

Todd D Schell

List of Publications by Year in descending order

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71
papers

2,734
citations

201674

27
h-index

189892

50
g-index

71
all docs

71
docs citations

71
times ranked

5097
citing authors

#	ARTICLE	IF	CITATIONS
1	Tumor-Specific T Cell Dysfunction Is a Dynamic Antigen-Driven Differentiation Program Initiated Early during Tumorigenesis. <i>Immunity</i> , 2016, 45, 389-401.	14.3	496
2	T-Cell Immunoglobulin and ITIM Domain (TIGIT) Associates with CD8+ T-Cell Exhaustion and Poor Clinical Outcome in AML Patients. <i>Clinical Cancer Research</i> , 2016, 22, 3057-3066.	7.0	217
3	Beta blocker use correlates with better overall survival in metastatic melanoma patients and improves the efficacy of immunotherapies in mice. <i>Oncolimmunology</i> , 2018, 7, e1405205.	4.6	124
4	Improved survival and complete response rates in patients with advanced melanoma treated with concurrent ipilimumab and radiotherapy versus ipilimumab alone. <i>Cancer Biology and Therapy</i> , 2017, 18, 36-42.	3.4	123
5	Nanoliposome C6-Ceramide Increases the Anti-tumor Immune Response and Slows Growth of Liver Tumors in Mice. <i>Gastroenterology</i> , 2018, 154, 1024-1036.e9.	1.3	113
6	Immune Defects in 28-kDa Proteasome Activator β 3-Deficient Mice. <i>Journal of Immunology</i> , 2004, 172, 3948-3954.	0.8	109
7	Quantitation of CD8 + T-Lymphocyte Responses to Multiple Epitopes from Simian Virus 40 (SV40) Large T Antigen in C57BL/6 Mice Immunized with SV40, SV40 T-Antigen-Transformed Cells, or Vaccinia Virus Recombinants Expressing Full-Length T Antigen or Epitope Minigenes. <i>Journal of Virology</i> , 2000, 74, 6922-6934.	3.4	86
8	Another View of T Cell Antigen Recognition: Cooperative Engagement of Glycolipid Antigens by Va14Ja18 Natural TCR. <i>Journal of Immunology</i> , 2003, 171, 4539-4551.	0.8	85
9	Randomized controlled trial of oral glutathione supplementation on body stores of glutathione. <i>European Journal of Nutrition</i> , 2015, 54, 251-263.	3.9	79
10	Circulating Tumor Cells in Melanoma Patients. <i>PLoS ONE</i> , 2012, 7, e41052.	2.5	75
11	In Vivo Ligation of CD40 Enhances Priming Against the Endogenous Tumor Antigen and Promotes CD8+ T Cell Effector Function in SV40 T Antigen Transgenic Mice. <i>Journal of Immunology</i> , 2003, 171, 697-707.	0.8	74
12	An Endoplasmic Reticulum-Targeting Signal Sequence Enhances the Immunogenicity of an Immunorecessive Simian Virus 40 Large T Antigen Cytotoxic T-Lymphocyte Epitope. <i>Journal of Virology</i> , 1998, 72, 1469-1481.	3.4	70
13	The dual role of CD8+ T lymphocytes in the development of stress-induced herpes simplex encephalitis. <i>Journal of Neuroimmunology</i> , 2003, 140, 13-27.	2.3	54
14	PD-1 Blockade Promotes Epitope Spreading in Anticancer CD8+ T Cell Responses by Preventing Fratricidal Death of Subdominant Clones To Relieve Immunodomination. <i>Journal of Immunology</i> , 2017, 199, 3348-3359.	0.8	54
15	Bone marrow CD8 T cells express high frequency of PD-1 and exhibit reduced anti-leukemia response in newly diagnosed AML patients. <i>Blood Cancer Journal</i> , 2018, 8, 34.	6.2	48
16	Cytotoxic T-Lymphocyte Epitope Immunodominance in the Control of Choroid Plexus Tumors in Simian Virus 40 Large T Antigen Transgenic Mice. <i>Journal of Virology</i> , 1999, 73, 5981-5993.	3.4	48
17	Successful chemoimmunotherapy against hepatocellular cancer in a novel murine model. <i>Journal of Hepatology</i> , 2017, 66, 75-85.	3.7	43
18	Blimp-1 impairs T cell function via upregulation of TIGIT and PD-1 in patients with acute myeloid leukemia. <i>Journal of Hematology and Oncology</i> , 2017, 10, 124.	17.0	42

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19	Eomes+T-betlow CD8+ T Cells Are Functionally Impaired and Are Associated with Poor Clinical Outcome in Patients with Acute Myeloid Leukemia. <i>Cancer Research</i> , 2019, 79, 1635-1645.	0.9	42
20	An HLA-A2.1-Transgenic Rabbit Model to Study Immunity to Papillomavirus Infection. <i>Journal of Immunology</i> , 2006, 177, 8037-8045.	0.8	41
21	Inefficient Cross-Presentation Limits the CD8+ T Cell Response to a Subdominant Tumor Antigen Epitope. <i>Journal of Immunology</i> , 2005, 175, 700-712.	0.8	39
22	TCR Gene Therapy of Spontaneous Prostate Carcinoma Requires In Vivo T Cell Activation. <i>Journal of Immunology</i> , 2008, 181, 2563-2571.	0.8	39
23	Regression of established hepatocellular carcinoma is induced by chemoimmunotherapy in an orthotopic murine model. <i>Hepatology</i> , 2012, 55, 141-152.	7.3	39
24	Drug-Tolerant Persister Cells in Cancer Therapy Resistance. <i>Cancer Research</i> , 2022, 82, 2503-2514.	0.9	34
25	Malignant melanomaâ€”The cradle of anti-neoplastic immunotherapy. <i>Critical Reviews in Oncology/Hematology</i> , 2016, 106, 25-54.	4.4	33
26	Mouse papillomavirus infection persists in mucosal tissues of an immunocompetent mouse strain and progresses to cancer. <i>Scientific Reports</i> , 2017, 7, 16932.	3.3	33
27	Control of Advanced Choroid Plexus Tumors in SV40 T Antigen Transgenic Mice Following Priming of Donor CD8+ T Lymphocytes by the Endogenous Tumor Antigen. <i>Journal of Immunology</i> , 2001, 167, 6947-6956.	0.8	31
28	TCR stimulation strength is inversely associated with establishment of functional brain-resident memory CD8 T cells during persistent viral infection. <i>PLoS Pathogens</i> , 2017, 13, e1006318.	4.7	31
29	CD8+T Cells Targeting a Single Immunodominant Epitope are Sufficient for Elimination of Established SV40 T Antigen-Induced Brain Tumors. <i>Journal of Immunology</i> , 2008, 181, 4406-4417.	0.8	29
30	Durable complete responses off all treatment in patients with metastatic malignant melanoma after sequential immunotherapy followed by a finite course of BRAF inhibitor therapy. <i>Cancer Biology and Therapy</i> , 2015, 16, 662-670.	3.4	27
31	Early Immunization Induces Persistent Tumor-Infiltrating CD8+ T Cells against an Immunodominant Epitope and Promotes Lifelong Control of Pancreatic Tumor Progression in SV40 Tumor Antigen Transgenic Mice. <i>Journal of Immunology</i> , 2006, 177, 3089-3099.	0.8	25
32	Sunitinib represses regulatory T cells to overcome immunotolerance in a murine model of hepatocellular cancer. <i>Oncolmmunology</i> , 2018, 7, e1372079.	4.6	24
33	Presentation of human T cell leukemia virus type 1 (HTLV-1) Tax protein by dendritic cells: the underlying mechanism of HTLV-1-associated neuroinflammatory disease. <i>Journal of Leukocyte Biology</i> , 2009, 86, 1205-1216.	3.3	23
34	CD8 T Cells Recruited Early in Mouse Polyomavirus Infection Undergo Exhaustion. <i>Journal of Immunology</i> , 2012, 188, 4340-4348.	0.8	21
35	Purification of dendritic cell and macrophage subsets from the normal mouse small intestine. <i>Journal of Immunological Methods</i> , 2015, 421, 1-13.	1.4	19
36	Schweinfurthin natural products induce regression of murine melanoma and pair with anti-PD-1 therapy to facilitate durable tumor immunity. <i>Oncolmmunology</i> , 2019, 8, e1539614.	4.6	17

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37	In vivo immunogenicity of Tax(11â€“19) epitope in HLA-A2/DTR transgenic mice: Implication for dendritic cell-based anti-HTLV-1 vaccine. <i>Vaccine</i> , 2014, 32, 3274-3284.	3.8	16
38	The assembly of functional beta2-microglobulin-free MHC class I molecules that interact with peptides and CD8+ T lymphocytes. <i>International Immunology</i> , 2002, 14, 775-782.	4.0	13
39	Anti-CD40 Conditioning Enhances the TCD8 Response to a Highly Tolerogenic Epitope and Subsequent Immunotherapy of Simian Virus 40 T Antigen-Induced Pancreatic Tumors. <i>Journal of Immunology</i> , 2007, 179, 6686-6695.	0.8	13
40	Modification of a Tumor Antigen Determinant To Improve Peptide/MHC Stability Is Associated with Increased Immunogenicity and Cross-Priming a Larger Fraction of CD8+ T Cells. <i>Journal of Immunology</i> , 2012, 189, 5549-5560.	0.8	13
41	Accumulation of CD8+ T Cells in Advanced-Stage Tumors and Delay of Disease Progression following Secondary Immunization against an Immunorecessive Epitope. <i>Journal of Immunology</i> , 2006, 177, 255-267.	0.8	12
42	Multi-dimensional analysis identifies an immune signature predicting response to decitabine treatment in elderly patients with AML. <i>British Journal of Haematology</i> , 2020, 188, 674-684.	2.5	12
43	In Vivo Expansion of the Residual Tumor Antigen-Specific CD8 + T Lymphocytes That Survive Negative Selection in Simian Virus 40 T-Antigen-Transgenic Mice. <i>Journal of Virology</i> , 2004, 78, 1751-1762.	3.4	11
44	Unsuccessful high dose IL-2 therapy followed immediately by near continuous low dose temozolomide can result in rapid durable complete and near-complete remissions in metastatic melanoma. <i>Cancer Biology and Therapy</i> , 2010, 10, 1091-1097.	3.4	11
45	Whole-Body Irradiation Increases the Magnitude and Persistence of Adoptively Transferred T Cells Associated with Tumor Regression in a Mouse Model of Prostate Cancer. <i>Cancer Immunology Research</i> , 2014, 2, 777-788.	3.4	11
46	Propanil Exposure Induces Delayed but Sustained Abrogation of Cell-Mediated Immunity through Direct Interference with Cytotoxic T-Lymphocyte Effectors. <i>Environmental Health Perspectives</i> , 2006, 114, 1059-1064.	6.0	10
47	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
48	Cytotoxic T Lymphocytes in SV40 Infections. , 2001, 165, 243-256.		9
49	Effects of chronic alcohol consumption on DNA damage and immune regulation induced by the environmental pollutant dibenzo[a,l]pyrene in oral tissues of mice. <i>Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews</i> , 2017, 35, 213-222.	2.9	9
50	Increased circulating microparticles in streptozotocin-induced diabetes propagate inflammation contributing to microvascular dysfunction. <i>Journal of Physiology</i> , 2019, 597, 781-798.	2.9	9
51	Rapid accumulation of adoptively transferred CD8+ T cells at the tumor site is associated with long-term control of SV40 T antigen-induced tumors. <i>Cancer Immunology, Immunotherapy</i> , 2008, 57, 883-895.	4.2	8
52	An SV40 VP1-derived epitope recognized by CD8+ T cells is naturally processed and presented by HLA-A*0201 and cross-reactive with human polyomavirus determinants. <i>Virology</i> , 2008, 376, 183-190.	2.4	8
53	Using HLA-A2.1 Transgenic Rabbit Model to Screen and Characterize New HLA-A2.1 Restricted Epitope DNA Vaccines. <i>Journal of Vaccines & Vaccination</i> , 2010, 01, .	0.3	8
54	The Immune Response to SV40, JCV, and BKV. , 0, , 585-610.		7

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55	Combined Anti-CD40 Conditioning and Well-timed Immunization Prolongs CD8+ T Cell Accumulation and Control of Established Brain Tumors. <i>Journal of Immunotherapy</i> , 2008, 31, 906-920.	2.4	7
56	Poking CD40 for cancer therapy, another example of the Goldilocks effect. <i>Cancer Biology and Therapy</i> , 2010, 10, 994-996.	3.4	7
57	Combined sublethal irradiation and agonist anti-CD40 enhance donor T cell accumulation and control of autochthonous murine pancreatic tumors. <i>Cancer Immunology, Immunotherapy</i> , 2018, 67, 639-652.	4.2	7
58	Presentation of a horse cytochrome c peptide by multiple H-2b class I major histocompatibility complex (MHC) molecules to C57BL/6- and bm1-derived cytotoxic T lymphocytes: Presence of a single MHC anchor residue may confer efficient peptide-specific CTL recognition. <i>European Journal of Immunology</i> , 1994, 24, 2141-2149.	2.9	6
59	Direct Presentation Regulates the Magnitude of the CD8+T Cell Response to Cell-Associated Antigen through Prolonged T Cell Proliferation. <i>Journal of Immunology</i> , 2010, 185, 2763-2772.	0.8	6
60	Diversity of escape variant mutations in Simian virus 40 large tumor antigen (SV40 Tag) epitopes selected by cytotoxic T lymphocyte (CTL) clones. <i>Virology</i> , 2007, 364, 155-168.	2.4	4
61	Strong and Specific Protective and Therapeutic Immunity Induced by Single HLA-A2.1 Restricted Epitope DNA Vaccine in Rabbits. <i>Procedia in Vaccinology</i> , 2009, 1, 4-14.	0.4	4
62	A novel clinically relevant graft-versus-leukemia model in humanized mice. <i>Journal of Leukocyte Biology</i> , 2022, 111, 427-437.	3.3	4
63	Why Do CD8+ T Cells become Indifferent to Tumors: A Dynamic Modeling Approach. <i>Frontiers in Physiology</i> , 2011, 2, 32.	2.8	3
64	Protection from tumor recurrence following adoptive immunotherapy varies with host conditioning regimen despite initial regression of autochthonous murine brain tumors. <i>Cancer Immunology, Immunotherapy</i> , 2015, 64, 325-336.	4.2	3
65	Improved infield response rates and overall survival in patients with metastatic melanoma receiving higher biological equivalent doses of radiation with ipilimumab. <i>Journal of Radiation Oncology</i> , 2017, 6, 215-223.	0.7	2
66	Anaplastic renal carcinoma expressing SV40 T antigen in a female TRAMP mouse. <i>Comparative Medicine</i> , 2013, 63, 338-41.	1.0	2
67	PD-1/PD-L1 co-inhibition shapes anticancer T cell immunodominance: facing the consequences of an immunological ménage à trois. <i>Cancer Immunology, Immunotherapy</i> , 2018, 67, 1669-1672.	4.2	1
68	Enhanced Glutathione Levels in Blood and Buccal Cells by Oral Glutathione Supplementation. <i>FASEB Journal</i> , 2013, 27, 862.32.	0.5	1
69	Persistent high levels of circulating effector memory T cells and anti-nuclear antibodies in metastatic melanoma patients who experience durable CRs to immunotherapy after the cessation of treatment.. <i>Journal of Clinical Oncology</i> , 2018, 36, e21576-e21576.	1.6	0
70	Utility of concurrent immunoradiation for locally advanced and/or medically inoperable melanoma and Merkel cell carcinoma.. <i>Journal of Clinical Oncology</i> , 2019, 37, e21053-e21053.	1.6	0
71	TAMI-43. IMPACT OF SEX AND RADIATION ON IRON TRAFFICKING IN BONE MARROW DERIVED MACROPHAGES. <i>Neuro-Oncology</i> , 2020, 22, ii222-ii222.	1.2	0