

Maurizio Zanetti

List of Publications by Year in descending order

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95
papers

2,888
citations

147801

31
h-index

189892

50
g-index

105
all docs

105
docs citations

105
times ranked

4384
citing authors

#	ARTICLE	IF	CITATIONS
1	Transmission of endoplasmic reticulum stress and pro-inflammation from tumor cells to myeloid cells. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6561-6566.	7.1	233
2	Evolutionary Pressure against MHC Class II Binding Cancer Mutations. Cell, 2018, 175, 416-428.e13.	28.9	176
3	Tapping CD4 T Cells for Cancer Immunotherapy: The Choice of Personalized Genomics. Journal of Immunology, 2015, 194, 2049-2056.	0.8	119
4	Cell-Extrinsic Effects of Tumor ER Stress Imprint Myeloid Dendritic Cells and Impair CD8+ T Cell Priming. PLoS ONE, 2012, 7, e51845.	2.5	108
5	Lipocalin 2 in cancer: When good immunity goes bad. Cancer Letters, 2012, 316, 132-138.	7.2	96
6	A second chance for telomerase reverse transcriptase in anticancer immunotherapy. Nature Reviews Clinical Oncology, 2017, 14, 115-128.	27.6	95
7	Identification of a human telomerase reverse transcriptase peptide of low affinity for HLA A2.1 that induces cytotoxic T lymphocytes and mediates lysis of tumor cells. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 12275-12280.	7.1	88
8	Intercellular transmission of the unfolded protein response promotes survival and drug resistance in cancer cells. Science Signaling, 2017, 10, .	3.6	84
9	CD4 T cells in tumor immunity. Seminars in Immunopathology, 2005, 27, 37-48.	4.0	82
10	The immunology of new generation vaccines. Trends in Immunology, 1987, 8, 18-25.	7.5	79
11	Vaccine-Induced CD8+Central Memory T Cells in Protection from Simian AIDS. Journal of Immunology, 2005, 175, 3502-3507.	0.8	79
12	Tumor Stress Inside Out: Cell-Extrinsic Effects of the Unfolded Protein Response in Tumor Cells Modulate the Immunological Landscape of the Tumor Microenvironment. Journal of Immunology, 2011, 187, 4403-4409.	0.8	73
13	Neoantigen prediction and the need for validation. Nature Biotechnology, 2017, 35, 815-817.	17.5	69
14	The Role of <i>relB</i> in Regulating the Adaptive Immune Response. Annals of the New York Academy of Sciences, 2003, 987, 249-257.	3.8	63
15	Antigenized antibodies. Nature, 1992, 355, 476-477.	27.8	58
16	Frequency of telomerase-specific CD8+ T lymphocytes in patients with cancer. Blood, 2006, 107, 1505-1512.	1.4	55
17	Reduced Protection from Simian Immunodeficiency Virus SIV _{mac251} Infection Afforded by Memory CD8 ⁺ T Cells Induced by Vaccination during CD4 ⁺ T-Cell Deficiency. Journal of Virology, 2008, 82, 9629-9638.	3.4	54
18	Selected MicroRNAs Define Cell Fate Determination of Murine Central Memory CD8 T Cells. PLoS ONE, 2010, 5, e11243.	2.5	52

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19	ER stress drives Lipocalin 2 upregulation in prostate cancer cells in an NF- κ B-dependent manner. <i>BMC Cancer</i> , 2011, 11, 229.	2.6	52
20	T cell memory and protective immunity by vaccination: is more better?. <i>Trends in Immunology</i> , 2006, 27, 511-517.	6.8	47
21	Engineering vaccines with heterologous B and T cell epitopes using immunoglobulin genes. <i>Nature Biotechnology</i> , 1997, 15, 882-886.	17.5	45
22	KDEL-Retained Antigen in B Lymphocytes Induces a Proinflammatory Response: A Possible Role for Endoplasmic Reticulum Stress in Adaptive T Cell Immunity. <i>Journal of Immunology</i> , 2008, 181, 256-264.	0.8	43
23	IRE1 β regulates macrophage polarization, PD-L1 expression, and tumor survival. <i>PLoS Biology</i> , 2020, 18, e3000687.	5.6	42
24	T cell immunity using transgenic B lymphocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 3892-3897.	7.1	38
25	B lymphocytes as antigen-presenting cell-based genetic vaccines. <i>Immunological Reviews</i> , 2004, 199, 264-278.	6.0	38
26	Molecular characterization of the VH region of murine autoantibodies from neonatal and adult BALB/c mice. <i>European Journal of Immunology</i> , 1989, 19, 453-457.	2.9	37
27	Expression of an exogenous peptide epitope genetically engineered in the variable domain of an immunoglobulin: implications for antibody and peptide folding. <i>Protein Engineering, Design and Selection</i> , 1990, 4, 215-220.	2.1	37
28	Immune modulation by ER stress and inflammation in the tumor microenvironment. <i>Cancer Letters</i> , 2016, 380, 227-236.	7.2	37
29	Genetically programmed B lymphocytes are highly efficient in inducing anti-virus protective immunity mediated by central memory CD8 T cells. <i>Vaccine</i> , 2004, 23, 699-708.	3.8	36
30	Telomerase immunity from bench to bedside: round one. <i>Journal of Translational Medicine</i> , 2007, 5, 12.	4.4	36
31	Somatic Transgene Immunization with DNA Encoding an Immunoglobulin Heavy Chain. <i>DNA and Cell Biology</i> , 1997, 16, 611-625.	1.9	35
32	Immunity to Plasmodium falciparum malaria sporozoites by somatic transgene immunization. <i>Nature Biotechnology</i> , 1997, 15, 876-881.	17.5	34
33	PERK-mediated induction of microRNA-483 disrupts cellular ATP homeostasis during the unfolded protein response. <i>Journal of Biological Chemistry</i> , 2020, 295, 237-249.	3.4	33
34	Endoplasmic reticulum stress drives a regulatory phenotype in human T-cell clones. <i>Cellular Immunology</i> , 2010, 266, 1-6.	3.0	30
35	Cutting Edge: Antigen Presentation to CD8 T Cells after Influenza A Virus Infection. <i>Journal of Immunology</i> , 2009, 182, 29-33.	0.8	28
36	Major histocompatibility complex class I-restricted presentation of influenza virus nucleoprotein peptide by B lymphoma cells harboring an antibody gene antigenized with the virus peptide. <i>European Journal of Immunology</i> , 1995, 25, 776-783.	2.9	27

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37	Presentation of Telomerase Reverse Transcriptase, a Self-Tumor Antigen, is Down-regulated by Histone Deacetylase Inhibition. <i>Cancer Research</i> , 2008, 68, 8085-8093.	0.9	27
38	Role of T _H cell help and endoplasmic reticulum targeting in protective CTL response against influenza virus. <i>European Journal of Immunology</i> , 2003, 33, 720-728.	2.9	26
39	CD8 T cell priming by B lymphocytes is CD4 help dependent. <i>European Journal of Immunology</i> , 2005, 35, 1360-1370.	2.9	26
40	DNA immunization in μ B-deficient mice discloses a role for dendritic cells in IgM \rightarrow IgG1 switching in vivo. <i>European Journal of Immunology</i> , 1998, 28, 516-524.	2.9	25
41	Antigenicity and immunogenicity of peptide analogues of a low affinity peptide of the human telomerase reverse transcriptase tumor antigen. <i>European Journal of Immunology</i> , 2004, 34, 2331-2341.	2.9	25
42	Synthesis and delivery of short, noncoding RNA by B lymphocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 20182-20187.	7.1	24
43	The unfolded protein response links tumor aneuploidy to local immune dysregulation. <i>EMBO Reports</i> , 2021, 22, e52509.	4.5	22
44	Telomerase and CD4 T Cell Immunity in Cancer. <i>Cancers</i> , 2020, 12, 1687.	3.7	20
45	CD4 T cell priming in dendritic cell-deficient mice. <i>International Immunology</i> , 2003, 15, 127-136.	4.0	19
46	The Cooperation between Two CD4 T Cells Induces Tumor Protective Immunity in MUC.1 Transgenic Mice. <i>Journal of Immunology</i> , 2005, 175, 6551-6559.	0.8	19
47	Theoretical and Practical Aspects of Antigenized Antibodies. <i>Immunological Reviews</i> , 1992, 130, 125-150.	6.0	18
48	Cell-extrinsic effects of the tumor unfolded protein response on myeloid cells and T cells. <i>Annals of the New York Academy of Sciences</i> , 2013, 1284, 6-11.	3.8	18
49	Principles of Memory CD8 T-Cells Generation in Relation to Protective Immunity. <i>Advances in Experimental Medicine and Biology</i> , 2010, 684, 108-125.	1.6	18
50	TLR9-Independent Activation of B Lymphocytes by Bacterial DNA. <i>DNA and Cell Biology</i> , 2006, 25, 253-261.	1.9	16
51	Activation of the unfolded protein response bypasses trastuzumab-mediated inhibition of the PI-3K pathway. <i>Cancer Letters</i> , 2013, 329, 236-242.	7.2	16
52	Telomerase reverse transcriptase as target for anti-tumor T cell responses in humans. <i>Seminars in Immunopathology</i> , 2005, 27, 87-104.	4.0	15
53	Protection against Influenza A Virus by Memory CD8 T Cells Requires Reactivation by Bone Marrow-Derived Dendritic Cells. <i>Journal of Immunology</i> , 2008, 180, 4956-4964.	0.8	15
54	Chromosomal chaos silences immune surveillance. <i>Science</i> , 2017, 355, 249-250.	12.6	15

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55	Extracellular vesicles produced in B cells deliver tumor suppressor miR-335 to breast cancer cells disrupting oncogenic programming in vitro and in vivo. <i>Scientific Reports</i> , 2018, 8, 17581.	3.3	14
56	IRE1 α and IGF signaling predict resistance to an endoplasmic reticulum stress-inducing drug in glioblastoma cells. <i>Scientific Reports</i> , 2020, 10, 8348.	3.3	13
57	Ligand expression using antigenization of antibody: Principle and methods. <i>ImmunoMethods</i> , 1992, 1, 41-51.	0.8	12
58	T for two: When helpers need help. <i>Autoimmunity Reviews</i> , 2005, 4, 571-578.	5.8	11
59	Generation of more effective cancer vaccines. <i>Human Vaccines and Immunotherapeutics</i> , 2013, 9, 2543-2547.	3.3	11
60	The Unfolded Protein Response at the Tumor-Immune Interface. <i>Frontiers in Immunology</i> , 2022, 13, 823157.	4.8	11
61	CD4/Immunoglobulin Interaction: Implications for Immune Physiology and Autoimmunity. <i>International Reviews of Immunology</i> , 1991, 7, 237-244.	3.3	9
62	Neoantigen Controversies. <i>Annual Review of Biomedical Data Science</i> , 2021, 4, 227-253.	6.5	9
63	Tumor microenvironment on the move and the Aselli connection. <i>Science Signaling</i> , 2016, 9, fs13.	3.6	8
64	In utero DNA immunizationImmunity over tolerance in fetal life. <i>Vaccine</i> , 2005, 23, 4273-4282.	3.8	7
65	In silico analysis suggests less effective MHC-II presentation of SARS-CoV-2 RBM peptides: Implication for neutralizing antibody responses. <i>PLoS ONE</i> , 2021, 16, e0246731.	2.5	7
66	Perturbation of the Autoimmune Network. I. Immunization with Anti-Idiotypic Antibodies Prior to Challenge with Antigen Induces Quantitative Variations in the Autoantibody Response. <i>Autoimmunity</i> , 1988, 1, 23-36.	2.6	6
67	Antigenized antibodies expressing Vbeta8.2 TCR peptides immunize against rat experimental allergic encephalomyelitis. <i>Journal of Immune Based Therapies and Vaccines</i> , 2004, 2, 9.	2.4	6
68	Ex VivoProgramming of Antigen-Presenting B Lymphocytes: Considerations on DNA Uptake and Cell Activation. <i>International Reviews of Immunology</i> , 2006, 25, 83-97.	3.3	6
69	Idiotypic Analysis of Human Anti-Topoisomerase I Autoantibodies. <i>Autoimmunity</i> , 1991, 10, 41-48.	2.6	5
70	Idiotypic Analysis of Human Anticentromere Autoantibodies. <i>Autoimmunity</i> , 1991, 9, 131-140.	2.6	5
71	Ontogeny of the Immune System and the Invisible Frontier to Immune Regulation. <i>International Reviews of Immunology</i> , 1992, 8, 209-218.	3.3	5
72	Immune Surveillance from Chromosomal Chaos?. <i>Science</i> , 2012, 337, 1616-1617.	12.6	5

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73	Antigenicity and Immunogenicity of Antigenized Antibodies. Studies on B and T Cells. International Reviews of Immunology, 1993, 10, 251-263.	3.3	4
74	A Janus-faced role of the unfolded protein response in antitumor immunity. Oncolimmunology, 2013, 2, e23901.	4.6	4
75	Next Steps in the Evolution of Vaccinology. Progress in Vaccinology, 1989, , 451-466.	0.7	3
76	Circumvention of MHC class II restriction by genetic immunization. Vaccine, 2001, 20, 630-634.	3.8	2
77	High-efficiency Generation of Multiple Short Noncoding RNA in B-cells and B-cell-derived Extracellular Vesicles. Molecular Therapy - Nucleic Acids, 2015, 4, e271.	5.1	2
78	miR-335-laden B Cell-Derived Extracellular Vesicles Promote SOX4-Dependent Apoptosis in Human Multiple Myeloma Cells. Journal of Personalized Medicine, 2021, 11, 1240.	2.5	2
79	Early Ontogeny of Rheumatoid Factor Antibodies. Characterization of a Murine Neonatal Hybridoma Autoantibody to IgG1 in BALB/c Mice. Autoimmunity, 1989, 4, 9-19.	2.6	1
80	Studies on CD4 T Cell Immunity Using Somatic Transgene Immunization. International Reviews of Immunology, 2001, 20, 613-625.	3.3	1
81	Immunity and protection, the unfolding of a tale. Immunologic Research, 2007, 38, 305-318.	2.9	1
82	Identification of Immunogenic Peptides of the Self-Tumor Antigen: Our Experience with Telomerase Reverse Transcriptase. Methods in Molecular Biology, 2010, 651, 211-225.	0.9	1
83	The 2021 FASEB Virtual Catalyst Conference on Extracellular and Organismal Proteostasis in Health and Disease, February 3-4, 2021. FASEB Journal, 2021, 35, e21631.	0.5	1
84	A community affair in the tumor microenvironment. Oncotarget, 2017, 8, 106173-106174.	1.8	1
85	Plasmid DNA And IL-4 Modulate Expression of MHC Class I And Costimulatory Molecules in B Lymphocytes. DNA and Cell Biology, 2007, 26, 148-159.	1.9	0
86	Sensing hyperploidy and immune surveillance: A pas-de-deux. Cell Cycle, 2013, 12, 544-544.	2.6	0
87	Insidious communication amongst cancer cells. Molecular and Cellular Oncology, 2018, 5, e1356898.	0.7	0
88	Immunization with transgenic B cells as APC induces memory T cell specific immunity in tolerant mice. FASEB Journal, 2008, 22, 1077.14.	0.5	0
89	Cell-Nonautonomous ER Stress-Mediated Dysregulation of Immunity by Cancer Cells. , 2015, , 397-429.		0
90	Ubi Maior Minor Cessat. Critical Reviews in Immunology, 2020, 40, 255-262.	0.5	0

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91	IRE1 \pm regulates macrophage polarization, PD-L1 expression, and tumor survival. , 2020, 18, e3000687.		0
92	IRE1 \pm regulates macrophage polarization, PD-L1 expression, and tumor survival. , 2020, 18, e3000687.		0
93	IRE1 \pm regulates macrophage polarization, PD-L1 expression, and tumor survival. , 2020, 18, e3000687.		0
94	IRE1 \pm regulates macrophage polarization, PD-L1 expression, and tumor survival. , 2020, 18, e3000687.		0
95	Disulfiram's journey from rubber vulcanization to T α cell activation. EMBO Journal, 0, , .	7.8	0