

S M Mansour Haeryfar

List of Publications by Year in descending order

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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	A robust scoring system to evaluate sepsis severity in an animal model. BMC Research Notes, 2014, 7, 233.	1.4	302
2	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
3	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
4	Thy-1: More than a Mouse Pan-T Cell Marker. Journal of Immunology, 2004, 173, 3581-3588.	0.8	149
5	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
6	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
7	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
8	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
9	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
10	Manipulation of Innate and Adaptive Immunity by Staphylococcal Superantigens. Pathogens, 2018, 7, 53.	2.8	80
11	Cross-priming of CD8+ T cells by viral and tumor antigens is a robust phenomenon. European Journal of Immunology, 2004, 34, 194-199.	2.9	77
12	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
13	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
14	NKT cell costimulation: experimental progress and therapeutic promise. Trends in Molecular Medicine, 2011, 17, 65-77.	6.7	55
15	Nasopharyngeal infection by <i>Streptococcus pyogenes</i> requires superantigen-responsive Vβ2-specific T cells. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10226-10231.	7.1	55
16	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
17	Mucosa-associated invariant T cells in malignancies: a faithful friend or formidable foe?. Cancer Immunology, Immunotherapy, 2018, 67, 1885-1896.	4.2	53
18	Superantigens Subvert the Neutrophil Response To Promote Abscess Formation and Enhance Staphylococcus aureus Survival <i>In Vivo</i> . Infection and Immunity, 2014, 82, 3588-3598.	2.2	46

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19	CD1d-independent activation of mouse and human iNKT cells by bacterial superantigens. <i>Immunology and Cell Biology</i> , 2012, 90, 699-709.	2.3	44
20	MAIT cell-mediated cytotoxicity: Roles in host defense and therapeutic potentials in infectious diseases and cancer. <i>Journal of Leukocyte Biology</i> , 2018, 104, 473-486.	3.3	42
21	The importance of being a pDC in antiviral immunity: the IFN mission versus Ag presentation?. <i>Trends in Immunology</i> , 2005, 26, 311-317.	6.8	36
22	Multifunctional Dendritic Sialopolymersomes as Potential Antiviral Agents: Their Lectin Binding and Drug Release Properties. <i>Langmuir</i> , 2013, 29, 6420-6428.	3.5	36
23	Rapid and Rigorous IL-17A Production by a Distinct Subpopulation of Effector Memory T Lymphocytes Constitutes a Novel Mechanism of Toxic Shock Syndrome Immunopathology. <i>Journal of Immunology</i> , 2017, 198, 2805-2818.	0.8	35
24	Terminal Deoxynucleotidyl Transferase Establishes and Broadens Antiviral CD8+ T Cell Immunodominance Hierarchies. <i>Journal of Immunology</i> , 2008, 181, 649-659.	0.8	32
25	CD1d- and MR1-Restricted T Cells in Sepsis. <i>Frontiers in Immunology</i> , 2015, 6, 401.	4.8	30
26	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. <i>Retrovirology</i> , 2014, 11, 27.	2.0	28
27	Attenuation of massive cytokine response to the staphylococcal enterotoxin B superantigen by the innate immunomodulatory protein lactoferrin. <i>Clinical and Experimental Immunology</i> , 2009, 157, 60-70.	2.6	27
28	Characterization of Host Responses against a Recombinant Fowlpox Virus-Vectored Vaccine Expressing the Hemagglutinin Antigen of an Avian Influenza Virus. <i>Vaccine Journal</i> , 2010, 17, 454-463.	3.1	27
29	Therapeutic control of leishmaniasis by inhibitors of the mammalian target of rapamycin. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006701.	3.0	27
30	Leveraging Public Single-Cell and Bulk Transcriptomic Datasets to Delineate MAIT Cell Roles and Phenotypic Characteristics in Human Malignancies. <i>Frontiers in Immunology</i> , 2020, 11, 1691.	4.8	27
31	Chronic stress physically spares but functionally impairs innate-like invariant T cells. <i>Cell Reports</i> , 2021, 35, 108979.	6.4	26
32	Identification of a Dual-Specific T Cell Epitope of the Hemagglutinin Antigen of an H5 Avian Influenza Virus in Chickens. <i>PLoS ONE</i> , 2009, 4, e7772.	2.5	26
33	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. <i>Journal of Immunology</i> , 2003, 171, 69-77.	0.8	24
34	Stress-elicited glucocorticoid receptor signaling upregulates TIGIT in innate-like invariant T lymphocytes. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 793-804.	4.1	20
35	Costimulatory activation of murine invariant natural killer T cells by toll-like receptor agonists. <i>Cellular Immunology</i> , 2012, 277, 33-43.	3.0	19
36	Measles Virus Infects and Programs MAIT Cells for Apoptosis. <i>Journal of Infectious Diseases</i> , 2021, 223, 667-672.	4.0	19

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37	CTLA4Ig blocks the development and progression of citrullinated fibrinogen-induced arthritis in DR4-transgenic mice. <i>Arthritis and Rheumatism</i> , 2010, 62, 2941-2952.	6.7	18
38	Cathepsin B Plays a Key Role in Optimal Production of the Influenza A- Virus. <i>Journal of Virology & Antiviral Research</i> , 2018, 07, 1-20.	0.1	17
39	Antibody blockade of Thy1 (CD90) impairs mouse cytotoxic T lymphocyte induction by anti-CD3 monoclonal antibody. <i>Immunology and Cell Biology</i> , 2005, 83, 352-363.	2.3	16
40	Dendritic Cell Differentiation Induced by a Self-Peptide Derived from Apolipoprotein E. <i>Journal of Immunology</i> , 2008, 181, 6859-6871.	0.8	16
41	CD2-CD48 interactions promote interleukin-2 and interferon- γ synthesis by stabilizing cytokine mRNA. <i>Cellular Immunology</i> , 2004, 229, 1-12.	3.0	15
42	Functions of invariant NK T cells are modulated by TLR ligands and IFN- γ . <i>Innate Immunity</i> , 2015, 21, 275-288.	2.4	15
43	The interaction between HIV-1 Nef and adaptor protein-2 reduces Nef-mediated CD4+ T cell apoptosis. <i>Virology</i> , 2017, 509, 1-10.	2.4	15
44	Opposing Roles for the Related ETS-Family Transcription Factors Spi-B and Spi-C in Regulating B Cell Differentiation and Function. <i>Frontiers in Immunology</i> , 2020, 11, 841.	4.8	15
45	Prolongation of Cardiac Allograft Survival by Rapamycin and the Invariant Natural Killer T Cell Glycolipid Agonist OCH. <i>Transplantation</i> , 2008, 86, 460-468.	1.0	14
46	Viral Bimolecular Fluorescence Complementation: A Novel Tool to Study Intracellular Vesicular Trafficking Pathways. <i>PLoS ONE</i> , 2015, 10, e0125619.	2.5	14
47	Bacterial Superantigens Expand and Activate, Rather than Delete or Incapacitate, Preexisting Antigen-Specific Memory CD8+ T Cells. <i>Journal of Infectious Diseases</i> , 2019, 219, 1307-1317.	4.0	14
48	Risk factors for mortality among patients with Staphylococcus aureus bacteremia: a single-centre retrospective cohort study. <i>CMAJ Open</i> , 2014, 2, E352-E359.	2.4	13
49	Invariant NKT cells are pathogenic in the HLA-DR4-transgenic humanized mouse model of toxic shock syndrome and can be targeted to reduce morbidity. <i>Journal of Infectious Diseases</i> , 2017, 215, jiw646.	4.0	13
50	A Highly Conserved Residue in HIV-1 Nef Alpha Helix 2 Modulates Protein Expression. <i>MSphere</i> , 2016, 1, .	2.9	12
51	Swift Intrahepatic Accumulation of Granulocytic Myeloid-Derived Suppressor Cells in a Humanized Mouse Model of Toxic Shock Syndrome. <i>Journal of Infectious Diseases</i> , 2016, 213, 1990-1995.	4.0	12
52	A vesicular stomatitis virus-based prime-boost vaccination strategy induces potent and protective neutralizing antibodies against SARS-CoV-2. <i>PLoS Pathogens</i> , 2021, 17, e1010092.	4.7	12
53	Synthesis, self-assembly, and immunological activity of β -galactose-functionalized dendron-lipid amphiphiles. <i>Nanoscale</i> , 2016, 8, 17694-17704.	5.6	11
54	The HIV-1 accessory protein Nef increases surface expression of the checkpoint receptor Tim-3 in infected CD4+ T cells. <i>Journal of Biological Chemistry</i> , 2021, 297, 101042.	3.4	11

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55	Engagement of glycosylphosphatidylinositol-anchored proteins results in enhanced mouse and human invariant natural killer T cell responses. <i>Immunology</i> , 2011, 132, 361-375.	4.4	10
56	Editorial: CD1- and MR1-Restricted T Cells in Antimicrobial Immunity. <i>Frontiers in Immunology</i> , 2015, 6, 611.	4.8	10
57	MAIT Cells in COVID-19: Heroes, Villains, or Both?. <i>Critical Reviews in Immunology</i> , 2020, 40, 173-184.	0.5	10
58	Suppression of Immunodominant Antitumor and Antiviral CD8+ T Cell Responses by Indoleamine 2,3-Dioxygenase. <i>PLoS ONE</i> , 2014, 9, e90439.	2.5	10
59	Control of Established Colon Cancer Xenografts Using a Novel Humanized Single Chain Antibody-Streptococcal Superantigen Fusion Protein Targeting the 5T4 Oncofetal Antigen. <i>PLoS ONE</i> , 2014, 9, e95200.	2.5	10
60	Altered Immunodominance Hierarchies of Influenza A Virus-Specific H-2 ^b -Restricted CD8 ⁺ T Cells in the Absence of Terminal Deoxynucleotidyl Transferase. <i>Immunological Investigations</i> , 2008, 37, 714-725.	2.0	9
61	Preventing and curing citrulline-induced autoimmune arthritis in a humanized mouse model using a Th2-polarizing i NKT cell agonist. <i>Immunology and Cell Biology</i> , 2012, 90, 630-639.	2.3	9
62	Cell Intrinsic Deregulated β -Catenin Signaling Promotes Expansion of Bone Marrow Derived Connective Tissue Type Mast Cells, Systemic Inflammation, and Colon Cancer. <i>Frontiers in Immunology</i> , 2019, 10, 2777.	4.8	9
63	Nasopharyngeal Infection of Mice with <i>Streptococcus pyogenes</i> and In Vivo Detection of Superantigen Activity. <i>Methods in Molecular Biology</i> , 2016, 1396, 95-107.	0.9	9
64	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. <i>Cancer Immunology, Immunotherapy</i> , 2003, 52, 185-193.	4.2	8
65	Negative modulation of invariant natural killer T cell responses to glycolipid antigens by p38 MAP kinase. <i>International Immunopharmacology</i> , 2010, 10, 1068-1076.	3.8	8
66	Differential Regulation of Simultaneous Antitumor and Alloreactive CD8+ T-Cell Responses in the Same Host by Rapamycin. <i>American Journal of Transplantation</i> , 2012, 12, 233-239.	4.7	6
67	Quantification of Alloantibody-Mediated Cytotoxicity In Vivo. <i>Transplantation</i> , 2016, 100, 1041-1051.	1.0	6
68	Glycolipid Stimulation of Invariant NKT Cells Expands a Unique Tissue-Resident Population of Precursors to Mature NK Cells Endowed with Oncolytic and Antimetastatic Properties. <i>Journal of Immunology</i> , 2019, 203, 1808-1819.	0.8	6
69	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. <i>PLoS Pathogens</i> , 2020, 16, e1008393.	4.7	5
70	On invariant T cells and measles: A theory of "innate immune amnesia". <i>PLoS Pathogens</i> , 2020, 16, e1009071.	4.7	5
71	MAIT cells accumulate in ovarian cancer-elicited ascites where they retain their capacity to respond to MR1 ligands and cytokine cues. <i>Cancer Immunology, Immunotherapy</i> , 2022, 71, 1259-1273.	4.2	5
72	Invariant natural killer T cells in immune surveillance and tumor immunotherapy: perspectives and potentials. <i>Archives of Iranian Medicine</i> , 2008, 11, 186-95.	0.6	5

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73	Physical restraint mouse models to assess immune responses under stress with or without habituation. STAR Protocols, 2021, 2, 100838.	1.2	4
74	Tailoring In Vivo Cytotoxicity Assays to Study Immunodominance in Tumor-specific CD8 ⁺ T Cell Responses. Journal of Visualized Experiments, 2019, , .	0.3	3
75	Harnessing the Versatility of Invariant NKT Cells in a Stepwise Approach to Sepsis Immunotherapy. Journal of Immunology, 2021, 206, 386-397.	0.8	3
76	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
77	In Vivo Cytotoxicity by $\hat{\pm}$ -GalCer-transactivated NK Cells. Methods in Molecular Biology, 2021, 2388, 157-174.	0.9	2
78	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
79	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
80	Abstract C225: Differential regulation of simultaneous antitumor and alloreactive CD8+ T cell responses in the same host by rapamycin.. , 2011, , .		0
81	Title is missing!. , 2020, 16, e1008393.		0
82	Title is missing!. , 2020, 16, e1008393.		0
83	Title is missing!. , 2020, 16, e1008393.		0
84	Title is missing!. , 2020, 16, e1008393.		0