Helen Luikart

List of Publications by Year in descending order

32 papers	1,426 citations	567281 15 h-index	477307 29 g-index
32 all docs	32 docs citations	32 times ranked	2202 citing authors

#	Article	IF	Citations
1	Circulating Cell-Free DNA Enables Noninvasive Diagnosis of Heart Transplant Rejection. Science Translational Medicine, 2014, 6, 241ra77.	12.4	388
2	Noninvasive monitoring of infection and rejection after lung transplantation. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13336-13341.	7.1	269
3	Single-stranded DNA library preparation uncovers the origin and diversity of ultrashort cell-free DNA in plasma. Scientific Reports, 2016, 6, 27859.	3.3	158
4	Donor-derived cell-free DNA predicts allograft failure and mortality after lung transplantation. EBioMedicine, 2019, 40, 541-553.	6.1	83
5	Invasive Assessment of Coronary Physiology Predicts Late Mortality After Heart Transplantation. Circulation, 2016, 133, 1945-1950.	1.6	73
6	Late manifestation of alloantibody-associated injury and clinical pulmonary antibody-mediated rejection: Evidence from cell-free DNA analysis. Journal of Heart and Lung Transplantation, 2018, 37, 925-932.	0.6	69
7	Angiotensin-Converting Enzyme Inhibition Early After Heart Transplantation. Journal of the American College of Cardiology, 2017, 69, 2832-2841.	2.8	50
8	Applying rigor and reproducibility standards to assay donor-derived cell-free DNA as a non-invasive method for detection of acute rejection and graft injury after heart transplantation. Journal of Heart and Lung Transplantation, 2017, 36, 1004-1012.	0.6	45
9	Changes in Coronary Arterial Dimensions Early After Cardiac Transplantation. Transplantation, 2007, 83, 700-705.	1.0	44
10	Identification of Common Blood Gene Signatures for the Diagnosis of Renal and Cardiac Acute Allograft Rejection. PLoS ONE, 2013, 8, e82153.	2.5	29
11	Donor-derived, cell-free DNA levels by next-generation targeted sequencing are elevated in allograft rejection after lung transplantation. ERJ Open Research, 2021, 7, 00462-2020.	2.6	25
12	Paradoxical Vessel Remodeling ofÂtheÂProximal Segment of the LeftÂAnteriorÂDescending Artery PredictsÂLong-Term Mortality AfterÂHeartÂTransplantation. JACC: Heart Failure, 2015, 3, 942-952.	4.1	22
13	Attenuated-Signal Plaque Progression Predicts Long-Term Mortality After HeartÂTransplantation. Journal of the American College of Cardiology, 2016, 68, 382-392.	2.8	22
14	Monitoring Pharmacologically Induced Immunosuppression by Immune Repertoire Sequencing to Detect Acute Allograft Rejection in Heart Transplant Patients: A Proof-of-Concept Diagnostic Accuracy Study. PLoS Medicine, 2015, 12, e1001890.	8.4	22
15	Prognostic value of comprehensive intracoronary physiology assessment early after heart transplantation. European Heart Journal, 2021, 42, 4918-4929.	2.2	21
16	Change in lymphocyte to neutrophil ratio predicts acute rejection after heart transplantation. International Journal of Cardiology, 2018, 251, 58-64.	1.7	19
17	Early invasive assessment of the coronary microcirculation predicts subsequent acute rejection after heart transplantation. International Journal of Cardiology, 2019, 290, 27-32.	1.7	13
18	Comparison of donor-derived cell-free DNA between single versus double lung transplant recipients. American Journal of Transplantation, 2022, 22, 2451-2457.	4.7	11

#	Article	IF	Citations
19	Association of periarterial neovascularization with progression of cardiac allograft vasculopathy and long-term clinical outcomes in heart transplant recipients. Journal of Heart and Lung Transplantation, 2016, 35, 752-759.	0.6	9
20	Microcirculatory Resistance Predicts Allograft Rejection and Cardiac Events After Heart Transplantation. Journal of the American College of Cardiology, 2021, 78, 2425-2435.	2.8	9
21	Long-term prognostic value of invasive and non-invasive measures early after heart transplantation. International Journal of Cardiology, 2018, 260, 31-35.	1.7	8
22	Association of Endothelin-1 With Accelerated Cardiac Allograft Vasculopathy and Late Mortality Following Heart Transplantation. Journal of Cardiac Failure, 2019, 25, 97-104.	1.7	8
23	Combining donor derived cell free DNA and gene expression profiling for nonâ€invasive surveillance after heart transplantation. Clinical Transplantation, 2023, 37, e14699.	1.6	7
24	Recent Trends of Infectious Complications Following Heart Transplantation. Transplantation, 2020, 104, e284-e294.	1.0	6
25	Long-term clinical outcomes with use of an angiotensin-converting enzyme inhibitor early after heart transplantation. American Heart Journal, 2020, 222, 30-37.	2.7	6
26	The ratio of circulating regulatory cluster of differentiation 4 T cells to endothelial progenitor cells predicts clinically significant acute rejection after heart transplantation. Journal of Heart and Lung Transplantation, 2018, 37, 496-502.	0.6	4
27	Challenges encountered in conducting donor-based research: Lessons learned from the Donor Heart Study. American Journal of Transplantation, 2022, 22, 1760-1765.	4.7	3
28	Impact of Asymmetric Dimethylarginine on Coronary Physiology Early After Heart Transplantation. American Journal of Cardiology, 2017, 120, 1020-1025.	1.6	2
29	Early detection of post-transplant lymphoproliferative disorder using circulating tumor DNA.. Journal of Clinical Oncology, 2018, 36, 7572-7572.	1.6	1
30	Usefulness of Asymmetric Dimethylarginine to Predict Outcomes After Heart Transplantation. American Journal of Cardiology, 2018, 122, 1707-1711.	1.6	0
31	Post-transplant head and neck cancers: A prospective analysis of clinical factors for risk stratification.. Journal of Clinical Oncology, 2018, 36, e18051-e18051.	1.6	0
32	Deep Sequencing of Viral Cell-Free DNA for Noninvasive Detection of Immunosuppression-Related Lymphoid Malignancies. Blood, 2019, 134, 885-885.	1.4	0