Zsuzsanna Hollander

List of Publications by Year
in descending order

51 papers	**2,523** citations	304602 **22** h-index	214721 **47** g-index
52 all docs	**52** docs citations	**52** times ranked	**5733** citing authors

#	Article	IF	Citations
1	The Human Serum Metabolome. PLoS ONE, 2011, 6, e16957.	1.1	1,378
2	The Projected Epidemic of Chronic Obstructive Pulmonary Disease Hospitalizations over the Next 15 Years. A Population-based Perspective. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 287-291.	2.5	98
3	Proteomic Signatures in Plasma during Early Acute Renal Allograft Rejection. Molecular and Cellular Proteomics, 2010, 9, 1954-1967.	2.5	85
4	Ten-Year Trends in Direct Costs of COPD. Chest, 2015, 148, 640-646.	0.4	66
5	Exosomal miR-142-3p is increased during cardiac allograft rejection and augments vascular permeability through down-regulation of endothelial RAB11FIP2 expression. Cardiovascular Research, 2017, 113, cvw244.	1.8	53
6	Association of Serum MiR-142-3p and MiR-101-3p Levels with Acute Cellular Rejection after Heart Transplantation. PLoS ONE, 2017, 12, e0170842.	1.1	53
7	Biomarker Development for Chronic Obstructive Pulmonary Disease. From Discovery to Clinical Implementation. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 1162-1170.	2.5	51
8	Airway hyperresponsiveness in chronic obstructive pulmonary disease: A marker of asthma-chronic obstructive pulmonary disease overlap syndrome?. Journal of Allergy and Clinical Immunology, 2016, 138, 1571-1579.e10.	1.5	44
9	Whole Blood Genomic Biomarkers of Acute Cardiac Allograft Rejection. Journal of Heart and Lung Transplantation, 2009, 28, 927-935.	0.3	43
10	Computational Biomarker Pipeline from Discovery to Clinical Implementation: Plasma Proteomic Biomarkers for Cardiac Transplantation. PLoS Computational Biology, 2013, 9, e1002963.	1.5	40
11	Gender–specific plasma proteomic biomarkers in patients with Anderson–Fabry disease. European Journal of Heart Failure, 2015, 17, 291-300.	2.9	38
12	Discovery of novel plasma protein biomarkers to predict imminent cystic fibrosis pulmonary exacerbations using multiple reaction monitoring mass spectrometry. Thorax, 2016, 71, 216-222.	2.7	38
13	Biomarker Development in COPD. Chest, 2017, 151, 455-467.	0.4	36
14	MDQC: a new quality assessment method for microarrays based on quality control reports. Bioinformatics, 2007, 23, 3162-3169.	1.8	34
15	Functional Genomic Analysis of Peripheral Blood During Early Acute Renal Allograft Rejection. Transplantation, 2009, 88, 942-951.	0.5	33
16	A computational pipeline for the development of multi-marker bio-signature panels and ensemble classifiers. BMC Bioinformatics, 2012, 13, 326.	1.2	31
17	Alteration of human blood cell transcriptome in uremia. BMC Medical Genomics, 2013, 6, 23.	0.7	31
18	Molecular Signatures of End-Stage Heart Failure. Journal of Cardiac Failure, 2011, 17, 867-874.	0.7	30

#	Article	IF	Citations
19	Plasma protein biosignatures for detection of cardiac allograft vasculopathy. Journal of Heart and Lung Transplantation, 2013, 32, 723-733.	0.3	28
20	Differentiating heart failure phenotypes using sex‑specific transcriptomic and proteomic biomarker panels. ESC Heart Failure, 2017, 4, 301-311.	1.4	28
21	Whole Blood Biomarkers of Acute Cardiac Allograft Rejection: Double-Crossing the Biopsy. Transplantation, 2010, 90, 1388-1393.	0.5	27
22	Serum proteomics in multiple sclerosis disease progression. Journal of Proteomics, 2015, 118, 2-11.	1.2	27
23	COPD Exacerbation Biomarkers Validated Using Multiple Reaction Monitoring Mass Spectrometry. PLoS ONE, 2016, 11, e0161129.	1.1	19
24	The Effect of Different Case Definitions of Current Smoking on the Discovery of Smoking-Related Blood Gene Expression Signatures in Chronic Obstructive Pulmonary Disease. Nicotine and Tobacco Research, 2016, 18, 1903-1909.	1.4	18
25	Predicting acute cardiac rejection from donor heart and pre-transplant recipient blood gene expression. Journal of Heart and Lung Transplantation, 2013, 32, 259-265.	0.3	16
26	Phenotyping COPD exacerbations using imaging and blood-based biomarkers. International Journal of COPD, 2018, Volume 13, 217-229.	0.9	16
27	C-reactive protein and N-terminal prohormone brain natriuretic peptide as biomarkers in acute exacerbations of COPD leading to hospitalizations. PLoS ONE, 2017, 12, e0174063.	1.1	14
28	Searching for 'omic' biomarkers. Canadian Journal of Cardiology, 2009, 25, 9A-14A.	0.8	13
29	SABRE: a method for assessing the stability of gene modules in complex tissues and subject populations. BMC Bioinformatics, 2016, 17, 460.	1.2	13
30	Proteomic biomarkers of recovered heart function. European Journal of Heart Failure, 2014, 16, 551-559.	2.9	12
31	White Blood Cell Differentials Enrich Whole Blood Expression Data in the Context of Acute Cardiac Allograft Rejection. Bioinformatics and Biology Insights, 2012, 6, BBI.S9197.	1.0	11
32	HEARTBiT: A Transcriptomic Signature for Excluding Acute Cellular Rejection in Adult Heart Allograft Patients. Canadian Journal of Cardiology, 2020, 36, 1217-1227.	0.8	11
33	Circulating biomarker responses to medical management vs. mechanical circulatory support in severe inotrope‑dependent acute heart failure. ESC Heart Failure, 2016, 3, 86-96.	1.4	9
34	Blood biomarkers to predict short-term pulmonary exacerbation risk in children and adolescents with CF: A pilot study. Journal of Cystic Fibrosis, 2020, 19, 49-51.	0.3	9
35	Longitudinal Analysis of Whole Blood Transcriptomes to Explore Molecular Signatures Associated with Acute Renal Allograft Rejection. Bioinformatics and Biology Insights, 2014, 8, BBI.S13376.	1.0	8
36	Enumerateblood ‑ an R package to estimate the cellular composition of whole blood from Affymetrix Gene ST gene expression profiles. BMC Genomics, 2017, 18, 43.	1.2	7

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37	<p>Phenotyping and outcomes of hospitalized COPD patients using rapid molecular diagnostics on sputum samples</p>. International Journal of COPD, 2019, Volume 14, 311-319.	0.9	7
38	Effects of Sample Timing and Treatment on Gene Expression in Early Acute Renal Allograft Rejection. Transplantation, 2011, 91, 323-329.	0.5	6
39	Ensembling Electrical and Proteogenomics Biomarkers for Improved Prediction of Cardiac-Related 3-Month Hospitalizations: A Pilot Study. Canadian Journal of Cardiology, 2019, 35, 471-479.	0.8	6
40	Longitudinal analysis of whole blood transcriptomes to explore molecular signatures associated with acute renal allograft rejection. Bioinformatics and Biology Insights, 2014, 8, 17-33.	1.0	6
41	Epigenetic marker of telomeric age is associated with exacerbations and hospitalizations in chronic obstructive pulmonary disease. Respiratory Research, 2021, 22, 316.	1.4	6
42	The impact of IgG subclass deficiency on the risk of mortality in hospitalized patients with COPD. Respiratory Research, 2022, 23, .	1.4	6
43	IgG Levels and Mortality in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 362-365.	2.5	5
44	Epigenetic blood biomarkers of ageing and mortality in COPD. European Respiratory Journal, 2021, 58, 2101890.	3.1	5
45	Effect of short-term oral prednisone therapy on blood gene expression: a randomised controlled clinical trial. Respiratory Research, 2019, 20, 176.	1.4	4
46	Immunological Serum Protein Profiles for Noninvasive Detection of Acute Cellular Rejection After Heart Transplantation. Journal of the American College of Cardiology, 2017, 70, 2946-2947.	1.2	3
47	PGCA: An algorithm to link protein groups created from MS/MS data. PLoS ONE, 2017, 12, e0177569.	1.1	1
48	Genomic and Proteomic Biomarkers That Distinguish Ischemic and Non-Ischemic Heart Failure and Subjects with Normal Cardiac Function. Journal of Cardiac Failure, 2007, 13, S107.	0.7	0
49	Predicting Acute Cardiac Allograft Rejection Using Donor and Recipient Gene Expression. Journal of Cardiac Failure, 2011, 17, S43.	0.7	0
50	A Male-Specific mRNA Panel Improves Differentiation between Heart Failure with Reduced and Preserved Ejection Fraction. Journal of Cardiac Failure, 2014, 20, S28.	0.7	0
51	Investigating Blood-Based, Cell-Specific Biomarkers of Acute Cardiac Allograft Rejection. Transplantation, 2017, 101, S23.	0.5	0