

# Stanislav Vukmanovic

## List of Publications by Year in descending order

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66  
papers

1,596  
citations

346980

22  
h-index

355658

38  
g-index

66  
all docs

66  
docs citations

66  
times ranked

2580  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of diet on skin sensitization by nickel, poison ivy, and sesquiterpene lactones. Food and Chemical Toxicology, 2020, 137, 111137.	1.8	5
2	Molecular docking predictions of fragrance binding to human leukocyte antigen molecules. Contact Dermatitis, 2019, 81, 174-183.	0.8	5
3	Skin sensitization testing needs and data uses by US regulatory and research agencies. Archives of Toxicology, 2019, 93, 273-291.	1.9	16
4	In chemico assessment of potential sensitizers: Stability and direct peptide reactivity of 24 fragrance ingredients. Journal of Applied Toxicology, 2019, 39, 398-408.	1.4	6
5	In chemico skin sensitization risk assessment of botanical ingredients. Journal of Applied Toxicology, 2018, 38, 1047-1053.	1.4	11
6	Chemical stability and in chemico reactivity of 24 fragrance ingredients of concern for skin sensitization risk assessment. Toxicology in Vitro, 2018, 46, 237-245.	1.1	15
7	Molecular and functional analysis of anchorage independent, treatment-evasive neuroblastoma tumorspheres with enhanced malignant properties: A possible explanation for radio-therapy resistance. PLoS ONE, 2018, 13, e0189711.	1.1	12
8	Skin sensitizers in cosmetics and beyond: potential multiple mechanisms of action and importance of T-cell assays for in vitro screening. Critical Reviews in Toxicology, 2017, 47, 422-439.	1.9	10
9	Protective effect of HLA-DQB1 alleles against alloimmunization in patients with sickle cell disease. Human Immunology, 2016, 77, 35-40.	1.2	35
10	Are Immune Modulating Single Nucleotide Polymorphisms Associated with Necrotizing Enterocolitis?. Scientific Reports, 2015, 5, 18369.	1.6	22
11	Genomics In Premature Infants: A Non-Invasive Strategy To Obtain High-Quality DNA. Scientific Reports, 2015, 4, 4286.	1.6	12
12	Genetics of Transfusion Recipient Alloimmunization: Can Clues from Susceptibility to Autoimmunity Pave the Way?. Transfusion Medicine and Hemotherapy, 2014, 41, 436-445.	0.7	12
13	High multi-cytokine levels are not a predictive marker of alloimmunization in transfused sickle cell disease patients. Cytokine, 2014, 68, 59-64.	1.4	7
14	The role of TRIM21 in necrotizing enterocolitis. Journal of the American College of Surgeons, 2013, 217, S81.	0.2	0
15	The Association of CD81 Polymorphisms with Alloimmunization in Sickle Cell Disease. Clinical and Developmental Immunology, 2013, 2013, 1-9.	3.3	36
16	Alloreactivity-Based Medical Conditions. Clinical and Developmental Immunology, 2013, 2013, 1-2.	3.3	0
17	Reversible adaptive plasticity: a mechanism for neuroblastoma cell heterogeneity and chemo-resistance. Frontiers in Oncology, 2012, 2, 82.	1.3	34
18	T-cell activation is enhanced by targeting IL-10 cytokine production in toll-like receptor- stimulated macrophages. ImmunoTargets and Therapy, 2012, 1, 13.	2.7	4

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19	Neuroblastoma cell plasticity: A mechanism for tumor heterogeneity and treatment failure. <i>Journal of the American College of Surgeons</i> , 2012, 215, S74-S75.	0.2	0
20	Age-related accumulation of T cells with markers of relatively stronger autoreactivity leads to functional erosion of T cells. <i>BMC Immunology</i> , 2012, 13, 8.	0.9	20
21	Characterization of signaling function and expression of HLA class I molecules in medulloblastoma. <i>Journal of Neuro-Oncology</i> , 2011, 103, 197-206.	1.4	10
22	Effective adoptive therapy of tap-deficient lymphoma using diverse high avidity alloreactive T cells. <i>Cancer Immunology, Immunotherapy</i> , 2010, 59, 629-633.	2.0	1
23	Toll-like receptor stimulation of innate immunity triggers paradoxical suppression of CD8+ T-Cells. <i>Journal of the American College of Surgeons</i> , 2010, 211, S71-S72.	0.2	0
24	Altered functional balance of Gfi-1 and Gfi-1b as an alternative cause of reticular dysgenesis?. <i>Medical Hypotheses</i> , 2010, 74, 445-448.	0.8	5
25	Cutting Edge: Developmental Up-Regulation of IFN- $\gamma$ -Inducible Lysosomal Thiol Reductase Expression Leads to Reduced T Cell Sensitivity and Less Severe Autoimmunity. <i>Journal of Immunology</i> , 2009, 182, 746-750.	0.4	28
26	rs660 polymorphism in Ro52 (SSA1; TRIM 21) is a marker for age-dependent tolerance induction and efficiency of alloimmunization in sickle cell disease. <i>Molecular Immunology</i> , 2009, 47, 64-70.	1.0	55
27	A novel role of HLA class I in the pathology of medulloblastoma. <i>Journal of Translational Medicine</i> , 2009, 7, 59.	1.8	19
28	ORIGINAL ARTICLE: Paternal Cell Immunization Raises Autoantibodies and Improves Pregnancy Success in Mice. <i>American Journal of Reproductive Immunology</i> , 2008, 60, 497-500.	1.2	1
29	Adaptable TCR Avidity Thresholds for Negative Selection. <i>Journal of Immunology</i> , 2008, 181, 6770-6778.	0.4	8
30	Protein Kinase C $\delta$ Regulates Antigen Receptor-Induced Lytic Granule Polarization in Mouse CD8+ CTL. <i>Journal of Immunology</i> , 2007, 178, 7814-7821.	0.4	50
31	TCR $\beta$ Chain That Forms Peptide-Independent Alloreactive TCR Transfers Reduced Reactivity with Irrelevant Peptide/MHC Complex. <i>Journal of Immunology</i> , 2007, 178, 6109-6114.	0.4	5
32	Sampling of Major Histocompatibility Complex Class I-Associated Peptidome Suggests Relatively Looser Global Association of HLA-B*5101 With Peptides. <i>Human Immunology</i> , 2006, 67, 894-906.	1.2	35
33	Activation of primary T lymphocytes results in lysosome development and polarized granule exocytosis in CD4+ and CD8+ subsets, whereas expression of lytic molecules confers cytotoxicity to CD8+ T cells. <i>Journal of Leukocyte Biology</i> , 2006, 80, 827-837.	1.5	28
34	Inhibitory Role of IFN- $\gamma$ -Inducible Lysosomal Thiol Reductase in T Cell Activation. <i>Journal of Immunology</i> , 2006, 177, 4369-4375.	0.4	54
35	T-Cell Receptor Signaling Events Triggering Granule Exocytosis. <i>Critical Reviews in Immunology</i> , 2006, 26, 265-290.	1.0	29
36	Protein kinase C delta regulates antigen receptor-induced lytic granule polarization in mouse CD8+ cytotoxic lymphocytes. <i>FASEB Journal</i> , 2006, 20, A1102.	0.2	0

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37	Self-peptide/MHC and TCR antagonism: Physiological role and therapeutic potential. Cellular Immunology, 2005, 233, 75-84.	1.4	6
38	Select forms of tumor cell apoptosis induce dendritic cell maturation. Journal of Leukocyte Biology, 2005, 77, 361-368.	1.5	54
39	Distinct Footprints of TCR Engagement with Highly Homologous Ligands. Journal of Immunology, 2004, 172, 7466-7475.	0.4	7
40	Delineation of Signals Required for Thymocyte Positive Selection. Journal of Immunology, 2004, 173, 5517-5523.	0.4	4
41	Association of $\beta$ 2-microglobulin with the $\beta$ 3 domain of H-2Db heavy chain. Immunogenetics, 2004, 55, 740-747.	1.2	4
42	Growth retardation as well as spleen and thymus involution in latent TGF- $\beta$ binding protein (Ltbp)-3 null mice. Journal of Cellular Physiology, 2003, 196, 319-325.	2.0	22
43	Cooperation or sabotage? Self-peptide-MHC complexes influence T-cell responses to antigens. Trends in Immunology, 2003, 24, 472.	2.9	3
44	Could TCR antagonism explain associations between MHC genes and disease?. Trends in Molecular Medicine, 2003, 9, 139-146.	3.5	16
45	The Role of Fibroblasts in Thymocyte-Positive Selection. Journal of Immunology, 2002, 169, 4945-4950.	0.4	10
46	Editing Autoreactive TCR Enables Efficient Positive Selection. Journal of Immunology, 2002, 169, 1729-1734.	0.4	11
47	Rare, Structurally Homologous Self-Peptides Promote Thymocyte Positive Selection. Immunity, 2002, 17, 131-142.	6.6	90
48	Characterization of the transcriptional expression of Notch-1 signaling pathway members, Deltex and HES-1, in developing mouse thymocytes. Developmental and Comparative Immunology, 2002, 26, 575-588.	1.0	26
49	Genomics-based identification of self-ligands with T cell receptor-specific biological activity. Immunological Reviews, 2002, 190, 146-160.	2.8	11
50	Factors influencing the patterns of T lymphocyte allorecognition1. Transplantation, 2002, 73, 797-803.	0.5	6
51	Cutting Edge: Positive Selection Induced by a Self-Peptide with TCR Antagonist Activity. Journal of Immunology, 2001, 167, 6092-6095.	0.4	15
52	Modulation of CD8+ T Cell Response to Antigen by the Levels of Self MHC Class I. Journal of Immunology, 2001, 166, 5416-5421.	0.4	16
53	CD8+ Tumor-Infiltrating T Cells Are Deficient in Perforin-Mediated Cytolytic Activity Due to Defective Microtubule-Organizing Center Mobilization and Lytic Granule Exocytosis. Journal of Immunology, 2001, 167, 5042-5051.	0.4	141
54	Type I IFN Modulates Innate and Specific Antiviral Immunity. Journal of Immunology, 2000, 164, 4220-4228.	0.4	270

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55	$\hat{I}\hat{I}^2$ TCR+ Cells Are a Minimal Fraction of Peripheral CD8+ Pool in MHC Class I-Deficient Mice. <i>Journal of Immunology</i> , 2000, 165, 1896-1901.	0.4	6
56	CD8+ T cell cytolytic activity independent of mitogen-activated protein kinase/extracellular regulatory kinase signaling (MAP kinase/ERK). <i>European Journal of Immunology</i> , 1999, 29, 3971-3977.	1.6	17
57	Physical and Functional Association of the Major Histocompatibility Complex Class I Heavy Chain $\hat{I}\hat{I}^3$ Domain with the Transporter Associated with Antigen Processing. <i>Journal of Experimental Medicine</i> , 1998, 187, 865-874.	4.2	40
58	A thymic epithelial cell line induces both positive and negative selection in the thymus. <i>International Immunology</i> , 1994, 6, 239-246.	1.8	28
59	An unusual T-cell surface phenotype in vivo correlates with the failure to proliferate and produce IL-2 in vitro in a patient with common variable immunodeficiency. <i>Clinical Immunology and Immunopathology</i> , 1992, 65, 261-270.	2.1	7
60	Evidence for target tissue regulation of resistance to the induction of experimental allergic encephalomyelitis in AO rats. <i>Journal of Neuroimmunology</i> , 1992, 41, 97-104.	1.1	9
61	Positive selection of T-lymphocytes induced by intrathymic injection of a thymic epithelial cell line. <i>Nature</i> , 1992, 359, 729-732.	13.7	95
62	Anti-CD3-induced cell death in T cell hybridomas: mitochondrial failure and DNA fragmentation are distinct events. <i>European Journal of Immunology</i> , 1991, 21, 419-424.	1.6	27
63	Phosphorylation of murine CD8 $\hat{I}\hat{I}$ is not essential for responses of T cell hybridomas to antigen. <i>International Immunology</i> , 1991, 3, 785-792.	1.8	3
64	Analysis of T cell subsets after induction of experimental autoimmune encephalomyelitis in susceptible and resistant strains of rats. <i>Journal of Neuroimmunology</i> , 1990, 27, 63-69.	1.1	24
65	Experimental autoimmune encephalomyelitis in "low" and "high" interleukin 2 producer rats. <i>Cellular Immunology</i> , 1989, 121, 237-246.	1.4	30
66	Dissection of Adjuvant and Suppressive Effects of Mycobacteria in Experimental Allergic Encephalomyelitis Production. <i>International Archives of Allergy and Immunology</i> , 1988, 85, 82-86.	0.9	8