

# Kerrilyn R Diener

## List of Publications by Citations

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59  
papers

1,494  
citations

19  
h-index

37  
g-index

61  
ext. papers

1,794  
ext. citations

5.9  
avg, IF

4.61  
L-index

#	Paper	IF	Citations
59	Cross-presentation of male seminal fluid antigens elicits T cell activation to initiate the female immune response to pregnancy. <i>Journal of Immunology</i> , <b>2009</b> , 182, 8080-93	5.3	173
58	Macrophages regulate corpus luteum development during embryo implantation in mice. <i>Journal of Clinical Investigation</i> , <b>2013</b> , 123, 3472-87	15.9	131
57	Label-free reflectometric interference microchip biosensor based on nanoporous alumina for detection of circulating tumour cells. <i>Biosensors and Bioelectronics</i> , <b>2012</b> , 35, 167-173	11.8	100
56	Innate Immunity and Biomaterials at the Nexus: Friends or Foes. <i>BioMed Research International</i> , <b>2015</b> , 2015, 342304	3	75
55	Improving vaccines by incorporating immunological adjuvants. <i>Expert Review of Vaccines</i> , <b>2007</b> , 6, 559-588	3.8	69
54	Therapeutic targeting of HMGB1 during experimental sepsis modulates the inflammatory cytokine profile to one associated with improved clinical outcomes. <i>Scientific Reports</i> , <b>2017</b> , 7, 5850	4.9	64
53	The multifunctional alarmin HMGB1 with roles in the pathophysiology of sepsis and cancer. <i>Immunology and Cell Biology</i> , <b>2013</b> , 91, 443-50	5	59
52	The Role of Surface Nanotopography and Chemistry on Primary Neutrophil and Macrophage Cellular Responses. <i>Advanced Healthcare Materials</i> , <b>2016</b> , 5, 956-65	10.1	57
51	Dasatinib inhibits recombinant viral antigen-specific murine CD4+ and CD8+ T-cell responses and NK-cell cytolytic activity in vitro and in vivo. <i>Experimental Hematology</i> , <b>2009</b> , 37, 256-65	3.1	51
50	Evaluation of trained immunity by $\beta$ 1, 3 (d)-glucan on murine monocytes in vitro and duration of response in vivo. <i>Immunology and Cell Biology</i> , <b>2017</b> , 95, 601-610	5	46
49	Regulatory B Cells in Pregnancy: Lessons from Autoimmunity, Graft Tolerance, and Cancer. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 172	8.4	46
48	Plasmacytoid dendritic cells protect from viral bronchiolitis and asthma through semaphorin 4a-mediated T reg expansion. <i>Journal of Experimental Medicine</i> , <b>2018</b> , 215, 537-557	16.6	45
47	A vaccinia-based single vector construct multi-pathogen vaccine protects against both Zika and chikungunya viruses. <i>Nature Communications</i> , <b>2018</b> , 9, 1230	17.4	44
46	Dasatinib inhibits the secretion of TNF-alpha following TLR stimulation in vitro and in vivo. <i>Experimental Hematology</i> , <b>2009</b> , 37, 1435-44	3.1	33
45	The majority of murine $\Gamma$ cells at the maternal-fetal interface in pregnancy produce IL-17. <i>Immunology and Cell Biology</i> , <b>2016</b> , 94, 623-30	5	32
44	Immobilized streptavidin gradients as bioconjugation platforms. <i>Langmuir</i> , <b>2012</b> , 28, 2710-7	4	32
43	The contribution of inflammasome components on macrophage response to surface nanotopography and chemistry. <i>Scientific Reports</i> , <b>2016</b> , 6, 26207	4.9	29

42	In vivo targeting of dead tumor cells in a murine tumor model using a monoclonal antibody specific for the La autoantigen. <i>Clinical Cancer Research</i> , <b>2007</b> , 13, 5519s-5527s	12.9	27
41	T-cell recognition of a prostate specific antigen is not sufficient to induce prostate tissue destruction. <i>Prostate</i> , <b>2006</b> , 66, 578-90	4.2	23
40	Alcohol-induced sedation and synergistic interactions between alcohol and morphine: a key mechanistic role for Toll-like receptors and MyD88-dependent signaling. <i>Brain, Behavior, and Immunity</i> , <b>2015</b> , 45, 245-52	16.6	18
39	Human Flt-3-ligand-mobilized dendritic cells require additional activation to drive effective immune responses. <i>Experimental Hematology</i> , <b>2008</b> , 36, 51-60	3.1	17
38	An immunogenic phenotype in paternal antigen-specific CD8 T cells at embryo implantation elicits later fetal loss in mice. <i>Immunology and Cell Biology</i> , <b>2017</b> , 95, 705-715	5	16
37	Gamma-irradiated influenza virus uniquely induces IFN-I mediated lymphocyte activation independent of the TLR7/MyD88 pathway. <i>PLoS ONE</i> , <b>2011</b> , 6, e25765	3.7	16
36	Inflammasome components ASC and AIM2 modulate the acute phase of biomaterial implant-induced foreign body responses. <i>Scientific Reports</i> , <b>2016</b> , 6, 20635	4.9	16
35	Transforming growth factor-beta-mediated signaling in T lymphocytes impacts on prostate-specific immunity and early prostate tumor progression. <i>Laboratory Investigation</i> , <b>2009</b> , 89, 142-51	5.9	15
34	Scrutinizing calcium flux oscillations in T lymphocytes to deduce the strength of stimulus. <i>Scientific Reports</i> , <b>2015</b> , 5, 7760	4.9	15
33	Hybrid core/shell microparticles and their use for understanding biological processes. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 457, 9-17	9.3	14
32	Solid-state capture and real-time analysis of individual T cell activation via self-assembly of binding multimeric proteins on functionalized materials surfaces. <i>Acta Biomaterialia</i> , <b>2012</b> , 8, 99-107	10.8	14
31	Type I interferons mediate the innate cytokine response to recombinant fowlpox virus but not the induction of plasmacytoid dendritic cell-dependent adaptive immunity. <i>Journal of Virology</i> , <b>2010</b> , 84, 6549-63	6.6	14
30	Innate immune recognition of poxviral vaccine vectors. <i>Expert Review of Vaccines</i> , <b>2011</b> , 10, 1435-49	5.2	13
29	Dasatinib alters the metastatic phenotype of B16-OVA melanoma in vivo. <i>Cancer Biology and Therapy</i> , <b>2010</b> , 10, 715-27	4.6	13
28	CoVaccine HT <sup>®</sup> adjuvant is superior to Freund's adjuvants in eliciting antibodies against the endogenous alarmin HMGB1. <i>Journal of Immunological Methods</i> , <b>2016</b> , 439, 37-43	2.5	13
27	Multi-parameter flow cytometric analysis of uterine immune cell fluctuations over the murine estrous cycle. <i>Journal of Reproductive Immunology</i> , <b>2016</b> , 113, 61-7	4.2	12
26	Production of a Chikungunya Vaccine Using a CHO Cell and Attenuated Viral-Based Platform Technology. <i>Molecular Therapy</i> , <b>2017</b> , 25, 2332-2344	11.7	12
25	The functional contribution of calcium ion flux heterogeneity in T cells. <i>Immunology and Cell Biology</i> , <b>2015</b> , 93, 694-704	5	11

24	Toll-Like Receptor-4 Antagonist (+)-Naltrexone Protects Against Carbamyl-Platelet Activating Factor (cPAF)-Induced Preterm Labor in Mice. <i>American Journal of Pathology</i> , <b>2020</b> , 190, 1030-1045	5.8	10
23	Trophoblasts promote induction of a regulatory phenotype in B cells that can protect against detrimental T cell-mediated inflammation. <i>American Journal of Reproductive Immunology</i> , <b>2019</b> , 82, e13187	3.8	10
22	Uterine B Cells Exhibit Regulatory Properties During the Peri-Implantation Stage of Murine Pregnancy. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 2899	8.4	10
21	An empirical approach towards the efficient and optimal production of influenza-neutralizing ovine polyclonal antibodies demonstrates that the novel adjuvant CoVaccine HTIs functionally superior to Freund's adjuvant. <i>PLoS ONE</i> , <b>2013</b> , 8, e68895	3.7	8
20	Antigen-specific T-cell responses to a recombinant fowlpox virus are dependent on MyD88 and interleukin-18 and independent of Toll-like receptor 7 (TLR7)- and TLR9-mediated innate immune recognition. <i>Journal of Virology</i> , <b>2011</b> , 85, 3385-96	6.6	8
19	Individual and Population Quantitative Analyses of Calcium Flux in T-Cells Activated on Functionalized Material Surfaces. <i>Australian Journal of Chemistry</i> , <b>2012</b> , 65, 45	1.2	8
18	Recombinant fowlpox virus elicits transient cytotoxic T cell responses due to suboptimal innate recognition and recruitment of T cell help. <i>Vaccine</i> , <b>2008</b> , 26, 3566-73	4.1	8
17	Preserved antiviral adaptive immunity following polyclonal antibody immunotherapy for severe murine influenza infection. <i>Scientific Reports</i> , <b>2016</b> , 6, 29154	4.9	8
16	The vaccinia virus based Sementis Copenhagen Vector vaccine against Zika and chikungunya is immunogenic in non-human primates. <i>Npj Vaccines</i> , <b>2020</b> , 5, 44	9.5	7
15	Regulatory B Cells: Dark Horse in Pregnancy Immunotherapy?. <i>Journal of Molecular Biology</i> , <b>2021</b> , 433, 166596	6.5	7
14	It takes a community to conceive: an analysis of the scope, nature and accuracy of online sources of health information for couples trying to conceive. <i>Reproductive Biomedicine and Society Online</i> , <b>2019</b> , 9, 48-63	1.2	6
13	Cytolytic DNA vaccine encoding lytic perforin augments the maturation of- and antigen presentation by- dendritic cells in a time-dependent manner. <i>Scientific Reports</i> , <b>2017</b> , 7, 8530	4.9	6
12	Flt3 ligand expands dendritic cell numbers in normal and malignant murine prostate. <i>Immunology and Cell Biology</i> , <b>2002</b> , 80, 370-81	5	6
11	Induction of both cellular and humoral immunity following a rational prime-boost immunization regimen that incorporates recombinant ovine adenovirus and fowlpox virus. <i>Vaccine Journal</i> , <b>2010</b> , 17, 1679-86		5
10	Maternal host responses to poly(I:C) during pregnancy leads to both dysfunctional immune profiles and altered behaviour in the offspring. <i>American Journal of Reproductive Immunology</i> , <b>2020</b> , 84, e13260	3.8	4
9	Transient dominant host-range selection using Chinese hamster ovary cells to generate marker-free recombinant viral vectors from vaccinia virus. <i>BioTechniques</i> , <b>2017</b> , 62, 183-187	2.5	4
8	Unravelling the complexity of cancer-immune system interplay. <i>Expert Review of Anticancer Therapy</i> , <b>2010</b> , 10, 917-34	3.5	4
7	Macrophages exert homeostatic actions in pregnancy to protect against preterm birth and fetal inflammatory injury. <i>JCI Insight</i> , <b>2021</b> , 6,	9.9	4

6	Polyinosinic: Polycytidylic Acid and Murine Cytomegalovirus Modulate Expression of Murine IL-10 and IL-21 in White Adipose Tissue. <i>Viruses</i> , <b>2020</b> , 12,	6.2	2
5	The Use of CRISPR/Cas9 Gene Editing to Confirm Congenic Contaminations in Host-Pathogen Interaction Studies. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2018</b> , 8, 87	5.9	2
4	Making an avipoxvirus encoding a tumor-associated antigen and a costimulatory molecule. <i>Methods in Molecular Biology</i> , <b>2014</b> , 1139, 407-27	1.4	1
3	High mobility group box protein 1 neutralization therapy in ovine bacteremia: Lessons learned from an ovine septic shock model incorporating intensive care support. <i>Experimental and Therapeutic Medicine</i> , <b>2019</b> , 18, 3271-3280	2.1	1
2	Regulatory B Cells1-8		
1	B cell pathology and recurrent pregnancy loss <b>2022</b> , 55-70		