

Craig T Morita

List of Publications by Year in descending order

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70
papers

8,945
citations

66315

42
h-index

102432

66
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71
all docs

71
docs citations

71
times ranked

5890
citing authors

#	ARTICLE	IF	CITATIONS
1	Recognition of a lipid antigen by CD1-restricted $\hat{I}\hat{E}^+$ T cells. <i>Nature</i> , 1994, 372, 691-694.	13.7	962
2	Natural and synthetic non-peptide antigens recognized by human $\hat{I}\hat{E}$ T cells. <i>Nature</i> , 1995, 375, 155-158.	13.7	959
3	CD1b restricts the response of human CD4 ⁺ 8 ⁺ T lymphocytes to a microbial antigen. <i>Nature</i> , 1992, 360, 593-597.	13.7	574
4	Evidence for extrathymic changes in the T cell receptor gamma/delta repertoire.. <i>Journal of Experimental Medicine</i> , 1990, 171, 1597-1612.	4.2	500
5	Direct presentation of nonpeptide prenyl pyrophosphate antigens to human $\hat{I}\hat{E}$ T cells. <i>Immunity</i> , 1995, 3, 495-507.	6.6	453
6	MICA Engagement by Human $\hat{V}\hat{I}^2\hat{V}\hat{I}^2$ T Cells Enhances Their Antigen-Dependent Effector Function. <i>Immunity</i> , 2001, 15, 83-93.	6.6	398
7	Nonpeptide antigens, presentation mechanisms, and immunological memory of human $\hat{V}\hat{I}^2\hat{V}\hat{I}^2$ T cells: discriminating friend from foe through the recognition of prenyl pyrophosphate antigens. <i>Immunological Reviews</i> , 2007, 215, 59-76.	2.8	386
8	Nonpeptide ligands for human gamma delta T cells.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 8175-8179.	3.3	369
9	Adaptive Immune Response of $\hat{V}\hat{I}^2\hat{V}\hat{I}^2$ T Cells During Mycobacterial Infections. <i>Science</i> , 2002, 295, 2255-2258.	6.0	355
10	Human $\hat{I}\hat{E}$ T Cells Recognize Alkylamines Derived from Microbes, Edible Plants, and Tea. <i>Immunity</i> , 1999, 11, 57-65.	6.6	347
11	Self-Recognition of Cd1 by $\hat{I}\hat{E}$ T Cells. <i>Journal of Experimental Medicine</i> , 2000, 191, 937-948.	4.2	345
12	The Syk family of protein tyrosine kinases in T-cell activation and development. <i>Immunological Reviews</i> , 1998, 165, 167-180.	2.8	242
13	CD1-mediated $\hat{I}\hat{E}$ T Cell Maturation of Dendritic Cells. <i>Journal of Experimental Medicine</i> , 2002, 196, 1575-1584.	4.2	194
14	Cytokine Requirements for the Differentiation and Expansion of IL-17A ⁺ and IL-22 ⁺ Producing Human $\hat{V}\hat{I}^2\hat{V}\hat{I}^2$ T Cells. <i>Journal of Immunology</i> , 2010, 184, 7268-7280.	0.4	169
15	Flexible migration program regulates $\hat{I}\hat{E}$ T-cell involvement in humoral immunity. <i>Blood</i> , 2003, 102, 3693-3701.	0.6	158
16	Antigen recognition by human $\hat{I}\hat{E}$ T cells: pattern recognition by the adaptive immune system. <i>Seminars in Immunopathology</i> , 2000, 22, 191-217.	4.0	153
17	Butyrophilin 3A1 Plays an Essential Role in Prenyl Pyrophosphate Stimulation of Human $\hat{V}\hat{I}^2\hat{V}\hat{I}^2$ T Cells. <i>Journal of Immunology</i> , 2013, 191, 1029-1042.	0.4	142
18	Quantitative Structure-Activity Relationships for $\hat{I}\hat{E}$ T Cell Activation by Bisphosphonates. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 375-384.	2.9	114

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19	VÎ ³ 2VÎ ² T Cell Receptor Recognition of Prenyl Pyrophosphates Is Dependent on All CDRs. <i>Journal of Immunology</i> , 2010, 184, 6209-6222.	0.4	107
20	Functionally distinct subsets of human Î ³ /Î ⁷ T cells. <i>European Journal of Immunology</i> , 1991, 21, 2999-3007.	1.6	106
21	Evidence for clonal selection of gamma/delta T cells in response to a human pathogen.. <i>Journal of Experimental Medicine</i> , 1991, 174, 683-692.	4.2	92
22	Preferential recognition of a microbial metabolite by human VÎ ³ 2VÎ ² T cells. <i>International Immunology</i> , 2007, 19, 657-673.	1.8	91
23	T-cell recognition of non-peptide antigens. <i>Current Opinion in Immunology</i> , 1996, 8, 510-516.	2.4	89
24	fldA is an essential gene required in the 2-C-methyl-D-erythritol 4-phosphate pathway for isoprenoid biosynthesis. <i>FEBS Letters</i> , 2005, 579, 3802-3806.	1.3	79
25	Indirect Stimulation of Human VÎ ³ 2VÎ ² T Cells through Alterations in Isoprenoid Metabolism. <i>Journal of Immunology</i> , 2011, 187, 5099-5113.	0.4	79
26	Pyridinium-1-yl Bisphosphonates Are Potent Inhibitors of Farnesyl Diphosphate Synthase and Bone Resorption. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 2957-2963.	2.9	77
27	Structural Features of Nonpeptide Prenyl Pyrophosphates That Determine Their Antigenicity for Human Î ³ /Î ⁷ T Cells. <i>Journal of Immunology</i> , 2001, 167, 36-41.	0.4	74
28	Sensor Function for Butyrophilin 3A1 in Prenyl Pyrophosphate Stimulation of Human VÎ ³ 2VÎ ² T Cells. <i>Journal of Immunology</i> , 2015, 195, 4583-4594.	0.4	74
29	Transendothelial chemotaxis of human Î ¹ Î ² and Î ³ /Î ⁷ T lymphocytes to chemokines. <i>European Journal of Immunology</i> , 1998, 28, 104-113.	1.6	69
30	Interactions of human alpha/beta and gamma/delta T lymphocyte subsets in shear flow with E-selectin and P-selectin.. <i>Journal of Experimental Medicine</i> , 1996, 183, 1193-1203.	4.2	66
31	Lipophilic Pyridinium Bisphosphonates: Potent Î ³ /Î ⁷ T Cell Stimulators. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1136-1138.	7.2	63
32	Recognition of nonpeptide prenyl pyrophosphate antigens by human Î ³ /Î ⁷ T cells. <i>Microbes and Infection</i> , 1999, 1, 175-186.	1.0	62
33	Phosphonosulfonates Are Potent, Selective Inhibitors of Dehydrosqualene Synthase and Staphyloxanthin Biosynthesis in <i>Staphylococcus aureus</i> . <i>Journal of Medicinal Chemistry</i> , 2009, 52, 976-988.	2.9	59
34	Regulation and function of IL-17A- and IL-22-producing Î ³ /Î ⁷ T cells. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 2371-2390.	2.4	58
35	Zoledronic acid-induced expansion of Î ³ /Î ⁷ T cells from early-stage breast cancer patients: effect of IL-18 on helper NK cells. <i>Cancer Immunology, Immunotherapy</i> , 2013, 62, 677-687.	2.0	55
36	Conservation of Nonpeptide Antigen Recognition by Rhesus Monkey VÎ ³ 2VÎ ² T Cells. <i>Journal of Immunology</i> , 2003, 170, 3696-3706.	0.4	52

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37	Isoprenoid Biosynthesis as a Drug Target: A Bisphosphonate Inhibition of Escherichia coli K12 Growth and Synergistic Effects of Fosmidomycin. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 7331-7341.	2.9	52
38	Superantigen Recognition by $\hat{I}\hat{3}\hat{I}$ T Cells. <i>Immunity</i> , 2001, 14, 331-344.	6.6	50
39	Comparison of $\hat{I}\hat{3}\hat{I}$ T cell responses and farnesyl diphosphate synthase inhibition in tumor cells pretreated with zoledronic acid. <i>Cancer Science</i> , 2013, 104, 536-542.	1.7	50
40	Photoaffinity Antigens for Human $\hat{I}\hat{3}\hat{I}$ T Cells. <i>Journal of Immunology</i> , 2008, 181, 7738-7750.	0.4	49
41	Enhancing adoptive cancer immunotherapy with $\hat{V}\hat{I}^3\hat{2}\hat{V}\hat{I}^2$ T cells through pulse zoledronate stimulation. , 2017, 5, 9.		49
42	Anti-Tumor Activity and Immunotherapeutic Potential of a Bisphosphonate Prodrug. <i>Scientific Reports</i> , 2017, 7, 5987.	1.6	49
43	Direct presentation of non-peptide prenyl pyrophosphate antigens to human $\hat{I}\hat{3}\hat{I}$ T cells. <i>Research in Immunology</i> , 1996, 147, 347-353.	0.9	48
44	Calmodulin kinase II regulates the maturation and antigen presentation of human dendritic cells. <i>Journal of Leukocyte Biology</i> , 2005, 78, 1397-1407.	1.5	43
45	Expansion of human $\hat{I}\hat{3}\hat{I}$ T cells for adoptive immunotherapy using a bisphosphonate prodrug. <i>Cancer Science</i> , 2018, 109, 587-599.	1.7	40
46	Chemo-Immunotherapeutic Antimalarials Targeting Isoprenoid Biosynthesis. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 423-427.	1.3	35
47	Targeting Cancer Cells with a Bisphosphonate Prodrug. <i>ChemMedChem</i> , 2016, 11, 2656-2663.	1.6	35
48	Recognition of nonpeptide antigens by T cells. <i>Journal of Molecular Medicine</i> , 1996, 74, 223-231.	1.7	31
49	Synthesis of Pyrophosphate-Containing Compounds that Stimulate $\hat{V}\hat{I}^3\hat{2}\hat{V}\hat{I}^2$ T Cells: Application to Cancer Immunotherapy. <i>Medicinal Chemistry</i> , 2007, 3, 85-99.	0.7	28
50	Structural Studies of $\hat{V}\hat{I}^3\hat{2}\hat{V}\hat{I}^2$ T Cell Phosphoantigens. <i>Chemistry and Biology</i> , 2006, 13, 985-992.	6.2	23
51	Metabolic Engineering of <i>Salmonella</i> Vaccine Bacteria To Boost Human $\hat{V}\hat{I}^3\hat{2}\hat{V}\hat{I}^2$ T Cell Immunity. <i>Journal of Immunology</i> , 2014, 193, 708-721.	0.4	22
52	Synthesis of chiral phosphoantigens and their activity in $\hat{I}\hat{3}\hat{I}$ T cell stimulation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 4471-4477.	1.0	20
53	Identification of an Important Immunological Difference between Virulent Varicella-Zoster Virus and Its Avirulent Vaccine: Viral Disruption of Dendritic Cell Instruction. <i>Journal of Immunology</i> , 2010, 185, 488-497.	0.4	18
54	Phenotypic and functional alterations of $\hat{V}\hat{I}^3\hat{2}\hat{V}\hat{I}^2$ T cell subsets in patients with active nasopharyngeal carcinoma. <i>Cancer Immunology, Immunotherapy</i> , 2009, 58, 1095-1107.	2.0	16

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55	Critical Roles for Coiled-Coil Dimers of Butyrophilin 3A1 in the Sensing of Prenyl Pyrophosphates by Human V β 2V γ 2 T Cells. <i>Journal of Immunology</i> , 2019, 203, 607-626.	0.4	16
56	Comparison of a Novel Bisphosphonate Prodrug and Zoledronic Acid in the Induction of Cytotoxicity in Human V β 2V γ 2 T Cells. <i>Frontiers in Immunology</i> , 2020, 11, 1405.	2.2	16
57	PD-1 checkpoint blockade enhances adoptive immunotherapy by human V β 2V γ 2 T cells against human prostate cancer. <i>Oncolmmunology</i> , 2021, 10, 1989789.	2.1	15
58	A Crystallographic Investigation of Phosphoantigen Binding to Isopentenyl Pyrophosphate/Dimethylallyl Pyrophosphate Isomerase. <i>Journal of the American Chemical Society</i> , 2005, 127, 536-537.	6.6	12
59	Recognition of mycobacterial antigens by $\hat{I}\hat{3}\hat{I}$ T cells. <i>Research in Immunology</i> , 1990, 141, 645-651.	0.9	11
60	Live Cell Labeling with Terpyridine Derivative Proligands to Measure Cytotoxicity Mediated by Immune Cells. <i>ChemMedChem</i> , 2017, 12, 2006-2013.	1.6	9
61	Identification of guinea pig $\hat{I}\hat{3}\hat{I}$ T cells and characterization during pulmonary tuberculosis. <i>Veterinary Immunology and Immunopathology</i> , 2004, 102, 33-44.	0.5	7
62	Synthesis and Immunomodulatory Activity of Fluorine-Containing Bisphosphonates. <i>ChemMedChem</i> , 2019, 14, 462-468.	1.6	7
63	T cell receptor-dependent activation of human lymphocytes through cell surface ganglioside GT1b: implications for innate immunity. <i>European Journal of Immunology</i> , 2000, 30, 3199-3206.	1.6	6
64	ANTIRETINOBLASTOMA MONOCLONAL ANTIBODIES. <i>Retina</i> , 1983, 3, 200-205.	1.0	5
65	Determination of human $\hat{I}\hat{3}\hat{I}$ T cell-mediated cytotoxicity using a non-radioactive assay system. <i>Journal of Immunological Methods</i> , 2019, 466, 32-40.	0.6	4
66	Necroptosis of Dendritic Cells Promotes Activation of $\hat{I}\hat{3}\hat{I}$ T Cells. <i>Journal of Innate Immunity</i> , 2016, 8, 479-492.	1.8	3
67	Chemokine biology of NK cells and $\hat{I}\hat{3}\hat{I}$ T cells. , 2006, , 59-78.		2
68	Synthesis and immunological evaluation of the 4- \hat{I}^2 -glucoside of HMBPP. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 811-813.	1.0	1
69	Anti-PD-1 and Anti-PD-L1 mAbs. , 2016, , 283-294.		1
70	Abstract 3628: PD-1 checkpoint blockade therapy enhances adoptive immunotherapy by human V β 2V γ 2 T cells against prostate tumors in a preclinical model. , 2018, , .		0