

# Russell D Salter

## List of Publications by Year in descending order

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54  
papers

4,452  
citations

196777

29  
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223390

49  
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56  
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56  
docs citations

56  
times ranked

5666  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dnase1L3 Regulates Inflammasome-Dependent Cytokine Secretion. <i>Frontiers in Immunology</i> , 2017, 8, 522.	2.2	38
2	Tn-MUC1 DC Vaccination of Rhesus Macaques and a Phase I/II Trial in Patients with Nonmetastatic Castrate-Resistant Prostate Cancer. <i>Cancer Immunology Research</i> , 2016, 4, 881-892.	1.6	57
3	CD40L Induces Functional Tunneling Nanotube Networks Exclusively in Dendritic Cells Programmed by Mediators of Type 1 Immunity. <i>Journal of Immunology</i> , 2015, 194, 1047-1056.	0.4	47
4	Methylthioadenosine Reprograms Macrophage Activation through Adenosine Receptor Stimulation. <i>PLoS ONE</i> , 2014, 9, e104210.	1.1	26
5	Mitochondrial Reactive Oxygen Species Induces NLRP3-Dependent Lysosomal Damage and Inflammasome Activation. <i>Journal of Immunology</i> , 2013, 191, 5230-5238.	0.4	439
6	Reduction of Streptolysin O (SLO) Pore-Forming Activity Enhances Inflammasome Activation. <i>Toxins</i> , 2013, 5, 1105-1118.	1.5	44
7	The Second Transmembrane Domain of P2X7 Contributes to Dilated Pore Formation. <i>PLoS ONE</i> , 2013, 8, e61886.	1.1	29
8	Coordinate Stimulation of Macrophages by Microparticles and TLR Ligands Induces Foam Cell Formation. <i>Journal of Immunology</i> , 2012, 189, 4621-4629.	0.4	35
9	Visualization of Bacterial Toxin Induced Responses Using Live Cell Fluorescence Microscopy. <i>Journal of Visualized Experiments</i> , 2012, , e4227.	0.2	13
10	Preventive immunization of aged and juvenile non-human primates to beta-amyloid. <i>Journal of Neuroinflammation</i> , 2012, 9, 84.	3.1	22
11	Genetically Encoded pH Sensor for Tracking Surface Proteins through Endocytosis. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4838-4842.	7.2	68
12	Streptolysin O clearance through sequestration into blebs that bud passively from the plasma membrane. <i>Journal of Cell Science</i> , 2011, 124, 2414-2423.	1.2	128
13	Extracellular Superoxide Dismutase in Macrophages Augments Bacterial Killing by Promoting Phagocytosis. <i>American Journal of Pathology</i> , 2011, 178, 2752-2759.	1.9	36
14	Large Scale Comparison of Innate Responses to Viral and Bacterial Pathogens in Mouse and Macaque. <i>PLoS ONE</i> , 2011, 6, e22401.	1.1	24
15	Macrophage responses to bacterial toxins: a balance between activation and suppression. <i>Immunologic Research</i> , 2011, 50, 118-123.	1.3	24
16	Identification and characterization of a novel variant of the human P2X7 receptor resulting in gain of function. <i>Purinergic Signalling</i> , 2010, 6, 31-45.	1.1	47
17	Activation of Macrophages by P2X7-Induced Microvesicles from Myeloid Cells Is Mediated by Phospholipids and Is Partially Dependent on TLR4. <i>Journal of Immunology</i> , 2010, 185, 3740-3749.	0.4	67
18	Cholesterol-dependent cytolysins induce rapid release of mature IL-1 $\beta$ from murine macrophages in a NLRP3 inflammasome and cathepsin B-dependent manner. <i>Journal of Leukocyte Biology</i> , 2009, 86, 1227-1238.	1.5	109

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19	Dendritic cell altered states: what role for calcium?. Immunological Reviews, 2009, 231, 278-288.	2.8	42
20	The Central Role of Dendritic Cells in Immunity. , 2009, , 1-10.		3
21	Extracellular ATP induces IL-1 $\beta$ secretion and formation of filopodia in myeloid lineage cells through distinct P2X7-dependent pathways. FASEB Journal, 2008, 22, 672-21.	0.2	0
22	Immunology in Pittsburgh. Immunologic Research, 2006, 36, 1-2.	1.3	0
23	Dynamic Properties of Antigen Uptake and Communication Between Dendritic Cells. Immunologic Research, 2006, 36, 211-220.	1.3	19
24	Phagocytosis Induces Lysosome Remodeling and Regulated Presentation of Particulate Antigens by Activated Dendritic Cells. Journal of Immunology, 2006, 177, 8493-8503.	0.4	22
25	MHC Class I. , 2005, , 3-11.		0
26	Functional Connectivity between Immune Cells Mediated by Tunneling Nanotubules. Immunity, 2005, 23, 309-318.	6.6	332
27	Rapid and extensive membrane reorganization by dendritic cells following exposure to bacteria revealed by high-resolution imaging. Journal of Leukocyte Biology, 2004, 75, 240-243.	1.5	15
28	<i>Escherichia coli</i> Expressing Recombinant Antigen and Listeriolysin O Stimulate Class I-Restricted CD8+ T Cells following Uptake by Human APC. Journal of Immunology, 2004, 172, 1595-1601.	0.4	38
29	Impact of Antigen Presentation on TCR Modulation and Cytokine Release: Implications for Detection and Sorting of Antigen-Specific CD8+ T Cells Using HLA-A2 Wild-Type or HLA-A2 Mutant Tetrameric Complexes. Journal of Immunology, 2002, 168, 2766-2772.	0.4	8
30	Peptide-specific CD8+ T-cell evolution in vivo: Response to peptide vaccination with Melan-A/MART-1. International Journal of Cancer, 2002, 98, 376-388.	2.3	56
31	Improved detection of melanoma antigen-specific T cells expressing low or high levels of CD8 by HLA-A2 tetramers presenting a Melan-A/Mart-1 peptide analogue. International Journal of Cancer, 2002, 97, 64-71.	2.3	16
32	BDCM: a novel B-cell line with genetic and functional similarity to dendritic cells. British Journal of Haematology, 2002, 119, 819-825.	1.2	2
33	Regulation of antigen capture, MHC biosynthesis, and degradation by dendritic cells. , 2001, , 151-163.		2
34	Modification of the Amino Terminus of a Class II Epitope Confers Resistance to Degradation by CD13 on Dendritic Cells and Enhances Presentation to T Cells. Journal of Immunology, 2000, 164, 129-135.	0.4	38
35	Immunotherapy of NOD mice with bone marrow-derived dendritic cells. Diabetes, 1999, 48, 2300-2308.	0.3	175
36	Peptide-conformed $\beta$ 2m-free class I heavy chains are intermediates in generation of soluble HLA by the membrane-bound metalloproteinase. Human Immunology, 1999, 60, 1216-1226.	1.2	17

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37	Î²2-Microglobulin and calnexin can independently promote folding and disulfide bond formation in class I histocompatibility proteins. <i>Molecular Immunology</i> , 1997, 34, 401-408.	1.0	39
38	Domain organization and sequence relationship of killer cell inhibitory receptors. <i>Immunological Reviews</i> , 1997, 155, 175-182.	2.8	12
39	Amino acid substitutions at position 97 in HLA-A2 segregate cytotoxicity from cytokine release in MART-1/Melan-A peptide AAGIGILTV-specific cytotoxic T lymphocytes. <i>European Journal of Immunology</i> , 1996, 26, 2613-2623.	1.6	6
40	Calnexin Influences Folding of Human Class I Histocompatibility Proteins but Not Their Assembly with Î²2-Microglobulin. <i>Journal of Biological Chemistry</i> , 1995, 270, 19638-19642.	1.6	69
41	Calnexin Recognizes Carbohydrate and Protein Determinants of Class I Major Histocompatibility Complex Molecules. <i>Journal of Biological Chemistry</i> , 1995, 270, 3944-3948.	1.6	122
42	Flow-cytometric determination of peptide-class I complex formation identification of p53 peptides that bind to HLA-A2. <i>Human Immunology</i> , 1994, 39, 79-86.	1.2	70
43	Position 71 in the Î±1 helix of the DRÎ² domain is predicted to influence peptide binding and plays a central role in allorecognition. <i>European Journal of Immunology</i> , 1993, 23, 343-349.	1.6	37
44	Identification of T-Cell Epitopes. <i>Journal of Immunotherapy</i> , 1993, 14, 94-103.	1.2	210
45	Role of endogenous peptide in human alloreactive cytotoxic T cell responses. <i>International Immunology</i> , 1992, 4, 367-375.	1.8	44
46	Mutant HLA-A201 heavy chains with lowered affinity for Î²2m are transported after growth at reduced temperatures. <i>Human Immunology</i> , 1992, 35, 40-49.	1.2	19
47	A binding site for the T-cell co-receptor CD8 on the Î±3 domain of HLA-A2. <i>Nature</i> , 1990, 345, 41-46.	13.7	504
48	Polymorphism in the Î±3 domain of HLA-A molecules affects binding to CD8. <i>Nature</i> , 1989, 338, 345-347.	13.7	240
49	Mutually exclusive public epitopes of HLA-A,B,C molecules. <i>Human Immunology</i> , 1989, 26, 85-89.	1.2	18
50	Cytotoxic T Cell and Antibody Recognition of HLA-A2,A28 Molecules Analyzed by Site Directed Mutagenesis. , 1989, , 103-104.		2
51	Cell-cell adhesion mediated by CD8 and MHC class I molecules. <i>Nature</i> , 1988, 336, 79-81.	13.7	408
52	Expression of differentiation antigens by hybrids of human lymphoblastoid cells. <i>Human Immunology</i> , 1986, 17, 443-455.	1.2	3
53	Genes regulating HLA class I antigen expression in T-B lymphoblast hybrids. <i>Immunogenetics</i> , 1985, 21, 235-246.	1.2	587
54	Evidence for methylation as a regulatory mechanism in HLA-DR x gene expression. <i>Immunogenetics</i> , 1985, 22, 219-229.	1.2	17