

# Julie Magarian Blander

## List of Publications by Year in descending order

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Version: 2024-02-01

71  
papers

8,586  
citations

87888

38  
h-index

85541

71  
g-index

74  
all docs

74  
docs citations

74  
times ranked

13725  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Regulation of Phagosome Maturation by Signals from Toll-Like Receptors. <i>Science</i> , 2004, 304, 1014-1018.   | 12.6 | 920       |
| 2  | Instruction of Distinct CD4 T Helper Cell Fates by Different Notch Ligands on Antigen-Presenting Cells. <i>Cell</i> , 2004, 117, 515-526.  | 28.9 | 816       |
| 3  | Toll-dependent selection of microbial antigens for presentation by dendritic cells. <i>Nature</i> , 2006, 440, 808-812.  | 27.8 | 712       |
| 4  | B cell–helper neutrophils stimulate the diversification and production of immunoglobulin in the marginal zone of the spleen. <i>Nature Immunology</i> , 2012, 13, 170-180.                           | 14.5 | 615       |
| 5  | Mucus Enhances Gut Homeostasis and Oral Tolerance by Delivering Immunoregulatory Signals. <i>Science</i> , 2013, 342, 447-453.   | 12.6 | 508       |
| 6  | Regulation of inflammation by microbiota interactions with the host. <i>Nature Immunology</i> , 2017, 18, 851-860.   | 14.5 | 467       |
| 7  | Detection of prokaryotic mRNA signifies microbial viability and promotes immunity. <i>Nature</i> , 2011, 474, 385-389.   | 27.8 | 378       |
| 8  | Innate immune recognition of infected apoptotic cells directs TH17 cell differentiation. <i>Nature</i> , 2009, 458, 78-82.   | 27.8 | 311       |
| 9  | Hepatic acute-phase proteins control innate immune responses during infection by promoting myeloid-derived suppressor cell function. <i>Journal of Experimental Medicine</i> , 2010, 207, 1453-1464. | 8.5  | 295       |
| 10 | TLR Signals Induce Phagosomal MHC-I Delivery from the Endosomal Recycling Compartment to Allow Cross-Presentation. <i>Cell</i> , 2014, 158, 506-521.   | 28.9 | 270       |
| 11 | On regulation of phagosome maturation and antigen presentation. <i>Nature Immunology</i> , 2006, 7, 1029-1035.   | 14.5 | 269       |
| 12 | STING Senses Microbial Viability to Orchestrate Stress-Mediated Autophagy of the Endoplasmic Reticulum. <i>Cell</i> , 2017, 171, 809-823.e13.  | 28.9 | 248       |
| 13 | Beyond pattern recognition: five immune checkpoints for scaling the microbial threat. <i>Nature Reviews Immunology</i> , 2012, 12, 215-225.  | 22.7 | 229       |
| 14 | Different tissue phagocytes sample apoptotic cells to direct distinct homeostasis programs. <i>Nature</i> , 2016, 539, 565-569.  | 27.8 | 166       |
| 15 | Death in the intestinal epithelium—basic biology and implications for inflammatory bowel disease. <i>FEBS Journal</i> , 2016, 283, 2720-2730.  | 4.7  | 141       |
| 16 | Regulation of the Cell Biology of Antigen Cross-Presentation. <i>Annual Review of Immunology</i> , 2018, 36, 717-753.  | 21.8 | 128       |
| 17 | Simultaneous Targeting of Toll- and Nod-Like Receptors Induces Effective Tumor-Specific Immune Responses. <i>Science Translational Medicine</i> , 2012, 4, 120ra16.                                  | 12.4 | 125       |
| 18 | A central role for Notch in effector CD8+ T cell differentiation. <i>Nature Immunology</i> , 2014, 15, 1143-1151.  | 14.5 | 115       |

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|----|---|------|-----------|
| 19 | A long-awaited merger of the pathways mediating host defence and programmed cell death. <i>Nature Reviews Immunology</i> , 2014, 14, 601-618.   | 22.7 | 104       |
| 20 | Prothymosin- $\beta$ inhibits HIV-1 via Toll-like receptor 4-mediated type I interferon induction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 10178-10183.   | 7.1  | 83        |
| 21 | CYLD Proteolysis Protects Macrophages from TNF-Mediated Auto-necroptosis Induced by LPS and Licensed by Type I IFN. <i>Cell Reports</i> , 2016, 15, 2449-2461.  | 6.4  | 83        |
| 22 | Apoptosis in response to microbial infection induces autoreactive TH17 cells. <i>Nature Immunology</i> , 2016, 17, 1084-1092.   | 14.5 | 79        |
| 23 | Macrophages Maintain Epithelium Integrity by Limiting Fungal Product Absorption. <i>Cell</i> , 2020, 183, 411-428.e16.  | 28.9 | 76        |
| 24 | Sensing Microbial Viability through Bacterial RNA Augments T Follicular Helper Cell and Antibody Responses. <i>Immunity</i> , 2018, 48, 584-598.e5.   | 14.3 | 71        |
| 25 | The soluble pattern recognition receptor PTX3 links humoral innate and adaptive immune responses by helping marginal zone B cells. <i>Journal of Experimental Medicine</i> , 2016, 213, 2167-2185.  | 8.5  | 69        |
| 26 | Caspase-8-Dependent Inflammatory Responses Are Controlled by Its Adaptor, FADD, and Necroptosis. <i>Immunity</i> , 2020, 52, 994-1006.e8.   | 14.3 | 69        |
| 27 | T helper 17 cells: discovery, function, and physiological trigger. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 1407-1421.   | 5.4  | 66        |
| 28 | Insights into phagocytosis-coupled activation of pattern recognition receptors and inflammasomes. <i>Current Opinion in Immunology</i> , 2014, 26, 100-110.   | 5.5  | 64        |
| 29 | Increasing complexity of NLRP3 inflammasome regulation. <i>Journal of Leukocyte Biology</i> , 2021, 109, 561-571.   | 3.3  | 64        |
| 30 | Signalling and phagocytosis in the orchestration of host defence. <i>Cellular Microbiology</i> , 2007, 9, 290-299.  | 2.1  | 61        |
| 31 | The many ways tissue phagocytes respond to dying cells. <i>Immunological Reviews</i> , 2017, 277, 158-173.  | 6.0  | 60        |
| 32 | Coupling Toll-like receptor signaling with phagocytosis: potentiation of antigen presentation. <i>Trends in Immunology</i> , 2007, 28, 19-25.   | 6.8  | 56        |
| 33 | The comings and goings of MHC class I molecules herald a new dawn in cross-presentation. <i>Immunological Reviews</i> , 2016, 272, 65-79.   | 6.0  | 55        |
| 34 | On cell death in the intestinal epithelium and its impact on gut homeostasis. <i>Current Opinion in Gastroenterology</i> , 2018, 34, 413-419.   | 2.3  | 53        |
| 35 | Infection and apoptosis as a combined inflammatory trigger. <i>Current Opinion in Immunology</i> , 2010, 22, 55-62.   | 5.5  | 51        |
| 36 | Alteration at a Single Amino Acid Residue in the T Cell Receptor $\beta$ Chain Complementarity Determining Region 2 Changes the Differentiation of Naive Cd4 T Cells in Response to Antigen from T Helper Cell Type 1 (Th1) to Th2. <i>Journal of Experimental Medicine</i> , 2000, 191, 2065-2074. | 8.5  | 50        |

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|----|---|------|-----------|
| 37 | IL-23 activates innate lymphoid cells to promote neonatal intestinal pathology. <i>Mucosal Immunology</i> , 2015, 8, 390-402.   | 6.0  | 50        |
| 38 | An Updated View of the Intracellular Mechanisms Regulating Cross-Presentation. <i>Frontiers in Immunology</i> , 2013, 4, 401.   | 4.8  | 49        |
| 39 | A TLR and Non-TLR Mediated Innate Response to Lentiviruses Restricts Hepatocyte Entry and Can be Ameliorated by Pharmacological Blockade. <i>Molecular Therapy</i> , 2012, 20, 2257-2267. | 8.2  | 42        |
| 40 | Caspase-11 interaction with NLRP3 potentiates the noncanonical activation of the NLRP3 inflammasome. <i>Nature Immunology</i> , 2022, 23, 705-717.  | 14.5 | 42        |
| 41 | Death-Defining Immune Responses After Apoptosis. <i>American Journal of Transplantation</i> , 2014, 14, 1488-1498.  | 4.7  | 41        |
| 42 | Phagocytosis and antigen presentation: a partnership initiated by Toll-like receptors. <i>Annals of the Rheumatic Diseases</i> , 2008, 67, iii44-iii49.                                   | 0.9  | 39        |
| 43 | Sensing Microbial RNA in the Cytosol. <i>Frontiers in Immunology</i> , 2013, 4, 468.  | 4.8  | 38        |
| 44 | Vita-PAMPs: Signatures of Microbial Viability. <i>Advances in Experimental Medicine and Biology</i> , 2013, 785, 1-8.   | 1.6  | 37        |
| 45 | Spotlight on TAP and its vital role in antigen presentation and cross-presentation. <i>Molecular Immunology</i> , 2022, 142, 105-119.   | 2.2  | 31        |
| 46 | Exploiting vita-PAMPs in vaccines. <i>Current Opinion in Pharmacology</i> , 2018, 41, 128-136.  | 3.5  | 27        |
| 47 | TAP dysfunction in dendritic cells enables noncanonical cross-presentation for T cell priming. <i>Nature Immunology</i> , 2021, 22, 497-509.  | 14.5 | 27        |
| 48 | A Pool of Central Memory-Like CD4 T Cells Contains Effector Memory Precursors. <i>Journal of Immunology</i> , 2003, 170, 2940-2948.   | 0.8  | 26        |
| 49 | Cell-autonomous stress responses in innate immunity. <i>Journal of Leukocyte Biology</i> , 2017, 101, 77-86.  | 3.3  | 26        |
| 50 | Revisiting the old link between infection and autoimmune disease with commensals and T helper 17 cells. <i>Immunologic Research</i> , 2012, 54, 50-68.                                    | 2.9  | 23        |
| 51 | Coordination of Incoming and Outgoing Traffic in Antigen-Presenting Cells by Pattern Recognition Receptors and T Cells. <i>Traffic</i> , 2011, 12, 1669-1676.                             | 2.7  | 22        |
| 52 | Nod-Like Receptors: Key Molecular Switches in the Conundrum of Cancer. <i>Frontiers in Immunology</i> , 2014, 5, 185.   | 4.8  | 19        |
| 53 | Reply to "Toll-like receptors and phagosome maturation". <i>Nature Immunology</i> , 2007, 8, 217-218.   | 14.5 | 15        |
| 54 | The unexpected link between infection-induced apoptosis and a T <sub>H</sub> 17 immune response. <i>Journal of Leukocyte Biology</i> , 2011, 89, 565-576.                                 | 3.3  | 13        |

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|----|---|------|-----------|
| 55 | Detection of a vita-PAMP STINGs cells into reticulophagy. <i>Autophagy</i> , 2018, 14, 1-3.   | 9.1  | 13        |
| 56 | Recognition of a Specific Self-Peptide: Self-MHC Class II Complex Is Critical for Positive Selection of Thymocytes Expressing the D10 TCR. <i>Journal of Immunology</i> , 2003, 170, 48-54.                 | 0.8  | 12        |
| 57 | Responding to infection and apoptosisâ€”â€”a task for T<sub>H</sub>17 cells. <i>Annals of the New York Academy of Sciences</i> , 2010, 1209, 56-67.   | 3.8  | 8         |
| 58 | Screening of Anti-MUC1 Antibodies for Reactivity with Native (Ascites) and Recombinant (Baculovirus) MUC1 and for Blocking MUC1 Specific Cytotoxic T-Lymphocytes. <i>Tumor Biology</i> , 1998, 19, 147-151. | 1.8  | 7         |
| 59 | Amino Acid Addiction. <i>Science</i> , 2009, 324, 1282-1283.  | 12.6 | 7         |
| 60 | ICOSTomizing Immunotherapies with T <sub>H</sub> 17. <i>Science Translational Medicine</i> , 2010, 2, 55ps52.   | 12.4 | 6         |
| 61 | Measuring Innate Immune Responses to Bacterial Viability. <i>Methods in Molecular Biology</i> , 2018, 1714, 167-190.  | 0.9  | 6         |
| 62 | A new approach for inflammatory bowel disease therapy. <i>Nature Medicine</i> , 2019, 25, 545-546.  | 30.7 | 6         |
| 63 | A Comprehensive Experimental Guide to Studying Crossâ€”Presentation in Dendritic Cells In Vitro. <i>Current Protocols in Immunology</i> , 2020, 131, e115.  | 3.6  | 4         |
| 64 | Attacking tumor cells with a dual ligand for innate immune receptors. <i>Oncotarget</i> , 2012, 3, 361-362.   | 1.8  | 4         |
| 65 | Innate Immune Cells Cast an Eye on DNA. <i>Journal of Molecular Cell Biology</i> , 2009, 1, 77-79.  | 3.3  | 3         |
| 66 | Inflammasome and toll-like receptor 9: Partners in crime in toxic liver injury. <i>Hepatology</i> , 2009, 49, 2119-2121.  | 7.3  | 3         |
| 67 | Designing a Type I Interferon Signaling Phagosome. <i>Immunity</i> , 2012, 37, 947-949.   | 14.3 | 3         |
| 68 | MerTK Blockade Fuels Anti-tumor Immunity. <i>Immunity</i> , 2020, 52, 212-214.  | 14.3 | 3         |
| 69 | "Flagellated" cancer cells propel anti-tumor immunity. <i>Oncolimmunology</i> , 2012, 1, 940-942.   | 4.6  | 2         |
| 70 | Analysis of the TLR/NF-Î²B Pathway in Antigen-Presenting Cells in Malignancies Promoted by Inflammation. <i>Methods in Molecular Biology</i> , 2009, 512, 99-117.   | 0.9  | 1         |
| 71 | A key ingredient for priming killer T cells. <i>Science</i> , 2018, 362, 641-642.   | 12.6 | 0         |