

# Jonathan Peled

## List of Publications by Citations

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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.

84  
papers

3,449  
citations

28  
h-index

58  
g-index

110  
ext. papers

4,731  
ext. citations

9.1  
avg, IF

4.85  
L-index

#	Paper	IF	Citations
84	Intestinal <i>Blautia</i> Is Associated with Reduced Death from Graft-versus-Host Disease. <i>Biology of Blood and Marrow Transplantation</i> , <b>2015</b> , 21, 1373-83	4.7	415
83	The biochemistry of somatic hypermutation. <i>Annual Review of Immunology</i> , <b>2008</b> , 26, 481-511	34.7	362
82	Increased GVHD-related mortality with broad-spectrum antibiotic use after allogeneic hematopoietic stem cell transplantation in human patients and mice. <i>Science Translational Medicine</i> , <b>2016</b> , 8, 339ra71	17.5	284
81	Microbiota as Predictor of Mortality in Allogeneic Hematopoietic-Cell Transplantation. <i>New England Journal of Medicine</i> , <b>2020</b> , 382, 822-834	59.2	204
80	Reconstitution of the gut microbiota of antibiotic-treated patients by autologous fecal microbiota transplant. <i>Science Translational Medicine</i> , <b>2018</b> , 10,	17.5	170
79	Intestinal Microbiota and Relapse After Hematopoietic-Cell Transplantation. <i>Journal of Clinical Oncology</i> , <b>2017</b> , 35, 1650-1659	2.2	169
78	Microbiota Disruption Induced by Early Use of Broad-Spectrum Antibiotics Is an Independent Risk Factor of Outcome after Allogeneic Stem Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , <b>2017</b> , 23, 845-852	4.7	133
77	Third-party fecal microbiota transplantation following allo-HCT reconstitutes microbiome diversity. <i>Blood Advances</i> , <b>2018</b> , 2, 745-753	7.8	115
76	Lactose drives expansion to promote graft-versus-host disease. <i>Science</i> , <b>2019</b> , 366, 1143-1149	33.3	106
75	Impact of gut colonization with butyrate-producing microbiota on respiratory viral infection following allo-HCT. <i>Blood</i> , <b>2018</b> , 131, 2978-2986	2.2	101
74	The gut microbiota is associated with immune cell dynamics in humans. <i>Nature</i> , <b>2020</b> , 588, 303-307	50.4	99
73	Microbiota-derived lantibiotic restores resistance against vancomycin-resistant <i>Enterococcus</i> . <i>Nature</i> , <b>2019</b> , 572, 665-669	50.4	98
72	Examination of Msh6- and Msh3-deficient mice in class switching reveals overlapping and distinct roles of MutS homologues in antibody diversification. <i>Journal of Experimental Medicine</i> , <b>2004</b> , 200, 47-59	16.6	88
71	Ubiquitylated PCNA plays a role in somatic hypermutation and class-switch recombination and is required for meiotic progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 16248-53	11.5	82
70	High-resolution mycobiota analysis reveals dynamic intestinal translocation preceding invasive candidiasis. <i>Nature Medicine</i> , <b>2020</b> , 26, 59-64	50.5	81
69	Multi-omics analyses of radiation survivors identify radioprotective microbes and metabolites. <i>Science</i> , <b>2020</b> , 370,	33.3	81
68	Inhibiting antibiotic-resistant <i>Enterobacteriaceae</i> by microbiota-mediated intracellular acidification. <i>Journal of Experimental Medicine</i> , <b>2019</b> , 216, 84-98	16.6	75

67	The Microbiome and Hematopoietic Cell Transplantation: Past, Present, and Future. <i>Biology of Blood and Marrow Transplantation</i> , <b>2018</b> , 24, 1322-1340	4.7	64
66	Survival signal REG3 $\beta$ prevents crypt apoptosis to control acute gastrointestinal graft-versus-host disease. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 4970-4979	15.9	61
65	Favorable outcomes of COVID-19 in recipients of hematopoietic cell transplantation. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 6656-6667	15.9	55
64	Nutritional Support from the Intestinal Microbiota Improves Hematopoietic Reconstitution after Bone Marrow Transplantation in Mice. <i>Cell Host and Microbe</i> , <b>2018</b> , 23, 447-457.e4	23.4	53
63	Requirement for cyclin D3 in germinal center formation and function. <i>Cell Research</i> , <b>2010</b> , 20, 631-46	24.7	50
62	The microbe-derived short-chain fatty acids butyrate and propionate are associated with protection from chronic GVHD. <i>Blood</i> , <b>2020</b> , 136, 130-136	2.2	45
61	Intestinal microbiota-related effects on graft-versus-host disease. <i>International Journal of Hematology</i> , <b>2015</b> , 101, 428-37	2.3	42
60	Do electronic health records help or hinder medical education?. <i>PLoS Medicine</i> , <b>2009</b> , 6, e1000069	11.6	42
59	MSH2/MSH6 complex promotes error-free repair of AID-induced dU:G mispairs as well as error-prone hypermutation of A:T sites. <i>PLoS ONE</i> , <b>2010</b> , 5, e111182	3.7	30
58	Compositional Flux Within the Intestinal Microbiota and Risk for Bloodstream Infection With Gram-negative Bacteria. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 73, e4627-e4635	11.6	29
57	Role of gut flora after bone marrow transplantation. <i>Nature Microbiology</i> , <b>2016</b> , 1, 16036	26.6	28
56	Antibiotic-Induced Shifts in Fecal Microbiota Density and Composition during Hematopoietic Stem Cell Transplantation. <i>Infection and Immunity</i> , <b>2019</b> , 87,	3.7	28
55	Minimal residual disease negativity in multiple myeloma is associated with intestinal microbiota composition. <i>Blood Advances</i> , <b>2019</b> , 3, 2040-2044	7.8	28
54	Role of the intestinal mucosa in acute gastrointestinal GVHD. <i>Blood</i> , <b>2016</b> , 128, 2395-2402	2.2	26
53	A role for Mlh3 in somatic hypermutation. <i>DNA Repair</i> , <b>2006</b> , 5, 675-82	4.3	20
52	Diversification and Evolution of Vancomycin-Resistant <i>Enterococcus faecium</i> during Intestinal Domination. <i>Infection and Immunity</i> , <b>2019</b> , 87,	3.7	18
51	Accelerated single cell seeding in relapsed multiple myeloma. <i>Nature Communications</i> , <b>2020</b> , 11, 3617	17.4	16
50	Genome-Wide Screening for Enteric Colonization Factors in Carbapenem-Resistant ST258 <i>Klebsiella pneumoniae</i> . <i>MBio</i> , <b>2019</b> , 10,	7.8	15

49	Gut microbiome correlates of response and toxicity following anti-CD19 CAR T cell therapy.. <i>Nature Medicine</i> , <b>2022</b> ,	50.5	13
48	Fecal microbiota diversity disruption and clinical outcomes after auto-HCT: a multicenter observational study. <i>Blood</i> , <b>2021</b> , 137, 1527-1537	2.2	12
47	Msh6 protects mature B cells from lymphoma by preserving genomic stability. <i>American Journal of Pathology</i> , <b>2010</b> , 177, 2597-608	5.8	10
46	Intestinal Microbiota Composition Prior to CAR T Cell Infusion Correlates with Efficacy and Toxicity. <i>Blood</i> , <b>2018</b> , 132, 3492-3492	2.2	8
45	A Phase 2 Study of F-652, a Novel Tissue-Targeted Recombinant Human Interleukin-22 (IL-22) Dimer, for Treatment of Newly Diagnosed Acute Gvhd of the Lower GI Tract. <i>Biology of Blood and Marrow Transplantation</i> , <b>2020</b> , 26, S51-S52	4.7	8
44	High progression-free survival after intermediate intensity double unit cord blood transplantation in adults. <i>Blood Advances</i> , <b>2020</b> , 4, 6064-6076	7.8	7
43	Therapeutics Targeting the Gut Microbiome: Rigorous Pipelines for Drug Development. <i>Cell Host and Microbe</i> , <b>2020</b> , 27, 169-172	23.4	7
42	Microbiota and Allogeneic Hematopoietic-Cell Transplantation. <i>New England Journal of Medicine</i> , <b>2020</b> , 382, 2378	59.2	6
41	Unlocking the Complex Flavors of Dysgeusia after Hematopoietic Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , <b>2018</b> , 24, 425-432	4.7	6
40	Compilation of longitudinal microbiota data and hospitalome from hematopoietic cell transplantation patients. <i>Scientific Data</i> , <b>2021</b> , 8, 71	8.2	6
39	Severe pembrolizumab-associated neutropenia after CD34 selected allogeneic hematopoietic-cell transplantation for multiple myeloma. <i>Bone Marrow Transplantation</i> , <b>2018</b> , 53, 1065-1068	4.4	5
38	Role of the intestinal mucosa in acute gastrointestinal GVHD. <i>Hematology American Society of Hematology Education Program</i> , <b>2016</b> , 2016, 119-127	3.1	5
37	Targeting AID to the Ig genes. <i>Advances in Experimental Medicine and Biology</i> , <b>2007</b> , 596, 93-109	3.6	4
36	Loss of Microbiota Diversity after Autologous Stem Cell Transplant Is Comparable to Injury in Allogeneic Stem Cell Transplant. <i>Blood</i> , <b>2018</b> , 132, 608-608	2.2	3
35	Intestinal Enterococcus Is a Major Risk Factor for the Development of Acute Gvhd. <i>Blood</i> , <b>2018</b> , 132, 3582-3583	2.2	3
34	Haematopoietic cell transplantation outcomes are linked to intestinal mycobiota dynamics and an expansion of <i>Candida parapsilosis</i> complex species. <i>Nature Microbiology</i> , <b>2021</b> , 6, 1505-1515	26.6	3
33	<i>Candida</i> Intestinal Domination Precedes Fungal Infections Bloodstream in Allogeneic Hematopoietic Cell Transplant Patients. <i>Biology of Blood and Marrow Transplantation</i> , <b>2019</b> , 25, S340-S341	4.7	2
32	An alpha-defensin gene single nucleotide polymorphism modulates the gut microbiota and may alter the risk of acute graft-versus-host disease. <i>British Journal of Haematology</i> , <b>2020</b> , 189, 926-930	4.5	2

31	Not just leukemia: CMV may protect against lymphoma recurrence after allogeneic transplant. <i>Leukemia and Lymphoma</i> , <b>2017</b> , 58, 759-761	1.9	2
30	The Abundance of Certain Bacteria in the Intestinal Flora Is Associated with Relapse after Allogeneic Hematopoietic Stem Cell Transplantation. <i>Blood</i> , <b>2015</b> , 126, 744-744	2.2	2
29	Alloreactive T cells deficient of the short-chain fatty acid receptor GPR109A induce less graft-versus-host disease. <i>Blood</i> , <b>2021</b> ,	2.2	2
28	An association between the gut microbiota and immune cell dynamics in humans		2
27	Update in clinical and mouse microbiota research in allogeneic haematopoietic cell transplantation. <i>Current Opinion in Hematology</i> , <b>2020</b> , 27, 360-367	3.3	2
26	Pre-Transplant Fecal Microbial Diversity Independently Predicts Critical Illness after Hematopoietic Cell Transplantation. <i>Blood</i> , <b>2019</b> , 134, 3264-3264	2.2	1
25	Intestinal Microbiota Injury during Allo-Hsct Is Generalizable across Transplantation Centers and Is Associated with Increased Mortality, Broad-Spectrum Antibiotics, and Decreased Calorie Intake. <i>Blood</i> , <b>2017</b> , 130, 750-750	2.2	1
24	The Blood Microbiome Predicts Acute Graft-Versus-Host Disease after Stem Cell Transplantation. <i>Blood</i> , <b>2019</b> , 134, 4513-4513	2.2	1
23	Chlorhexidine Gluconate Bathing Reduces the Incidence of Bloodstream Infections in Adults Undergoing Inpatient Hematopoietic Cell Transplantation. <i>Transplantation and Cellular Therapy</i> , <b>2021</b> , 27, 262.e1-262.e11		1
22	A phase 2 trial of the somatostatin analog pasireotide to prevent GI toxicity and acute GVHD in allogeneic hematopoietic stem cell transplant. <i>PLoS ONE</i> , <b>2021</b> , 16, e0252995	3.7	1
21	The Intestinal Microbiota Correlates with Response and Toxicity after CAR T Cell Therapy in Patients with B-Cell Malignancies. <i>Blood</i> , <b>2021</b> , 138, 253-253	2.2	0
20	Whole Genome Sequencing of Extramedullary Myeloma Autopsy Tumors Reveals a Genomic Portrait at Culmination of Clonal Convergence. <i>Blood</i> , <b>2018</b> , 132, 3169-3169	2.2	0
19	A compilation of fecal microbiome shotgun metagenomics from hematopoietic cell transplantation patients.. <i>Scientific Data</i> , <b>2022</b> , 9, 219	8.2	0
18	Uncommon knowledge of a common phenomenon: intuitions and statistical thinking about gender birth ratio. <i>International Journal of Mathematical Education in Science and Technology</i> , <b>2013</b> , 44, 59-69	0.5	
17	TCR Repertoires in Graft-Versus-Host-Disease (GVHD)-Target Tissues Reveals Tissue Specificity of the Alloimmune Response. <i>Blood</i> , <b>2020</b> , 136, 21-23	2.2	
16	MAIT and V $\alpha$ Unconventional T Cells Predict Favorable Outcome after Allogeneic HCT and Are Supported By a Diverse Intestinal Microbiome. <i>Blood</i> , <b>2021</b> , 138, 331-331	2.2	
15	Nutrition As a Predictor of Microbiome Injury in Allo-HCT. <i>Blood</i> , <b>2021</b> , 138, 746-746	2.2	
14	Dysgeusia Is Associated with Higher Melphalan Pharmacokinetic Levels and Results in Poorer Caloric Intake and Worse Symptom Burden after Autologous Stem Cell Transplantation for Multiple Myeloma. <i>Blood</i> , <b>2018</b> , 132, 2136-2136	2.2	

13	Intestinal Microbiota Composition Is Associated with Minimal Residual Disease Negativity in Patients with Multiple Myeloma. <i>Blood</i> , <b>2018</b> , 132, 3167-3167	2.2
12	Pre-Transplant and Peri-d100 Gastrointestinal Dysbiosis Is Associated with the Subsequent Development of Chronic Graft-Versus-Host Disease. <i>Blood</i> , <b>2018</b> , 132, 359-359	2.2
11	Multicenter Microbiota Analysis Indicates That Pre-HCT Microbiota Injury Is Prevalent across Geography and Predicts Poor Overall Survival. <i>Blood</i> , <b>2018</b> , 132, 811-811	2.2
10	Antibiotic Exposures and Dietary Intakes Are Associated with Changes in Microbiota Compositions in Allogeneic Hematopoietic Stem Cell Transplant Patients. <i>Blood</i> , <b>2019</b> , 134, 597-597	2.2
9	Financial Incentives to Increase Stool Collection Rates for Microbiome Studies in Adult Bone Marrow Transplant Patients. <i>Blood</i> , <b>2019</b> , 134, 5775-5775	2.2
8	Sparing of the Lower Gastrointestinal Tract Microbiota Is Associated with Reduced Acute Graft-Versus-Host Disease. <i>Blood</i> , <b>2019</b> , 134, 4538-4538	2.2
7	Monocyte Reconstitution and Gut Microbiota Composition after Hematopoietic Stem Cell Transplantation. <i>Clinical Hematology International</i> , <b>2020</b> , 2, 156-164	1.8
6	Age-Adjusted Co-Morbidity Score - but Not Revised Disease Risk Index - Is Associated with Progression-Free Survival after Intermediate Intensity Double Unit CBT in Adults with Hematologic Malignancies. <i>Blood</i> , <b>2015</b> , 126, 3231-3231	2.2
5	The Disease Risk Index Predicts Outcomes Including Relapse and Survival in CD34-Selected Allogeneic HCT for Acute Leukemia and Myelodysplastic Syndrome. <i>Blood</i> , <b>2016</b> , 128, 3498-3498	2.2
4	Whole Exome Sequencing from Nine Independent Sites of Extraosseous Disease in a Single Patient with Relapsed Multiple Myeloma Show That Extramedullary Disease Arise through a Combination of Branched and Parallel Evolution. <i>Blood</i> , <b>2016</b> , 128, 2090-2090	2.2
3	Cyclin D3 Is Required for the Germinal Center Reaction. <i>Blood</i> , <b>2008</b> , 112, 2580-2580	2.2
2	The Detrimental Effects of Oral Vancomycin. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 73, e2820-e2821	11.6
1	Financial incentives to increase stool collection rates for microbiome studies in adult bone marrow transplant patients.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0267974	3.7