

Sung Won Choi

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

2,797
citations

201674

27
h-index

206112

48
g-index

108
all docs

108
docs citations

108
times ranked

4753
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrative Clinical Sequencing in the Management of Refractory or Relapsed Cancer in Youth. JAMA - Journal of the American Medical Association, 2015, 314, 913.	7.4	333
2	Current and emerging strategies for the prevention of graft-versus-host disease. Nature Reviews Clinical Oncology, 2014, 11, 536-547.	27.6	180
3	Vorinostat plus tacrolimus and mycophenolate to prevent graft-versus-host disease after related-donor reduced-intensity conditioning allogeneic haemopoietic stem-cell transplantation: a phase 1/2 trial. Lancet Oncology, The, 2014, 15, 87-95.	10.7	113
4	Phase II Trial of Costimulation Blockade With Abatacept for Prevention of Acute GVHD. Journal of Clinical Oncology, 2021, 39, 1865-1877.	1.6	111
5	Histone deacetylase inhibition regulates inflammation and enhances Tregs after allogeneic hematopoietic cell transplantation in humans. Blood, 2015, 125, 815-819.	1.4	95
6	IFN- γ enhances cell-mediated cytotoxicity against keratinocytes via JAK2/STAT1 in lichen planus. Science Translational Medicine, 2019, 11, .	12.4	85
7	$\hat{\pm}$ 1-Antitrypsin infusion for treatment of steroid-resistant acute graft-versus-host disease. Blood, 2018, 131, 1372-1379.	1.4	81
8	Engraftment Syndrome after Allogeneic Hematopoietic Cell Transplantation Predicts Poor Outcomes. Biology of Blood and Marrow Transplantation, 2014, 20, 1407-1417.	2.0	80
9	Siglec-G α CD24 axis controls the severity of graft-versus-host disease in mice. Blood, 2014, 123, 3512-3523.	1.4	76
10	Plasma biomarkers of risk for death in a multicenter phase 3 trial with uniform transplant characteristics post $\hat{\alpha}$ allogeneic HCT. Blood, 2017, 129, 162-170.	1.4	75
11	Identifying unmet informational needs in the inpatient setting to increase patient and caregiver engagement in the context of pediatric hematopoietic stem cell transplantation. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 94-104.	4.4	72
12	Phospho $\hat{\alpha}$ RNA $\hat{\alpha}$ seq: a modified small RNA $\hat{\alpha}$ seq method that reveals circulating mRNA and lncRNA fragments as potential biomarkers in human plasma. EMBO Journal, 2019, 38, .	7.8	72
13	HDAC Inhibition and Graft Versus Host Disease. Molecular Medicine, 2011, 17, 404-416.	4.4	71
14	Benefits and challenges with diagnosing chronic and late acute GVHD in children using the NIH consensus criteria. Blood, 2019, 134, 304-316.	1.4	62
15	Unmet Needs for Psychosocial Care in Hematologic Malignancies and Hematopoietic Cell Transplant. Current Hematologic Malignancy Reports, 2016, 11, 280-287.	2.3	61
16	Vorinostat plus tacrolimus/methotrexate to prevent GVHD after myeloablative conditioning, unrelated donor HCT. Blood, 2017, 130, 1760-1767.	1.4	57
17	Diagnosis, grading, and treatment recommendations for children, adolescents, and young adults with sinusoidal obstructive syndrome: an international expert position statement. Lancet Haematology, the, 2020, 7, e61-e72.	4.6	56
18	User-Centered Design Groups to Engage Patients and Caregivers with a Personalized Health Information Technology Tool. Biology of Blood and Marrow Transplantation, 2016, 22, 349-358.	2.0	50

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19	Immune profile differences between chronic GVHD and late acute GVHD: results of the ABLE/PBMTTC 1202 studies. <i>Blood</i> , 2020, 135, 1287-1298.	1.4	49
20	BMT Roadmap: A User-Centered Design Health Information Technology Tool to Promote Patient-Centered Care in Pediatric Hematopoietic Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2017, 23, 813-819.	2.0	48
21	Supporting Caregivers of Patients With Cancer: A Summary of Technology-Mediated Interventions and Future Directions. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2018, 38, 838-849.	3.8	48
22	FLT3 mutational status is an independent risk factor for adverse outcomes after allogeneic transplantation in AML. <i>Bone Marrow Transplantation</i> , 2016, 51, 511-520.	2.4	40
23	Real-time, personalized medicine through wearable sensors and dynamic predictive modeling: A new paradigm for clinical medicine. <i>Current Opinion in Systems Biology</i> , 2020, 20, 17-25.	2.6	38
24	Direct kinetic fingerprinting and digital counting of single protein molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 22815-22822.	7.1	35
25	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.	1.4	34
26	Influence of Age on Acute and Chronic GVHD in Children Undergoing HLA-Identical Sibling Bone Marrow Transplantation for Acute Leukemia: Implications for Prophylaxis. <i>Biology of Blood and Marrow Transplantation</i> , 2018, 24, 521-528.	2.0	34
27	Online interventions geared toward increasing resilience and reducing distress in family caregivers. <i>Current Opinion in Supportive and Palliative Care</i> , 2020, 14, 60-66.	1.3	33
28	Diagnosis, grading and management of toxicities from immunotherapies in children, adolescents and young adults with cancer. <i>Nature Reviews Clinical Oncology</i> , 2021, 18, 435-453.	27.6	31
29	Participation in Clinical Research: Perspectives of Adult Patients and Parents of Pediatric Patients Undergoing Hematopoietic Stem Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2014, 20, 1604-1611.	2.0	30
30	Prevention and Treatment of Acute Graft-versus-Host Disease in Children, Adolescents, and Young Adults. <i>Biology of Blood and Marrow Transplantation</i> , 2020, 26, e101-e112.	2.0	30
31	Impact of a health information technology tool addressing information needs of caregivers of adult and pediatric hematopoietic stem cell transplantation patients. <i>Supportive Care in Cancer</i> , 2019, 27, 2103-2112.	2.2	28
32	Predicting Acute Graft-Versus-Host Disease Using Machine Learning and Longitudinal Vital Sign Data From Electronic Health Records. <i>JCO Clinical Cancer Informatics</i> , 2020, 4, 128-135.	2.1	26
33	Machine learning-based cytokine microarray digital immunoassay analysis. <i>Biosensors and Bioelectronics</i> , 2021, 180, 113088.	10.1	26
34	Molecular and phenotypic diversity of $\text{CBL}\text{-mutated}$ juvenile myelomonocytic leukemia. <i>Haematologica</i> , 2022, 107, 178-186.	3.5	25
35	Treatment of Dyslipidemia in Allogeneic Hematopoietic Stem Cell Transplant Patients. <i>Biology of Blood and Marrow Transplantation</i> , 2015, 21, 809-820.	2.0	24
36	A Systematic Review of Machine Learning Techniques in Hematopoietic Stem Cell Transplantation (HSCT). <i>Sensors</i> , 2020, 20, 6100.	3.8	24

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37	A Novel Health Information Technology Communication System to Increase Caregiver Activation in the Context of Hospital-Based Pediatric Hematopoietic Cell Transplantation: A Pilot Study. <i>JMIR Research Protocols</i> , 2015, 4, e119.	1.0	23
38	Immune-Mediated Cytopenias After Hematopoietic Cell Transplantation: Pathophysiology, Clinical Manifestations, Diagnosis, and Treatment Strategies. <i>Current Oncology Reports</i> , 2019, 21, 87.	4.0	21
39	Rapid single-molecule digital detection of protein biomarkers for continuous monitoring of systemic immune disorders. <i>Blood</i> , 2021, 137, 1591-1602.	1.4	21
40	Etanercept plus Topical Corticosteroids as Initial Therapy for Grade One Acute Graft-Versus-Host Disease after Allogeneic Hematopoietic Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2014, 20, 1426-1434.	2.0	20
41	A Mobile Health App (Roadmap 2.0) for Patients Undergoing Hematopoietic Stem Cell Transplant: Qualitative Study on Family Caregivers' Perspectives and Design Considerations. <i>JMIR MHealth and UHealth</i> , 2019, 7, e15775.	3.7	20
42	Novel Health Information Technology Tool Use by Adult Patients Undergoing Allogeneic Hematopoietic Cell Transplantation: Longitudinal Quantitative and Qualitative Patient-Reported Outcomes. <i>JCO Clinical Cancer Informatics</i> , 2018, 2, 1-12.	2.1	18
43	Maintenance sorafenib in FLT3-ITD AML following allogeneic HCT favorably impacts relapse and overall survival. <i>Bone Marrow Transplantation</i> , 2019, 54, 1518-1520.	2.4	18
44	Abatacept for GVHD prophylaxis can reduce racial disparities by abrogating the impact of mismatching in unrelated donor stem cell transplantation. <i>Blood Advances</i> , 2022, 6, 746-749.	5.2	18
45	Extracorporeal membrane oxygenation in children receiving haematopoietic cell transplantation and immune effector cell therapy: an international and multidisciplinary consensus statement. <i>The Lancet Child and Adolescent Health</i> , 2022, 6, 116-128.	5.6	17
46	Development of a National Caregiver Health Survey for Hematopoietic Stem Cell Transplant: Qualitative Study of Cognitive Interviews and Verbal Probing. <i>JMIR Formative Research</i> , 2020, 4, e17077.	1.4	15
47	Promoting Health and Well-Being Through Mobile Health Technology (Roadmap 2.0) in Family Caregivers and Patients Undergoing Hematopoietic Stem Cell Transplantation: Protocol for the Development of a Mobile Randomized Controlled Trial. <i>JMIR Research Protocols</i> , 2020, 9, e19288.	1.0	15
48	Metabolomic identification of \uparrow -ketoglutaric acid elevation in pediatric chronic graft-versus-host disease. <i>Blood</i> , 2022, 139, 287-299.	1.4	14
49	Approaches for the prevention of graft-versus-host disease following hematopoietic cell transplantation. <i>International Journal of Hematologic Oncology</i> , 2015, 4, 113-126.	1.6	13
50	Electronic Health Record Portal Use by Family Caregivers of Patients Undergoing Hematopoietic Cell Transplantation: United States National Survey Study. <i>JMIR Cancer</i> , 2021, 7, e26509.	2.4	13
51	Balancing Tensions between Caregiving and Parenting Responsibilities in Pediatric Patient Care. <i>Proceedings of the ACM on Human-Computer Interaction</i> , 2019, 3, 1-24.	3.3	13
52	Cognitive Function and Quality of Life in Vorinostat-Treated Patients after Matched Unrelated Donor Myeloablative Conditioning Hematopoietic Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2019, 25, 343-353.	2.0	12
53	Nutritional status and weakness following pediatric hematopoietic cell transplantation. <i>Pediatric Transplantation</i> , 2016, 20, 1125-1131.	1.0	10
54	Design considerations for family-centered health management. , 2018, , .		10

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55	Monitoring Health Care Workers at Risk for COVID-19 Using Wearable Sensors and Smartphone Technology: Protocol for an Observational mHealth Study. JMIR Research Protocols, 2021, 10, e29562.	1.0	10
56	Type 1 interferon to prevent leukemia relapse after allogeneic transplantation. Blood Advances, 2021, 5, 5047-5056.	5.2	10
57	Consumer-grade wearables identify changes in multiple physiological systems during COVID-19 disease progression. Cell Reports Medicine, 2022, 3, 100601.	6.5	10
58	A Pipeline for Faecal Host DNA Analysis by Absolute Quantification of LINE-1 and Mitochondrial Genomic Elements Using ddPCR. Scientific Reports, 2019, 9, 5599.	3.3	9
59	Ikaros deficiency in host hematopoietic cells separates GVL from GVHD after experimental allogeneic hematopoietic cell transplantation. OncoImmunology, 2015, 4, e1016699.	4.6	8
60	Performance and safety of femoral central venous catheters in pediatric autologous peripheral blood stem cell collection. Journal of Clinical Apheresis, 2017, 32, 501-516.	1.3	8
61	Monitoring Beliefs and Physiological Measures Using Wearable Sensors and Smartphone Technology Among Students at Risk of COVID-19: Protocol for a mHealth Study. JMIR Research Protocols, 2021, 10, e29561.	1.0	8
62	A Novel Health Informatics Tool to Improve Caregiver Activation: Findings from Pediatric BMT in a Hospital-Based Setting. Blood, 2016, 128, 2382-2382.	1.4	8
63	High-frequency temperature monitoring for early detection of febrile adverse events in patients with cancer. Cancer Cell, 2021, 39, 1167-1168.	16.8	7
64	An App-Based Just-in-Time Adaptive Self-management Intervention for Care Partners (CareQOL): Protocol for a Pilot Trial. JMIR Research Protocols, 2021, 10, e32842.	1.0	7
65	Harnessing mobile health technology to support long-term chronic illness management: exploring family caregiver support needs in the outpatient setting. JAMIA Open, 2021, 3, 593-601.	2.0	7
66	Improving the Informed Consent Process in Hematopoietic Cell Transplantation: Patient, Caregiver, and Provider Perspectives. Biology of Blood and Marrow Transplantation, 2018, 24, 156-162.	2.0	6
67	Yoga for Cancer-Related Fatigue in Survivors of Hematopoietic Cell Transplantation: A Feasibility Study. Journal of Pain and Symptom Management, 2020, 59, 702-708.	1.2	6
68	Cognitive complaints by hematopoietic cell transplantation recipients and change in neuropsychological performance over time. Supportive Care in Cancer, 2021, 29, 247-254.	2.2	6
69	Learning from Healthcare Providers' Strategies: Designing Technology to Support Effective Child Patient-Provider Communication. , 2021, , .		6
70	Risk Factors for COVID-19 in College Students Identified by Physical, Mental, and Social Health Reported During the Fall 2020 Semester: Observational Study Using the Roadmap App and Fitbit Wearable Sensors. JMIR Mental Health, 2022, 9, e34645.	3.3	6
71	High-frequency temperature monitoring at home using a wearable device: A case series of early fever detection and antibiotic administration for febrile neutropenia with bacteremia. Pediatric Blood and Cancer, 2022, 69, .	1.5	6
72	Assessment of Individual versus Composite Endpoints of Acute Graft-versus-Host Disease in Determining Long-Term Survival after Allogeneic Transplantation. Biology of Blood and Marrow Transplantation, 2019, 25, 1682-1688.	2.0	5

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73	Computational analysis of continuous body temperature provides early discrimination of graft-versus-host disease in mice. <i>Blood Advances</i> , 2019, 3, 3977-3981.	5.2	5
74	Understanding quality and equity: patient experiences with care in older adults diagnosed with hematologic malignancies. <i>Cancer Causes and Control</i> , 2021, 32, 379-389.	1.8	5
75	A new standard treatment for prevention of GvHD after HCT?. <i>Lancet Haematology</i> , 2019, 6, e113-e114.	4.6	4
76	Health care experiences for older adults diagnosed with leukemia and lymphoma: Factors associated with emergency department use, timeliness and access of health care. <i>Journal of Geriatric Oncology</i> , 2021, 12, 250-255.	1.0	4
77	A diagnosis of discernment: Identifying a novel ATRX mutation in myelodysplastic syndrome with acquired α -thalassemia. <i>Cancer Genetics</i> , 2019, 231-232, 36-40.	0.4	3
78	User-Centered Design and Development of a Personalized Mobile Health Application for Adult HCT Patients in the Inpatient Setting. <i>Biology of Blood and Marrow Transplantation</i> , 2017, 23, S419-S420.	2.0	2
79	Health Information Technology Utilization by Adolescent and Young Adult Aged Inpatients Undergoing Hematopoietic Cell Transplantation. <i>Journal of Adolescent and Young Adult Oncology</i> , 2021, 10, 100-104.	1.3	2
80	Return-to-School Practices for Pediatric Hematopoietic Cell Transplantation Recipients during the COVID-19 Pandemic. <i>Transplantation and Cellular Therapy</i> , 2022, 28, 54.e1-54.e4.	1.2	2
81	Evaluating mobile Health technology use among cancer caregivers in the digital era. <i>Digital Health</i> , 2022, 8, 205520762211090.	1.8	2
82	The Challenge of t(6;9) and FLT3-Positive Acute Myelogenous Leukemia in a Young Adult. <i>Journal of Leukemia (Los Angeles, Calif)</i> , 2014, 02, .	0.1	1
83	The Role of Family Caregiving in Adult and Pediatric Allogeneic Hematopoietic Cell Transplantation: Using Health Information Technology to Advance Patient-Centered Care. <i>Biology of Blood and Marrow Transplantation</i> , 2018, 24, S484-S485.	2.0	1
84	The Roles of Nurses in Hematopoietic Cell Transplantation for the Treatment of Leukemia in Older Adults. <i>Seminars in Oncology Nursing</i> , 2019, 35, 150960.	1.5	1
85	A Four Protein Plasma Fingerprint of Acute Graft Versus Host Disease (GVHD) Predicts Long Term Survival.. <i>Blood</i> , 2007, 110, 38-38.	1.4	1
86	Phase 1 Study of Carfilzomib for the Prevention of Relapse and Graft-Versus-Host Disease in Allogeneic Hematopoietic Cell Transplantation for High-Risk Hematologic Malignancies. <i>Blood</i> , 2015, 126, 1907-1907.	1.4	1
87	The utility of cognitive changes in identifying those with acute graft vs. host disease following allogeneic hematopoietic cell transplant. <i>Clinical Neuropsychologist</i> , 2020, 34, 969-980.	2.3	0
88	Is age a risk factor for cognitive changes following hematopoietic cell transplantation?. <i>Bone Marrow Transplantation</i> , 2021, 56, 567-569.	2.4	0
89	The Use of Laparoscopic Liver Biopsies in Pediatric Patients with Hepatic Dysfunction Following Allogeneic Hematopoietic Stem Cell Transplantation.. <i>Blood</i> , 2004, 104, 1147-1147.	1.4	0
90	IL-13 - Predictor of or Protector from Acute Graft Versus Host Disease?.. <i>Blood</i> , 2004, 104, 3070-3070.	1.4	0

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91	CCR1 Expression on Donor Leukocytes Is Critical to the Development of Graft Versus Host Disease after Allogeneic SCT.. Blood, 2004, 104, 3067-3067.	1.4	0
92	Critical Role for CCR1:CCL5 (RANTES) Receptor Ligand Interactions in Modulating Allogeneic T Cell Responses Following Bone Marrow Transplantation.. Blood, 2005, 106, 3107-3107.	1.4	0
93	Baseline Body Mass Index Among Children and Adults Undergoing Allogeneic Hematopoietic Cell Transplantation: Clinical Characteristics and Outcomes. Blood, 2014, 124, 2558-2558.	1.4	0
94	Immune Suppression in Allogeneic Hematopoietic Stem Cell Transplantation. Handbook of Experimental Pharmacology, 2021, , .	1.8	0