

Jonathan Peled

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

5,844
citations

126907

33
h-index

82547

72
g-index

110
all docs

110
docs citations

110
times ranked

6477
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Intestinal <i>Blautia</i> Is Associated with Reduced Death from Graft-versus-Host Disease. <i>Biology of Blood and Marrow Transplantation</i> , 2015, 21, 1373-1383. | 2.0 | 619 |
| 2 | Microbiota as Predictor of Mortality in Allogeneic Hematopoietic-Cell Transplantation. <i>New England Journal of Medicine</i> , 2020, 382, 822-834. | 27.0 | 435 |
| 3 | The Biochemistry of Somatic Hypermutation. <i>Annual Review of Immunology</i> , 2008, 26, 481-511. | 21.8 | 404 |
| 4 | 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> , 2016, 8, 339ra71. | 12.4 | 404 |
| 5 | The gut microbiota is associated with immune cell dynamics in humans. <i>Nature</i> , 2020, 588, 303-307. | 27.8 | 273 |
| 6 | Multi-omics analyses of radiation survivors identify radioprotective microbes and metabolites. <i>Science</i> , 2020, 370, . | 12.6 | 260 |
| 7 | Reconstitution of the gut microbiota of antibiotic-treated patients by autologous fecal microbiota transplant. <i>Science Translational Medicine</i> , 2018, 10, . | 12.4 | 258 |
| 8 | Intestinal Microbiota and Relapse After Hematopoietic-Cell Transplantation. <i>Journal of Clinical Oncology</i> , 2017, 35, 1650-1659. | 1.6 | 252 |
| 9 | Lactose drives <i>Enterococcus</i> expansion to promote graft-versus-host disease. <i>Science</i> , 2019, 366, 1143-1149. | 12.6 | 217 |
| 10 | High-resolution mycobiota analysis reveals dynamic intestinal translocation preceding invasive candidiasis. <i>Nature Medicine</i> , 2020, 26, 59-64. | 30.7 | 193 |
| 11 | 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> , 2017, 23, 845-852. | 2.0 | 183 |
| 12 | Microbiota-derived lantibiotic restores resistance against vancomycin-resistant <i>Enterococcus</i> . <i>Nature</i> , 2019, 572, 665-669. | 27.8 | 176 |
| 13 | Third-party fecal microbiota transplantation following allo-HCT reconstitutes microbiome diversity. <i>Blood Advances</i> , 2018, 2, 745-753. | 5.2 | 167 |
| 14 | Impact of gut colonization with butyrate producing microbiota on respiratory viral infection following allo-HCT. <i>Blood</i> , 2018, 131, blood-2018-01-828996. | 1.4 | 155 |
| 15 | Inhibiting antibiotic-resistant <i>Enterobacteriaceae</i> by microbiota-mediated intracellular acidification. <i>Journal of Experimental Medicine</i> , 2019, 216, 84-98. | 8.5 | 135 |
| 16 | Gut microbiome correlates of response and toxicity following anti-CD19 CAR T cell therapy. <i>Nature Medicine</i> , 2022, 28, 713-723. | 30.7 | 117 |
| 17 | Favorable outcomes of COVID-19 in recipients of hematopoietic cell transplantation. <i>Journal of Clinical Investigation</i> , 2020, 130, 6656-6667. | 8.2 | 101 |
| 18 | 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> , 2008, 105, 16248-16253. | 7.1 | 99 |

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|----|--|------|-----------|
| 19 | The microbe-derived short-chain fatty acids butyrate and propionate are associated with protection from chronic GVHD. <i>Blood</i> , 2020, 136, 130-136. | 1.4 | 97 |
| 20 | 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> , 2004, 200, 47-59. | 8.5 | 95 |
| 21 | Survival signal REG3 $\hat{1}$ \pm prevents crypt apoptosis to control acute gastrointestinal graft-versus-host disease. <i>Journal of Clinical Investigation</i> , 2018, 128, 4970-4979. | 8.2 | 94 |
| 22 | Nutritional Support from the Intestinal Microbiota Improves Hematopoietic Reconstitution after Bone Marrow Transplantation in Mice. <i>Cell Host and Microbe</i> , 2018, 23, 447-457.e4. | 11.0 | 86 |
| 23 | The Microbiome and Hematopoietic Cell Transplantation: Past, Present, and Future. <i>Biology of Blood and Marrow Transplantation</i> , 2018, 24, 1322-1340. | 2.0 | 85 |
| 24 | Compositional Flux Within the Intestinal Microbiota and Risk for Bloodstream Infection With Gram-negative Bacteria. <i>Clinical Infectious Diseases</i> , 2021, 73, e4627-e4635. | 5.8 | 74 |
| 25 | Requirement for cyclin D3 in germinal center formation and function. <i>Cell Research</i> , 2010, 20, 631-646. | 12.0 | 55 |
| 26 | Intestinal microbiota-related effects on graft-versus-host disease. <i>International Journal of Hematology</i> , 2015, 101, 428-437. | 1.6 | 51 |
| 27 | Antibiotic-Induced Shifts in Fecal Microbiota Density and Composition during Hematopoietic Stem Cell Transplantation. <i>Infection and Immunity</i> , 2019, 87, . | 2.2 | 51 |
| 28 | Minimal residual disease negativity in multiple myeloma is associated with intestinal microbiota composition. <i>Blood Advances</i> , 2019, 3, 2040-2044. | 5.2 | 50 |
| 29 | Do Electronic Health Records Help or Hinder Medical Education?. <i>PLoS Medicine</i> , 2009, 6, e1000069. | 8.4 | 49 |
| 30 | Fecal microbiota diversity disruption and clinical outcomes after auto-HCT: a multicenter observational study. <i>Blood</i> , 2021, 137, 1527-1537. | 1.4 | 42 |
| 31 | Accelerated single cell seeding in relapsed multiple myeloma. <i>Nature Communications</i> , 2020, 11, 3617. | 12.8 | 41 |
| 32 | Role of the intestinal mucosa in acute gastrointestinal GVHD. <i>Blood</i> , 2016, 128, 2395-2402. | 1.4 | 39 |
| 33 | Role of gut flora after bone marrow transplantation. <i>Nature Microbiology</i> , 2016, 1, 16036. | 13.3 | 36 |
| 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> , 2021, 6, 1505-1515. | 13.3 | 35 |
| 35 | 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> , 2010, 5, e11182. | 2.5 | 34 |
| 36 | Diversification and Evolution of Vancomycin-Resistant <i>Enterococcus faecium</i> during Intestinal Domination. <i>Infection and Immunity</i> , 2019, 87, . | 2.2 | 33 |

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|----|--|------|-----------|
| 37 | Genome-Wide Screening for Enteric Colonization Factors in Carbapenem-Resistant ST258 <i>Klebsiella pneumoniae</i> . <i>MBio</i> , 2019, 10, . | 4.1 | 32 |
| 38 | High progression-free survival after intermediate intensity double unit cord blood transplantation in adults. <i>Blood Advances</i> , 2020, 4, 6064-6076. | 5.2 | 29 |
| 39 | Early intestinal microbial features are associated with CD4 T-cell recovery after allogeneic hematopoietic transplant. <i>Blood</i> , 2022, 139, 2758-2769. | 1.4 | 25 |
| 40 | Alloreactive T cells deficient of the short-chain fatty acid receptor GPR109A induce less graft-versus-host disease. <i>Blood</i> , 2022, 139, 2392-2405. | 1.4 | 24 |
| 41 | A role for Mlh3 in somatic hypermutation. <i>DNA Repair</i> , 2006, 5, 675-682. | 2.8 | 22 |
| 42 | Compilation of longitudinal microbiota data and hospitalome from hematopoietic cell transplantation patients. <i>Scientific Data</i> , 2021, 8, 71. | 5.3 | 19 |
| 43 | MAIT and V β 2 unconventional T cells are supported by a diverse intestinal microbiome and correlate with favorable patient outcome after allogeneic HCT. <i>Science Translational Medicine</i> , 2022, 14, . | 12.4 | 19 |
| 44 | Unlocking the Complex Flavors of Dysgeusia after Hematopoietic Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2018, 24, 425-432. | 2.0 | 15 |
| 45 | Intestinal Microbiota Composition Prior to CAR T Cell Infusion Correlates with Efficacy and Toxicity. <i>Blood</i> , 2018, 132, 3492-3492. | 1.4 | 13 |
| 46 | Msh6 Protects Mature B Cells from Lymphoma by Preserving Genomic Stability. <i>American Journal of Pathology</i> , 2010, 177, 2597-2608. | 3.8 | 12 |
| 47 | Therapeutics Targeting the Gut Microbiome: Rigorous Pipelines for Drug Development. <i>Cell Host and Microbe</i> , 2020, 27, 169-172. | 11.0 | 12 |
| 48 | A compilation of fecal microbiome shotgun metagenomics from hematopoietic cell transplantation patients. <i>Scientific Data</i> , 2022, 9, 219. | 5.3 | 11 |
| 49 | Severe pembrolizumab-associated neutropenia after CD34+ selected allogeneic hematopoietic-cell transplantation for multiple myeloma. <i>Bone Marrow Transplantation</i> , 2018, 53, 1065-1068. | 2.4 | 9 |
| 50 | Microbiota and Allogeneic Hematopoietic-Cell Transplantation. <i>New England Journal of Medicine</i> , 2020, 382, 2378-2379. | 27.0 | 9 |
| 51 | 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> , 2020, 26, S51-S52. | 2.0 | 9 |
| 52 | Loss of Microbiota Diversity after Autologous Stem Cell Transplant Is Comparable to Injury in Allogeneic Stem Cell Transplant. <i>Blood</i> , 2018, 132, 608-608. | 1.4 | 9 |
| 53 | Chlorhexidine Gluconate Bathing Reduces the Incidence of Bloodstream Infections in Adults Undergoing Inpatient Hematopoietic Cell Transplantation. <i>Transplantation and Cellular Therapy</i> , 2021, 27, 262.e1-262.e11. | 1.2 | 7 |
| 54 | Role of the intestinal mucosa in acute gastrointestinal GVHD. <i>Hematology American Society of Hematology Education Program</i> , 2016, 2016, 119-127. | 2.5 | 6 |

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|----|--|-----|-----------|
| 55 | Targeting AID to the Ig Genes. <i>Advances in Experimental Medicine and Biology</i> , 2007, 596, 93-109. | 1.6 | 5 |
| 56 | Antibiotic Exposures and Dietary Intakes Are Associated with Changes in Microbiota Compositions in Allogeneic Hematopoietic Stem Cell Transplant Patients. <i>Blood</i> , 2019, 134, 597-597. | 1.4 | 5 |
| 57 | 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> , 2020, 189, 926-930. | 2.5 | 4 |
| 58 | Intestinal Enterococcus Is a Major Risk Factor for the Development of Acute Gvhd. <i>Blood</i> , 2018, 132, 358-358. | 1.4 | 4 |
| 59 | Monocyte Reconstitution and Gut Microbiota Composition after Hematopoietic Stem Cell Transplantation. <i>Clinical Hematology International</i> , 2020, 2, 156. | 1.7 | 4 |
| 60 | Not just leukemia: CMV may protect against lymphoma recurrence after allogeneic transplant. <i>Leukemia and Lymphoma</i> , 2017, 58, 759-761. | 1.3 | 3 |
| 61 | Candida Intestinal Domination Precedes Fungal Infections Bloodstream in Allogeneic Hematopoietic Cell Transplant Patients. <i>Biology of Blood and Marrow Transplantation</i> , 2019, 25, S340-S341. | 2.0 | 3 |
| 62 | Update in clinical and mouse microbiota research in allogeneic haematopoietic cell transplantation. <i>Current Opinion in Hematology</i> , 2020, 27, 360-367. | 2.5 | 3 |
| 63 | 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> , 2021, 16, e0252995. | 2.5 | 3 |
| 64 | 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> , 2017, 130, 750-750. | 1.4 | 3 |
| 65 | High Progression-Free Survival (PFS) in Adult Double Unit Cord Blood (dCB) Transplant Recipients with High Risk Disease after a Novel Intermediate Intensity Conditioning Regimen. <i>Biology of Blood and Marrow Transplantation</i> , 2016, 22, S76-S77. | 2.0 | 2 |
| 66 | Pre-Transplant Fecal Microbial Diversity Independently Predicts Critical Illness after Hematopoietic Cell Transplantation. <i>Blood</i> , 2019, 134, 3264-3264. | 1.4 | 2 |
| 67 | The Abundance of Certain Bacteria in the Intestinal Flora Is Associated with Relapse after Allogeneic Hematopoietic Stem Cell Transplantation. <i>Blood</i> , 2015, 126, 744-744. | 1.4 | 2 |
| 68 | MAIT and VÎ2 Unconventional T Cells Predict Favorable Outcome after Allogeneic HCT and Are Supported By a Diverse Intestinal Microbiome. <i>Blood</i> , 2021, 138, 331-331. | 1.4 | 2 |
| 69 | The Intestinal Microbiota Correlates with Response and Toxicity after CAR T Cell Therapy in Patients with B-Cell Malignancies. <i>Blood</i> , 2021, 138, 253-253. | 1.4 | 2 |
| 70 | P-042: Sustained minimal residual disease negativity in Multiple Myeloma is impacted positively by stool butyrate and healthier plant forward diets. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2021, 21, S61. | 0.4 | 2 |
| 71 | Psychosocial counseling may be best treatment for hair loss. <i>American Family Physician</i> , 2004, 69, 1362. | 0.1 | 2 |
| 72 | Members of the Intestinal Microbiota Are Associated with Relapse after Allogeneic Hematopoietic Stem Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2016, 22, S23-S24. | 2.0 | 1 |

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|----|--|-----|-----------|
| 73 | Intestinal Microbiota Injury during Allo-Hct is Generalizable across Transplantation Centers and is Associated with Increased Mortality, Broad-Spectrum Antibiotics, and Decreased Calorie Intake. <i>Biology of Blood and Marrow Transplantation</i> , 2018, 24, S21-S22. | 2.0 | 1 |
| 74 | Therapeutic Cyclosporine-a (CSA) Levels in the First 7 Days after Cord Blood Transplantation (CBT) Are Critical to Prevent Severe Acute Graft-Versus-Host Disease (aGVHD). <i>Biology of Blood and Marrow Transplantation</i> , 2018, 24, S188-S189. | 2.0 | 1 |
| 75 | Female Breast and Pelvic Exam: A Student-to-Student Guide. <i>MedEdPORTAL: the Journal of Teaching and Learning Resources</i> , 0, , . | 1.2 | 1 |
| 76 | Whole Genome Sequencing of Extramedullary Myeloma Autopsy Tumors Reveals a Genomic Portrait at Culmination of Clonal Convergence. <i>Blood</i> , 2018, 132, 3169-3169. | 1.4 | 1 |
| 77 | Intestinal Microbiota Composition Is Associated with Minimal Residual Disease Negativity in Patients with Multiple Myeloma. <i>Blood</i> , 2018, 132, 3167-3167. | 1.4 | 1 |
| 78 | Pre-Transplant and Peri-d100 Gastrointestinal Dysbiosis Is Associated with the Subsequent Development of Chronic Graft-Versus-Host Disease. <i>Blood</i> , 2018, 132, 359-359. | 1.4 | 1 |
| 79 | Multicenter Microbiota Analysis Indicates That Pre-HCT Microbiota Injury Is Prevalent across Geography and Predicts Poor Overall Survival. <i>Blood</i> , 2018, 132, 811-811. | 1.4 | 1 |
| 80 | The Blood Microbiome Predicts Acute Graft-Versus-Host Disease after Stem Cell Transplantation. <i>Blood</i> , 2019, 134, 4513-4513. | 1.4 | 1 |
| 81 | TCR Repertoires in Graft-Versus-Host-Disease (GVHD)-Target Tissues Reveals Tissue Specificity of the Alloimmune Response. <i>Blood</i> , 2020, 136, 21-23. | 1.4 | 1 |
| 82 | 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> , 2013, 44, 59-69. | 1.4 | 0 |
| 83 | Combining the Disease Risk Index (DRI) and Hematopoietic Cell Transplantation Comorbidity Index (HCT-CI) Provides a Comprehensive Prognostic Model for CD34-Selected Allogeneic HCT. <i>Biology of Blood and Marrow Transplantation</i> , 2017, 23, S49-S50. | 2.0 | 0 |
| 84 | Intensive Nutritional Monitoring Demonstrates Association between Dietary Intake and Microbiota Injury in the Intestinal Tract and the Oral Cavity. <i>Biology of Blood and Marrow Transplantation</i> , 2018, 24, S62-S63. | 2.0 | 0 |
| 85 | Predicting Gut Microbiota Dynamics and Allo-HCT Survival By Global Microbiota Community. <i>Biology of Blood and Marrow Transplantation</i> , 2019, 25, S46-S47. | 2.0 | 0 |
| 86 | Addition of Tocilizumab to Cyclosporine/ MMF for Acute Graft-Vs-Host Disease (aGVHD) Prophylaxis in Adult Double Unit Cord Blood Transplant (dCBT) Recipients: Promising Preliminary Results of a Phase II Clinical Trial.. <i>Biology of Blood and Marrow Transplantation</i> , 2019, 25, S226-S227. | 2.0 | 0 |
| 87 | Pre-Transplant and Peri-d100 Gastrointestinal Dysbiosis Is Associated with the Subsequent Development of Chronic Graft-Versus-Host Disease. <i>Biology of Blood and Marrow Transplantation</i> , 2019, 25, S254-S255. | 2.0 | 0 |
| 88 | An Analysis of the Correlation between Gastro-Intestinal (GI) Symptoms, Macroscopic Appearance, Histology & Acute Gvhd (aGVHD) Treatment Responses in Cord Blood Transplant (CBT) Recipients: Significant Implications for aGVHD Management. <i>Biology of Blood and Marrow Transplantation</i> , 2019, 25, S229-S230. | 2.0 | 0 |
| 89 | Multicenter Microbiota Analysis Indicates That Pre-HCT Microbiota Injury Is Prevalent across Geography and Predicts Poor Overall Survival. <i>Biology of Blood and Marrow Transplantation</i> , 2019, 25, S1. | 2.0 | 0 |
| 90 | Microbiota Injury in Auto-HCT Is Frequent, Occurs across Geography, and Is Comparable to That Observed in Allo-HCT. <i>Biology of Blood and Marrow Transplantation</i> , 2019, 25, S44-S45. | 2.0 | 0 |

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|-----|--|-----|-----------|
| 91 | The Detrimental Effects of Oral Vancomycin. <i>Clinical Infectious Diseases</i> , 2020, 73, e2820-e2821. | 5.8 | 0 |
| 92 | Cyclin D3 Is Required for the Germinal Center Reaction. <i>Blood</i> , 2008, 112, 2580-2580. | 1.4 | 0 |
| 93 | 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> , 2015, 126, 3231-3231. | 1.4 | 0 |
| 94 | The Disease Risk Index Predicts Outcomes Including Relapse and Survival in CD34-Selected Allogeneic HCT for Acute Leukemia and Myelodysplastic Syndrome. <i>Blood</i> , 2016, 128, 3498-3498. | 1.4 | 0 |
| 95 | Whole Exome Sequencing from Nine Independent Sites of Extrasosseous 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> , 2016, 128, 2090-2090. | 1.4 | 0 |
| 96 | 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> , 2018, 132, 2136-2136. | 1.4 | 0 |
| 97 | Financial Incentives to Increase Stool Collection Rates for Microbiome Studies in Adult Bone Marrow Transplant Patients. <i>Blood</i> , 2019, 134, 5775-5775. | 1.4 | 0 |
| 98 | Sparing of the Lower Gastrointestinal Tract Microbiota Is Associated with Reduced Acute Graft-Versus-Host Disease. <i>Blood</i> , 2019, 134, 4538-4538. | 1.4 | 0 |
| 99 | Nutrition As a Predictor of Microbiome Injury in Allo-HCT. <i>Blood</i> , 2021, 138, 746-746. | 1.4 | 0 |
| 100 | Financial incentives to increase stool collection rates for microbiome studies in adult bone marrow transplant patients. <i>PLoS ONE</i> , 2022, 17, e0267974. | 2.5 | 0 |