

Nathan D Mathewson

List of Publications by Year in descending order

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41
papers

3,431
citations

331259

21
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360668

35
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42
all docs

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docs citations

42
times ranked

6722
citing authors

#	ARTICLE	IF	CITATIONS
1	Neoantigen vaccine generates intratumoral T cell responses in phase Ib glioblastoma trial. <i>Nature</i> , 2019, 565, 234-239.	13.7	956
2	Gut microbiome-derived metabolites modulate intestinal epithelial cell damage and mitigate graft-versus-host disease. <i>Nature Immunology</i> , 2016, 17, 505-513.	7.0	536
3	Developmental and oncogenic programs in H3K27M gliomas dissected by single-cell RNA-seq. <i>Science</i> , 2018, 360, 331-335.	6.0	461
4	Interactions between cancer cells and immune cells drive transitions to mesenchymal-like states in glioblastoma. <i>Cancer Cell</i> , 2021, 39, 779-792.e11.	7.7	245
5	Inhibitory CD161 receptor identified in glioma-infiltrating T cells by single-cell analysis. <i>Cell</i> , 2021, 184, 1281-1298.e26.	13.5	210
6	Integrin $\alpha 6 \beta 1$ -TGF β -SOX4 Pathway Drives Immune Evasion in Triple-Negative Breast Cancer. <i>Cancer Cell</i> , 2021, 39, 54-67.e9.	7.7	99
7	Single-Cell RNA-Seq Reveals Cellular Hierarchies and Impaired Developmental Trajectories in Pediatric Ependymoma. <i>Cancer Cell</i> , 2020, 38, 44-59.e9.	7.7	94
8	Danger Signals and Graft-versus-host Disease: Current Understanding and Future Perspectives. <i>Frontiers in Immunology</i> , 2016, 7, 539.	2.2	85
9	Mature T cell responses are controlled by microRNA-142. <i>Journal of Clinical Investigation</i> , 2015, 125, 2825-2840.	3.9	81
10	Siglec-G-CD24 axis controls the severity of graft-versus-host disease in mice. <i>Blood</i> , 2014, 123, 3512-3523.	0.6	76
11	Neddylation plays an important role in the regulation of murine and human dendritic cell function. <i>Blood</i> , 2013, 122, 2062-2073.	0.6	66
12	Opposing immune and genetic mechanisms shape oncogenic programs in synovial sarcoma. <i>Nature Medicine</i> , 2021, 27, 289-300.	15.2	64
13	PU.1-Dependent Transcriptional Regulation of miR-142 Contributes to Its Hematopoietic Cell-Specific Expression and Modulation of IL-6. <i>Journal of Immunology</i> , 2013, 190, 4005-4013.	0.4	60
14	CARM1 Inhibition Enables Immunotherapy of Resistant Tumors by Dual Action on Tumor Cells and T Cells. <i>Cancer Discovery</i> , 2021, 11, 2050-2071.	7.7	43
15	A Critical Analysis of the Role of SNARE Protein SEC22B in Antigen Cross-Presentation. <i>Cell Reports</i> , 2017, 19, 2645-2656.	2.9	42
16	BET bromodomain inhibition suppresses graft-versus-host disease after allogeneic bone marrow transplantation in mice. <i>Blood</i> , 2015, 125, 2724-2728.	0.6	41
17	Allogeneic T cell responses are regulated by a specific miRNA-mRNA network. <i>Journal of Clinical Investigation</i> , 2013, 123, 4739-4754.	3.9	36
18	Host-derived CD8+ dendritic cells are required for induction of optimal graft-versus-tumor responses after experimental allogeneic bone marrow transplantation. <i>Blood</i> , 2013, 121, 4231-4241.	0.6	34

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19	Donor- but not host-derived interleukin-10 contributes to the regulation of experimental graft-versus-host disease. <i>Journal of Leukocyte Biology</i> , 2012, 91, 667-675.	1.5	29
20	Influence of Donor Microbiota on the Severity of Experimental Graft-versus-Host-Disease. <i>Biology of Blood and Marrow Transplantation</i> , 2013, 19, 164-168.	2.0	29
21	SAG/Rbx2-Dependent Neddylaton Regulates T-Cell Responses. <i>American Journal of Pathology</i> , 2016, 186, 2679-2691.	1.9	25
22	Distinct evolutionary paths in chronic lymphocytic leukemia during resistance to the graft-versus-leukemia effect. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	17
23	The Role of Dendritic Cells in Graft-Versus-Tumor Effect. <i>Frontiers in Immunology</i> , 2014, 5, 66.	2.2	14
24	The Microbiome and Graft Versus Host Disease. <i>Current Stem Cell Reports</i> , 2015, 1, 39-47.	0.7	14
25	Unbiased Metabolic Profiling Uncovers a Crucial Role for the Microbial Metabolite Butyrate in Modulating GI Epithelial Cell Damage from Gvhd. <i>Blood</i> , 2014, 124, 536-536.	0.6	12
26	SAG/RBX2 E3 Ubiquitin Ligase Differentially Regulates Inflammatory Responses of Myeloid Cell Subsets. <i>Frontiers in Immunology</i> , 2018, 9, 2882.	2.2	11
27	Ikaros deficiency in host hematopoietic cells separates GVL from GVHD after experimental allogeneic hematopoietic cell transplantation. <i>OncImmunology</i> , 2015, 4, e1016699.	2.1	8
28	Genome-Wide STAT3 Binding Analysis after Histone Deacetylase Inhibition Reveals Novel Target Genes in Dendritic Cells. <i>Journal of Innate Immunity</i> , 2017, 9, 126-144.	1.8	8
29	Host CD8 ⁺ Dendritic Cells May Be a Key Factor for Separating Graft-versus-Host Disease from Graft-versus-Leukemia. <i>Biology of Blood and Marrow Transplantation</i> , 2015, 21, 775-776.	2.0	6
30	NLRP6 in Host Target Tissues Exacerbates Graft-Versus-Host Disease. <i>Blood</i> , 2015, 126, 148-148.	0.6	3
31	NLRP6 Expression By the Hosts Enhances the Severity of Experimental Graft-Versus-Host Disease (GVHD). <i>Blood</i> , 2014, 124, 2421-2421.	0.6	3
32	Atypical E2F Dependent Dysregulation Of Cell Cycling By Microrna-142 Regulates T-Cell Responses and Experimental Graft-Versus-Host Disease. <i>Blood</i> , 2013, 122, 136-136.	0.6	2
33	Sugar polymers exacerbate lung GVHD. <i>Blood</i> , 2015, 125, 2883-2884.	0.6	1
34	Donor T Cells Intrinsic Responses to DAMPs Regulated By Siglec-G-CD24 Axis Mitigate Gvhd but Maintain GVL in Experimental BMT Model. <i>Blood</i> , 2015, 126, 229-229.	0.6	1
35	ATG5 Dependent Autophagy Uncouples T Cell Functions and Modulates Experimental Graft-Versus-Host Disease. <i>Biology of Blood and Marrow Transplantation</i> , 2016, 22, S91.	2.0	0
36	Donor T Cells Intrinsic Responses to DAMPs Regulated By Siglec-G-CD24 Axis Mitigate GVHD but Maintain GVL in Experimental Allogeneic Hematopoietic Stem Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2016, 22, S57-S58.	2.0	0

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37	OTME-7. Cancer - immune cell interactions drive transitions to mesenchymal-like state in glioblastoma. <i>Neuro-Oncology Advances</i> , 2021, 3, ii14-ii15.	0.4	0
38	CD24-Siglec-G Interaction Plays an Important in Reducing Experimental Graft-Versus-Host Disease (GVHD). <i>Blood</i> , 2012, 120, 453-453.	0.6	0
39	Genome-Wide Binding Studies of Acetyl-STAT3 Demonstrates a Novel Regulatory Pathway in Dendritic Cells. <i>Blood</i> , 2015, 126, 647-647.	0.6	0
40	ATG5 Dependent Autophagy Uncouples T Cell Functions and Modulates Experimental Graft-Versus-Host Disease. <i>Blood</i> , 2015, 126, 149-149.	0.6	0
41	Microbial Metabolite Sensor GPCR43 Controls Severity of Experimental Gvhd. <i>Blood</i> , 2016, 128, 1157-1157.	0.6	0