

Kerrilyn R Diener

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | B cell pathology and recurrent pregnancy loss 2022 , 55-70 | | |
| 58 | Macrophages exert homeostatic actions in pregnancy to protect against preterm birth and fetal inflammatory injury. <i>JCI Insight</i> , 2021 , 6, | 9.9 | 4 |
| 57 | Regulatory B Cells: Dark Horse in Pregnancy Immunotherapy?. <i>Journal of Molecular Biology</i> , 2021 , 433, 166596 | 6.5 | 7 |
| 56 | 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> , 2020 , 84, e13260 | 3.8 | 4 |
| 55 | Polyinosinic: Polycytidylic Acid and Murine Cytomegalovirus Modulate Expression of Murine IL-10 and IL-21 in White Adipose Tissue. <i>Viruses</i> , 2020 , 12, | 6.2 | 2 |
| 54 | The vaccinia virus based Sementis Copenhagen Vector vaccine against Zika and chikungunya is immunogenic in non-human primates. <i>Npj Vaccines</i> , 2020 , 5, 44 | 9.5 | 7 |
| 53 | Toll-Like Receptor-4 Antagonist (+)-Naltrexone Protects Against Carbamyl-Platelet Activating Factor (cPAF)-Induced Preterm Labor in Mice. <i>American Journal of Pathology</i> , 2020 , 190, 1030-1045 | 5.8 | 10 |
| 52 | 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> , 2019 , 9, 48-63 | 1.2 | 6 |
| 51 | 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> , 2019 , 82, e13187 | 3.8 | 10 |
| 50 | 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> , 2019 , 18, 3271-3280 | 2.1 | 1 |
| 49 | Uterine B Cells Exhibit Regulatory Properties During the Peri-Implantation Stage of Murine Pregnancy. <i>Frontiers in Immunology</i> , 2019 , 10, 2899 | 8.4 | 10 |
| 48 | Plasmacytoid dendritic cells protect from viral bronchiolitis and asthma through semaphorin 4a-mediated T reg expansion. <i>Journal of Experimental Medicine</i> , 2018 , 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> , 2018 , 9, 1230 | 17.4 | 44 |
| 46 | The Use of CRISPR/Cas9 Gene Editing to Confirm Congenic Contaminations in Host-Pathogen Interaction Studies. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018 , 8, 87 | 5.9 | 2 |
| 45 | Evaluation of trained immunity by β 1, 3 (d)-glucan on murine monocytes in vitro and duration of response in vivo. <i>Immunology and Cell Biology</i> , 2017 , 95, 601-610 | 5 | 46 |
| 44 | 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> , 2017 , 95, 705-715 | 5 | 16 |
| 43 | Transient dominant host-range selection using Chinese hamster ovary cells to generate marker-free recombinant viral vectors from vaccinia virus. <i>BioTechniques</i> , 2017 , 62, 183-187 | 2.5 | 4 |

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| 42 | 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> , 2017 , 7, 8530 | 4.9 | 6 |
| 41 | Production of a Chikungunya Vaccine Using a CHO Cell and Attenuated Viral-Based Platform Technology. <i>Molecular Therapy</i> , 2017 , 25, 2332-2344 | 11.7 | 12 |
| 40 | Therapeutic targeting of HMGB1 during experimental sepsis modulates the inflammatory cytokine profile to one associated with improved clinical outcomes. <i>Scientific Reports</i> , 2017 , 7, 5850 | 4.9 | 64 |
| 39 | Regulatory B Cells in Pregnancy: Lessons from Autoimmunity, Graft Tolerance, and Cancer. <i>Frontiers in Immunology</i> , 2017 , 8, 172 | 8.4 | 46 |
| 38 | The majority of murine Γ cells at the maternal-fetal interface in pregnancy produce IL-17. <i>Immunology and Cell Biology</i> , 2016 , 94, 623-30 | 5 | 32 |
| 37 | Multi-parameter flow cytometric analysis of uterine immune cell fluctuations over the murine estrous cycle. <i>Journal of Reproductive Immunology</i> , 2016 , 113, 61-7 | 4.2 | 12 |
| 36 | The Role of Surface Nanotopography and Chemistry on Primary Neutrophil and Macrophage Cellular Responses. <i>Advanced Healthcare Materials</i> , 2016 , 5, 956-65 | 10.1 | 57 |
| 35 | Preserved antiviral adaptive immunity following polyclonal antibody immunotherapy for severe murine influenza infection. <i>Scientific Reports</i> , 2016 , 6, 29154 | 4.9 | 8 |
| 34 | Inflammasome components ASC and AIM2 modulate the acute phase of biomaterial implant-induced foreign body responses. <i>Scientific Reports</i> , 2016 , 6, 20635 | 4.9 | 16 |
| 33 | The contribution of inflammasome components on macrophage response to surface nanotopography and chemistry. <i>Scientific Reports</i> , 2016 , 6, 26207 | 4.9 | 29 |
| 32 | CoVaccine HT Δ adjuvant is superior to Freund's adjuvants in eliciting antibodies against the endogenous alarmin HMGB1. <i>Journal of Immunological Methods</i> , 2016 , 439, 37-43 | 2.5 | 13 |
| 31 | Hybrid core/shell microparticles and their use for understanding biological processes. <i>Journal of Colloid and Interface Science</i> , 2015 , 457, 9-17 | 9.3 | 14 |
| 30 | Innate Immunity and Biomaterials at the Nexus: Friends or Foes. <i>BioMed Research International</i> , 2015 , 2015, 342304 | 3 | 75 |
| 29 | The functional contribution of calcium ion flux heterogeneity in T cells. <i>Immunology and Cell Biology</i> , 2015 , 93, 694-704 | 5 | 11 |
| 28 | 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> , 2015 , 45, 245-52 | 16.6 | 18 |
| 27 | Scrutinizing calcium flux oscillations in T lymphocytes to deduce the strength of stimulus. <i>Scientific Reports</i> , 2015 , 5, 7760 | 4.9 | 15 |
| 26 | Making an avipoxvirus encoding a tumor-associated antigen and a costimulatory molecule. <i>Methods in Molecular Biology</i> , 2014 , 1139, 407-27 | 1.4 | 1 |
| 25 | The multifunctional alarmin HMGB1 with roles in the pathophysiology of sepsis and cancer. <i>Immunology and Cell Biology</i> , 2013 , 91, 443-50 | 5 | 59 |

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|----|--|------|-----|
| 24 | 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> , 2013 , 8, e68895 | 3.7 | 8 |
| 23 | Macrophages regulate corpus luteum development during embryo implantation in mice. <i>Journal of Clinical Investigation</i> , 2013 , 123, 3472-87 | 15.9 | 131 |
| 22 | Label-free reflectometric interference microchip biosensor based on nanoporous alumina for detection of circulating tumour cells. <i>Biosensors and Bioelectronics</i> , 2012 , 35, 167-173 | 11.8 | 100 |
| 21 | Immobilized streptavidin gradients as bioconjugation platforms. <i>Langmuir</i> , 2012 , 28, 2710-7 | 4 | 32 |
| 20 | 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> , 2012 , 8, 99-107 | 10.8 | 14 |
| 19 | Individual and Population Quantitative Analyses of Calcium Flux in T-Cells Activated on Functionalized Material Surfaces. <i>Australian Journal of Chemistry</i> , 2012 , 65, 45 | 1.2 | 8 |
| 18 | Innate immune recognition of poxviral vaccine vectors. <i>Expert Review of Vaccines</i> , 2011 , 10, 1435-49 | 5.2 | 13 |
| 17 | Gamma-irradiated influenza virus uniquely induces IFN-I mediated lymphocyte activation independent of the TLR7/MyD88 pathway. <i>PLoS ONE</i> , 2011 , 6, e25765 | 3.7 | 16 |
| 16 | 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> , 2011 , 85, 3385-96 | 6.6 | 8 |
| 15 | 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> , 2010 , 17, 1679-86 | | 5 |
| 14 | Unravelling the complexity of cancer-immune system interplay. <i>Expert Review of Anticancer Therapy</i> , 2010 , 10, 917-34 | 3.5 | 4 |
| 13 | 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> , 2010 , 84, 6549-63 | 6.6 | 14 |
| 12 | Dasatinib alters the metastatic phenotype of B16-OVA melanoma in vivo. <i>Cancer Biology and Therapy</i> , 2010 , 10, 715-27 | 4.6 | 13 |
| 11 | 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> , 2009 , 37, 256-65 | 3.1 | 51 |
| 10 | Dasatinib inhibits the secretion of TNF-alpha following TLR stimulation in vitro and in vivo. <i>Experimental Hematology</i> , 2009 , 37, 1435-44 | 3.1 | 33 |
| 9 | Transforming growth factor-beta-mediated signaling in T lymphocytes impacts on prostate-specific immunity and early prostate tumor progression. <i>Laboratory Investigation</i> , 2009 , 89, 142-51 | 5.9 | 15 |
| 8 | Cross-presentation of male seminal fluid antigens elicits T cell activation to initiate the female immune response to pregnancy. <i>Journal of Immunology</i> , 2009 , 182, 8080-93 | 5.3 | 173 |
| 7 | Human Flt-3-ligand-mobilized dendritic cells require additional activation to drive effective immune responses. <i>Experimental Hematology</i> , 2008 , 36, 51-60 | 3.1 | 17 |

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| 6 | Recombinant fowlpox virus elicits transient cytotoxic T cell responses due to suboptimal innate recognition and recruitment of T cell help. <i>Vaccine</i> , 2008 , 26, 3566-73 | 4.1 | 8 |
| 5 | 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> , 2007 , 13, 5519s-5527s | 12.9 | 27 |
| 4 | Improving vaccines by incorporating immunological adjuvants. <i>Expert Review of Vaccines</i> , 2007 , 6, 559-78 | 69 | |
| 3 | T-cell recognition of a prostate specific antigen is not sufficient to induce prostate tissue destruction. <i>Prostate</i> , 2006 , 66, 578-90 | 4.2 | 23 |
| 2 | Flt3 ligand expands dendritic cell numbers in normal and malignant murine prostate. <i>Immunology and Cell Biology</i> , 2002 , 80, 370-81 | 5 | 6 |
| 1 | Regulatory B Cells1-8 | | |