

Brian C Schaefer

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

4,627
citations

126907

33
h-index

175258

52
g-index

59
all docs

59
docs citations

59
times ranked

8325
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Observation of Antigen-Dependent CD8+ T-Cell/ Dendritic Cell Interactions in Vivo. Cellular Immunology, 2001, 214, 110-122. | 3.0 | 401 |
| 2 | T Cells Compete for Access to Antigen-Bearing Antigen-Presenting Cells. Journal of Experimental Medicine, 2000, 192, 1105-1114. | 8.5 | 397 |
| 3 | Revolutions in Rapid Amplification of cDNA Ends: New Strategies for Polymerase Chain Reaction Cloning of Full-Length cDNA Ends. Analytical Biochemistry, 1995, 227, 255-273. | 2.4 | 325 |
| 4 | Epstein-Barr Virus Latent Membrane Protein 1 Induces Cellular MicroRNA miR-146a, a Modulator of Lymphocyte Signaling Pathways. Journal of Virology, 2008, 82, 1946-1958. | 3.4 | 273 |
| 5 | Homeostasis of $\hat{1}\hat{2}$ TCR+ T cells. Nature Immunology, 2000, 1, 107-111. | 14.5 | 239 |
| 6 | T cells down-modulate peptide-MHC complexes on APCs in vivo. Nature Immunology, 2002, 3, 27-32. | 14.5 | 219 |
| 7 | Immunological adjuvants promote activated T cell survival via induction of Bcl-3. Nature Immunology, 2001, 2, 397-402. | 14.5 | 209 |
| 8 | Activation changes the spectrum but not the diversity of genes expressed by T cells. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 12691-12696. | 7.1 | 205 |
| 9 | Selective Autophagy of the Adaptor Protein Bcl10 Modulates T Cell Receptor Activation of NF- \hat{p} B. Immunity, 2012, 36, 947-958. | 14.3 | 181 |
| 10 | CARD9+ microglia promote antifungal immunity via IL-1 $\hat{2}$ - and CXCL1-mediated neutrophil recruitment. Nature Immunology, 2019, 20, 559-570. | 14.5 | 162 |
| 11 | Redefining the Epstein-Barr virus-encoded nuclear antigen EBNA-1 gene promoter and transcription initiation site in group I Burkitt lymphoma cell lines.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 10565-10569. | 7.1 | 151 |
| 12 | Directed Migration of Positively Selected Thymocytes Visualized in Real Time. PLoS Biology, 2005, 3, e160. | 5.6 | 149 |
| 13 | MEKK2 Associates with the Adapter Protein Lad/RIBP and Regulates the MEK5-BMK1/ERK5 Pathway. Journal of Biological Chemistry, 2001, 276, 5093-5100. | 3.4 | 138 |
| 14 | Exclusive expression of Epstein-Barr virus nuclear antigen 1 in Burkitt lymphoma arises from a third promoter, distinct from the promoters used in latently infected lymphocytes.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 6550-6554. | 7.1 | 124 |
| 15 | Constitutive association of the proapoptotic protein Bim with Bcl-2-related proteins on mitochondria in T cells. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 7681-7686. | 7.1 | 120 |
| 16 | A new look at T cell receptor signaling to nuclear factor- \hat{p} B. Trends in Immunology, 2013, 34, 269-281. | 6.8 | 118 |
| 17 | Activation-Induced Inhibition of Interleukin 6-Mediated T Cell Survival and Signal Transducer and Activator of Transcription 1 Signaling. Journal of Experimental Medicine, 2000, 191, 915-926. | 8.5 | 87 |
| 18 | Host-Cell-Determined Methylation of Specific Epstein-Barr Virus Promoters Regulates the Choice between Distinct Viral Latency Programs. Molecular and Cellular Biology, 1997, 17, 364-377. | 2.3 | 80 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Controlled Cortical Impact and Craniotomy Induce Strikingly Similar Profiles of Inflammatory Gene Expression, but with Distinct Kinetics. <i>Frontiers in Neurology</i> , 2012, 3, 155. | 2.4 | 76 |
| 20 | Constitutive Activation of Epstein-Barr Virus (EBV) Nuclear Antigen 1 Gene Transcription by IRF1 and IRF2 during Restricted EBV Latency. <i>Molecular and Cellular Biology</i> , 1997, 17, 873-886. | 2.3 | 73 |
| 21 | Analysis of tumor-associated stromal cells using SCID GFP transgenic mice: contribution of local and bone marrow-derived host cells. <i>FASEB Journal</i> , 2006, 20, 95-102. | 0.5 | 72 |
| 22 | Cutting Edge: TCR Ligation Triggers Digital Activation of NF- κ B. <i>Journal of Immunology</i> , 2010, 185, 4520-4524. | 0.8 | 66 |
| 23 | The Epstein-Barr virus BamHI F promoter is an early lytic promoter: lack of correlation with EBNA 1 gene transcription in group 1 Burkitt's lymphoma cell lines. <i>Journal of Virology</i> , 1995, 69, 5039-5047. | 3.4 | 60 |
| 24 | Complex and dynamic redistribution of NF- κ B signaling intermediates in response to T cell receptor stimulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 1004-1009. | 7.1 | 57 |
| 25 | Genomic-scale analysis of gene expression in resting and activated T cells. <i>Current Opinion in Immunology</i> , 2000, 12, 206-209. | 5.5 | 54 |
| 26 | Live Cell Fluorescence Imaging of T Cell MEKK2. <i>Immunity</i> , 1999, 11, 411-421. | 14.3 | 50 |
| 27 | Cell surface expression of the HIV-1 envelope glycoproteins is directed from intracellular CTLA-4-containing regulated secretory granules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 8031-8036. | 7.1 | 45 |
| 28 | T Cell Receptor Signals to NF- κ B Are Transmitted by a Cytosolic p62-Bcl10-Malt1-IKK Signalosome. <i>Science Signaling</i> , 2014, 7, ra45. | 3.6 | 41 |
| 29 | Salsalate treatment following traumatic brain injury reduces inflammation and promotes a neuroprotective and neurogenic transcriptional response with concomitant functional recovery. <i>Brain, Behavior, and Immunity</i> , 2017, 61, 96-109. | 4.1 | 41 |
| 30 | HTLV-1 Tax Stimulates Ubiquitin E3 Ligase, Ring Finger Protein 8, to Assemble Lysine 63-Linked Polyubiquitin Chains for TAK1 and IKK Activation. <i>PLoS Pathogens</i> , 2015, 11, e1005102. | 4.7 | 41 |
| 31 | POLKADOTS Are Foci of Functional Interactions in T-Cell Receptor-mediated Signaling to NF- κ B. <i>Molecular Biology of the Cell</i> , 2006, 17, 2166-2176. | 2.1 | 38 |
| 32 | Blood Fluke Exploitation of Non-Cognate CD4+ T Cell Help to Facilitate Parasite Development. <i>PLoS Pathogens</i> , 2010, 6, e1000892. | 4.7 | 36 |
| 33 | Loss of Protein Kinase C δ , Bcl10, or Malt1 Selectively Impairs Proliferation and NF- κ B Activation in the CD4+ T Cell Subset. <i>Journal of Immunology</i> , 2008, 181, 6244-6254. | 0.8 | 35 |
| 34 | Multiple Protein Domains Mediate Interaction between Bcl10 and MALT1. <i>Journal of Biological Chemistry</i> , 2008, 283, 32419-32431. | 3.4 | 34 |
| 35 | Enhanced Autophagy Contributes to Reduced Viral Infection in Black Flying Fox Cells. <i>Viruses</i> , 2019, 11, 260. | 3.3 | 34 |
| 36 | Malt1 and cIAP2 as effectors of NF- κ B activation: Kissing cousins or distant relatives?. <i>Cellular Signalling</i> , 2010, 22, 9-22. | 3.6 | 28 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Genetic targeting of Card19 is linked to disrupted NINJ1 expression, impaired cell lysis, and increased susceptibility to Yersinia infection. <i>PLoS Pathogens</i> , 2021, 17, e1009967. | 4.7 | 25 |
| 38 | A Novel Family of Retroviral Vectors for the Rapid Production of Complex Stable Cell Lines. <i>Analytical Biochemistry</i> , 2001, 297, 86-93. | 2.4 | 20 |
| 39 | An active kinase domain is required for retention of PKC ζ at the T cell immunological synapse. <i>Molecular Biology of the Cell</i> , 2011, 22, 3491-3497. | 2.1 | 18 |
| 40 | A simple reverse transcriptase PCR assay to distinguish EBNA1 gene transcripts associated with type I and II latency from those arising during induction of the viral lytic cycle. <i>Journal of Virology</i> , 1996, 70, 8204-8208. | 3.4 | 16 |
| 41 | Selective autophagy regulates T cell activation. <i>Autophagy</i> , 2012, 8, 1690-1692. | 9.1 | 14 |
| 42 | Expanding the multicolor capabilities of basic confocal microscopes by employing red and near-infrared quantum dot conjugates. <i>BMC Biotechnology</i> , 2009, 9, 49. | 3.3 | 7 |
| 43 | Visualizing TCR-Induced POLKADOTS Formation and NF- κ B Activation in the D10 T-Cell Clone and Mouse Primary Effector T Cells. <i>Methods in Molecular Biology</i> , 2015, 1280, 219-238. | 0.9 | 7 |
| 44 | Bcl10 is associated with actin dynamics at the T cell immune synapse. <i>Cellular Immunology</i> , 2020, 356, 104161. | 3.0 | 6 |
| 45 | Intrinsic Differences in Donor CD4 T Cell IL-2 Production Influence Severity of Parent-into-F1 Murine Lupus by Skewing the Immune Response Either toward Help for B Cells and a Sustained Autoantibody Response or toward Help for CD8 T Cells and a Downregulatory Th1 Response. <i>Journal of Immunology</i> , 2015, 195, 2985-3000. | 0.8 | 5 |
| 46 | T Cell Receptor Activation of NF- κ B in Effector T Cells: Visualizing Signaling Events Within and Beyond the Cytoplasmic Domain of the Immunological Synapse. <i>Methods in Molecular Biology</i> , 2017, 1584, 101-127. | 0.9 | 5 |
| 47 | CARD19, the protein formerly known as BinCARD, is a mitochondrial protein that does not regulate Bcl10-dependent NF- κ B activation after TCR engagement. <i>Cellular Immunology</i> , 2020, 356, 104179. | 3.0 | 5 |
| 48 | Signaling through polymerization and degradation: Analysis and simulations of T cell activation mediated by Bcl10. <i>PLoS Computational Biology</i> , 2021, 17, e1007986. | 3.2 | 5 |
| 49 | The CBM complex: A growing multiplicity of cellular functions, regulatory mechanisms and connections to human disease. <i>Cellular Immunology</i> , 2020, 356, 104189. | 3.0 | 4 |
| 50 | Establishment of a longitudinal pre-clinical model of lyssavirus infection. <i>Journal of Virological Methods</i> , 2020, 281, 113882. | 2.1 | 4 |
| 51 | Isolation and Characterization of Cross-Reactive Human Monoclonal Antibodies That Potently Neutralize Australian Bat Lyssavirus Variants and Other Phylogroup 1 Lyssaviruses. <i>Viruses</i> , 2021, 13, 391. | 3.3 | 4 |
| 52 | Longitudinal Tracing of Lyssavirus Infection in Mice via In Vivo Bioluminescence Imaging. <i>Methods in Molecular Biology</i> , 2022, , 369-394. | 0.9 | 1 |
| 53 | Abstract 2939: Tumor associated myeloid cell transcriptome signatures in an inducible Kras-positive lung adenocarcinoma murine model. , 2017, , . | | 0 |
| 54 | Abstract 4000: Establishing the natural history of the immunosuppressive myeloid microenvironment in an inducible model of lung adenocarcinoma. , 2017, , . | | 0 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | CARD19 Interacts with Mitochondrial Contact Site and Cristae Organizing System Constituent Proteins and Regulates Cristae Morphology. <i>Cells</i> , 2022, 11, 1175. | 4.1 | 0 |