S M Mansour Haeryfar

List of Publications by Year
in descending order

84 papers	2,950 citations	236925 25 h-index	182427 51 g-index
84 all docs	84 docs citations	84 times ranked	4635 citing authors

#	Article	IF	Citations
1	MAIT cells accumulate in ovarian cancer-elicited ascites where they retain their capacity to respond to MR1 ligands and cytokine cues. Cancer Immunology, Immunotherapy, 2022, 71, 1259-1273.	4.2	5
2	Measles Virus Infects and Programs MAIT Cells for Apoptosis. Journal of Infectious Diseases, 2021, 223, 667-672.	4.0	19
3	Harnessing the Versatility of Invariant NKT Cells in a Stepwise Approach to Sepsis Immunotherapy. Journal of Immunology, 2021, 206, 386-397.	0.8	3
4	In Vivo Cytotoxicity by Î±-GalCer-transactivated NK Cells. Methods in Molecular Biology, 2021, 2388, 157-174.	0.9	2
5	Chronic stress physically spares but functionally impairs innate-like invariant TÂcells. Cell Reports, 2021, 35, 108979.	6.4	26
6	The HIV-1 accessory protein Nef increases surface expression of the checkpoint receptor Tim-3 in infected CD4+ T cells. Journal of Biological Chemistry, 2021, 297, 101042.	3.4	11
7	Physical restraint mouse models to assess immune responses under stress with or without habituation. STAR Protocols, 2021, 2, 100838.	1.2	4
8	A vesicular stomatitis virus-based prime-boost vaccination strategy induces potent and protective neutralizing antibodies against SARS-CoV-2. PLoS Pathogens, 2021, 17, e1010092.	4.7	12
9	MAIT Cells in COVID-19: Heroes, Villains, or Both?. Critical Reviews in Immunology, 2020, 40, 173-184.	0.5	10
10	Leveraging Public Single-Cell and Bulk Transcriptomic Datasets to Delineate MAIT Cell Roles and Phenotypic Characteristics in Human Malignancies. Frontiers in Immunology, 2020, 11, 1691.	4.8	27
11	Discordant rearrangement of primary and anamnestic CD8+ T cell responses to influenza A viral epitopes upon exposure to bacterial superantigens: Implications for prophylactic vaccination, heterosubtypic immunity and superinfections. PLoS Pathogens, 2020, 16, e1008393.	4.7	5
12	Opposing Roles for the Related ETS-Family Transcription Factors Spi-B and Spi-C in Regulating B Cell Differentiation and Function. Frontiers in Immunology, 2020, 11, 841.	4.8	15
13	On invariant T cells and measles: A theory of â€œinnate immune amnesiaâ€• PLoS Pathogens, 2020, 16, e1009071.	4.7	5
14	Title is missing!. , 2020, 16, e1008393.		0
15	Title is missing!. , 2020, 16, e1008393.		0
16	Title is missing!. , 2020, 16, e1008393.		0
17	Title is missing!. , 2020, 16, e1008393.		0
18	Glycolipid Stimulation of Invariant NKT Cells Expands a Unique Tissue-Resident Population of Precursors to Mature NK Cells Endowed with Oncolytic and Antimetastatic Properties. Journal of Immunology, 2019, 203, 1808-1819.	0.8	6

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19	Stress-elicited glucocorticoid receptor signaling upregulates TIGIT in innate-like invariant T lymphocytes. Brain, Behavior, and Immunity, 2019, 80, 793-804.	4.1	20
20	Tailoring In Vivo Cytotoxicity Assays to Study Immunodominance in Tumor-specific CD8⁺ T Cell Responses. Journal of Visualized Experiments, 2019, , .	0.3	3
21	Cell Intrinsic Deregulated ÃŸ-Catenin Signaling Promotes Expansion of Bone Marrow Derived Connective Tissue Type Mast Cells, Systemic Inflammation, and Colon Cancer. Frontiers in Immunology, 2019, 10, 2777.	4.8	9
22	Bacterial Superantigens Expand and Activate, Rather than Delete or Incapacitate, Preexisting Antigen-Specific Memory CD8+ T Cells. Journal of Infectious Diseases, 2019, 219, 1307-1317.	4.0	14
23	Mucosa-associated invariant T cells in malignancies: a faithful friend or formidable foe?. Cancer Immunology, Immunotherapy, 2018, 67, 1885-1896.	4.2	53
24	MAIT cell-mediated cytotoxicity: Roles in host defense and therapeutic potentials in infectious diseases and cancer. Journal of Leukocyte Biology, 2018, 104, 473-486.	3.3	42
25	Identification of Novel Subcellular Localization and Trafficking of HIV-1 Nef Variants from Reference Strains G (F1.93.HH8793) and H (BE.93.VI997). Viruses, 2018, 10, 493.	3.3	0
26	Therapeutic control of leishmaniasis by inhibitors of the mammalian target of rapamycin. PLoS Neglected Tropical Diseases, 2018, 12, e0006701.	3.0	27
27	Manipulation of Innate and Adaptive Immunity by Staphylococcal Superantigens. Pathogens, 2018, 7, 53.	2.8	80
28	PD-1/PD-L1 co-inhibition shapes anticancer T cell immunodominance: facing the consequences of an immunological mÃ©nage Ã trois. Cancer Immunology, Immunotherapy, 2018, 67, 1669-1672.	4.2	1
29	Cathepsin B Plays a Key Role in Optimal Production of the Influenza A- Virus. Journal of Virology & Antiviral Research, 2018, 07, 1-20.	0.1	17
30	Invariant NKT cells are pathogenic in the HLA-DR4-transgenic humanized mouse model of toxic shock syndrome and can be targeted to reduce morbidity. Journal of Infectious Diseases, 2017, 215, jiw646.	4.0	13
31	Rapid and Rigorous IL-17A Production by a Distinct Subpopulation of Effector Memory T Lymphocytes Constitutes a Novel Mechanism of Toxic Shock Syndrome Immunopathology. Journal of Immunology, 2017, 198, 2805-2818.	0.8	35
32	The interaction between HIV-1 Nef and adaptor protein-2 reduces Nef-mediated CD4+ T cell apoptosis. Virology, 2017, 509, 1-10.	2.4	15
33	PD-1 Blockade Promotes Epitope Spreading in Anticancer CD8+ T Cell Responses by Preventing Fratricidal Death of Subdominant Clones To Relieve Immunodomination. Journal of Immunology, 2017, 199, 3348-3359.	0.8	54
34	Mucosa-associated invariant T cells infiltrate hepatic metastases in patients with colorectal carcinoma but are rendered dysfunctional within and adjacent to tumor microenvironment. Cancer Immunology, Immunotherapy, 2017, 66, 1563-1575.	4.2	59
35	Nasopharyngeal infection byStreptococcus pyogenesrequires superantigen-responsive Vî²-specific T cells. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10226-10231.	7.1	55
36	MAIT cells launch a rapid, robust and distinct hyperinflammatory response to bacterial superantigens and quickly acquire an anergic phenotype that impedes their cognate antimicrobial function: Defining a novel mechanism of superantigen-induced immunopathology and immunosuppression. PLoS Biology, 2017, 15, e2001930.	5.6	126

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37	The Future Liver Remnant in Patients Undergoing the Associating Liver Partition with Portal Vein Ligation for Staged Hepatectomy Maintains the Immunological Components of a Healthy Organ. Frontiers in Medicine, 2016, 3, 32.	2.6	2
38	Synthesis, self-assembly, and immunological activity of Î±-galactose-functionalized dendronâ€“lipid amphiphiles. Nanoscale, 2016, 8, 17694-17704.	5.6	11
39	A Highly Conserved Residue in HIV-1 Nef Alpha Helix 2 Modulates Protein Expression. MSphere, 2016, 1, .	2.9	12
40	Quantification of Alloantibody-Mediated Cytotoxicity In Vivo. Transplantation, 2016, 100, 1041-1051.	1.0	6
41	Swift Intrahepatic Accumulation of Granulocytic Myeloid-Derived Suppressor Cells in a Humanized Mouse Model of Toxic Shock Syndrome. Journal of Infectious Diseases, 2016, 213, 1990-1995.	4.0	12
42	Nasopharyngeal Infection of Mice with Streptococcus pyogenes and In Vivo Detection of Superantigen Activity. Methods in Molecular Biology, 2016, 1396, 95-107.	0.9	9
43	CD1d- and MR1-Restricted T Cells in Sepsis. Frontiers in Immunology, 2015, 6, 401.	4.8	30
44	Editorial: CD1- and MR1-Restricted T Cells in Antimicrobial Immunity. Frontiers in Immunology, 2015, 6, 611.	4.8	10
45	Viral Bimolecular Fluorescence Complementation: A Novel Tool to Study Intracellular Vesicular Trafficking Pathways. PLoS ONE, 2015, 10, e0125619.	2.5	14
46	Functions of invariant NK T cells are modulated by TLR ligands and IFN-Î±. Innate Immunity, 2015, 21, 275-288.	2.4	15
47	Bacterial Superantigens Promote Acute Nasopharyngeal Infection by Streptococcus pyogenes in a Human MHC Class II-Dependent Manner. PLoS Pathogens, 2014, 10, e1004155.	4.7	84
48	Risk factors for mortality among patients with Staphylococcus aureus bacteremia: a single-centre retrospective cohort study. CMAJ Open, 2014, 2, E352-E359.	2.4	13
49	Superantigens Subvert the Neutrophil Response To Promote Abscess Formation and Enhance Staphylococcus aureus SurvivalIn Vivo. Infection and Immunity, 2014, 82, 3588-3598.	2.2	46
50	Interferon-induced HERC5 is evolving under positive selection and inhibits HIV-1 particle production by a novel mechanism targeting Rev/RRE-dependent RNA nuclear export. Retrovirology, 2014, 11, 27.	2.0	28
51	A robust scoring system to evaluate sepsis severity in an animal model. BMC Research Notes, 2014, 7, 233.	1.4	302
52	Suppression of Immunodominant Antitumor and Antiviral CD8+ T Cell Responses by Indoleamine 2,3-Dioxygenase. PLoS ONE, 2014, 9, e90439.	2.5	10
53	Control of Established Colon Cancer Xenografts Using a Novel Humanized Single Chain Antibody-Streptococcal Superantigen Fusion Protein Targeting the 5T4 Oncofetal Antigen. PLoS ONE, 2014, 9, e95200.	2.5	10
54	Multifunctional Dendritic Sialopolymersomes as Potential Antiviral Agents: Their Lectin Binding and Drug Release Properties. Langmuir, 2013, 29, 6420-6428.	3.5	36

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55	Preventing and curing citrullineâ€induced autoimmune arthritis in a humanized mouse model using a Th2â€polarizing i NKT cell agonist. Immunology and Cell Biology, 2012, 90, 630-639.	2.3	9
56	Costimulatory activation of murine invariant natural killer T cells by toll-like receptor agonists. Cellular Immunology, 2012, 277, 33-43.	3.0	19
57	CD1dâ€independent activation of mouse and human iNKT cells by bacterial superantigens. Immunology and Cell Biology, 2012, 90, 699-709.	2.3	44
58	Differential Regulation of Simultaneous Antitumor and Alloreactive CD8+ T-Cell Responses in the Same Host by Rapamycin. American Journal of Transplantation, 2012, 12, 233-239.	4.7	6
59	NKT cell costimulation: experimental progress and therapeutic promise. Trends in Molecular Medicine, 2011, 17, 65-77.	6.7	55
60	Engagement of glycosylphosphatidylinositol-anchored proteins results in enhanced mouse and human invariant natural killer T cell responses. Immunology, 2011, 132, 361-375.	4.4	10
61	Abstract C225: Differential regulation of simultaneous antitumor and alloreactive CD8+ T cell responses in the same host by rapamycin.. , 2011, , .		0
62	CTLAâ€4Ig blocks the development and progression of citrullinated fibrinogenâ€“induced arthritis in DR4â€transgenic mice. Arthritis and Rheumatism, 2010, 62, 2941-2952.	6.7	18
63	Characterization of Host Responses against a Recombinant Fowlpox Virus-Vectored Vaccine Expressing the Hemagglutinin Antigen of an Avian Influenza Virus. Vaccine Journal, 2010, 17, 454-463.	3.1	27
64	Negative modulation of invariant natural killer T cell responses to glycolipid antigens by p38 MAP kinase. International Immunopharmacology, 2010, 10, 1068-1076.	3.8	8
65	Attenuation of massive cytokine response to the staphylococcal enterotoxin B superantigen by the innate immunomodulatory protein lactoferrin. Clinical and Experimental Immunology, 2009, 157, 60-70.	2.6	27
66	Toll-like receptor 2 ligands on the staphylococcal cell wall downregulate superantigen-induced T cell activation and prevent toxic shock syndrome. Nature Medicine, 2009, 15, 641-648.	30.7	121
67	Identification of a Dual-Specific T Cell Epitope of the Hemagglutinin Antigen of an H5 Avian Influenza Virus in Chickens. PLoS ONE, 2009, 4, e7772.	2.5	26
68	Altered Immunodominance Hierarchies of Influenza A Virus-Specific H-2^b-Restricted CD8⁺T Cells in the Absence of Terminal Deoxynucleotidyl Transferase. Immunological Investigations, 2008, 37, 714-725.	2.0	9
69	Terminal Deoxynucleotidyl Transferase Establishes and Broadens Antiviral CD8+ T Cell Immunodominance Hierarchies. Journal of Immunology, 2008, 181, 649-659.	0.8	32
70	Dendritic Cell Differentiation Induced by a Self-Peptide Derived from Apolipoprotein E. Journal of Immunology, 2008, 181, 6859-6871.	0.8	16
71	Prolongation of Cardiac Allograft Survival by Rapamycin and the Invariant Natural Killer T Cell Glycolipid Agonist OCH. Transplantation, 2008, 86, 460-468.	1.0	14
72	Invariant natural killer T cells in immune surveillance and tumor immunotherapy: perspectives and potentials. Archives of Iranian Medicine, 2008, 11, 186-95.	0.6	5

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73	Antibody blockade of Thyâ€1 (CD90) impairs mouse cytotoxic T lymphocyte induction by antiâ€CD3 monoclonal antibody. Immunology and Cell Biology, 2005, 83, 352-363.	2.3	16
74	Regulatory T Cells Suppress CD8+T Cell Responses Induced by Direct Priming and Cross-Priming and Moderate Immunodominance Disparities. Journal of Immunology, 2005, 174, 3344-3351.	0.8	115
75	Identification of poxvirus CD8+ T cell determinants to enable rational design and characterization of smallpox vaccines. Journal of Experimental Medicine, 2005, 201, 95-104.	8.5	286
76	UNDERSTANDING PRESENTATION OF VIRAL ANTIGENS TO CD8+ T CELLS IN VIVO: The Key to Rational Vaccine Design. Annual Review of Immunology, 2005, 23, 651-682.	21.8	196
77	The importance of being a pDC in antiviral immunity: the IFN mission versus Ag presentation?. Trends in Immunology, 2005, 26, 311-317.	6.8	36
78	Thy-1: More than a Mouse Pan-T Cell Marker. Journal of Immunology, 2004, 173, 3581-3588.	0.8	149
79	CD2â€“CD48 interactions promote interleukin-2 and interferon-Î³ synthesis by stabilizing cytokine mRNA. Cellular Immunology, 2004, 229, 1-12.	3.0	15
80	Cross-priming of CD8+ Tâ€„cells by viral and tumor antigens is a robust phenomenon. European Journal of Immunology, 2004, 34, 194-199.	2.9	77
81	Exposure to paclitaxel or vinblastine down-regulates CD11a and CD54 expression by P815 mastocytoma cells and renders the tumor cells resistant to killing by nonspecific cytotoxic T lymphocytes induced with anti-CD3 antibody. Cancer Immunology, Immunotherapy, 2003, 52, 185-193.	4.2	8
82	Cutting Edge: Dendritic Cell Actin Cytoskeletal Polarization during Immunological Synapse Formation Is Highly Antigen-Dependent. Journal of Immunology, 2003, 171, 4479-4483.	0.8	91
83	Thy-1 Signaling in the Context of Costimulation Provided by Dendritic Cells Provides Signal 1 for T Cell Proliferation and Cytotoxic Effector Molecule Expression, but Fails to Trigger Delivery of the Lethal Hit. Journal of Immunology, 2003, 171, 69-77.	0.8	24
84	Adenosine acts through an A3 receptor to prevent the induction of murine anti-CD3-activated killer T cells. International Journal of Cancer, 2002, 99, 386-395.	5.1	68