus challenges in peripheral blood mononuclear cells of vaccinated rhesus macaques. Journal of Leukocyte Biology, 2012, 93, 437-448.	3.3	6
76	Vaccine Design: Replication-Defective Adenovirus Vectors. Methods in Molecular Biology, 2016, 1404, 329-349.	0.9	5
77	A One Medicine Mission for an Effective Rabies Therapy. Frontiers in Veterinary Science, 2022, 9, 867382.	2.2	4
78	A PartialE3Deletion in Replication-Defective Adenoviral Vectors Allows for Stable Expression of Potentially Toxic Transgene Products. Human Gene Therapy Methods, 2016, 27, 187-196.	2.1	3
79	Hepatitis B virus polymerase-specific T cell epitopes shift in a mouse model of chronic infection. Virology Journal, 2021, 18, 242.	3.4	2
80	Novel Rabies Vaccines. , 2020, , 155-180.		0