

# Laura J Rasmussen-Torvik

## List of Publications by Year in descending order

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Version: 2024-02-01

89  
papers

4,210  
citations

172457

29  
h-index

133252

59  
g-index

95  
all docs

95  
docs citations

95  
times ranked

9264  
citing authors

#	ARTICLE	IF	CITATIONS
1	Serologic Status and SARS-CoV-2 Infection over 6 Months of Follow Up in Healthcare Workers in Chicago: A Cohort Study. <i>Infection Control and Hospital Epidemiology</i> , 2022, 43, 1207-1215.	1.8	17
2	Validation of Heart Failure-Specific Risk Equations in 1.3 Million Israeli Adults and Usefulness of Combining Ambulatory and Hospitalization Data from a Large Integrated Health Care Organization. <i>American Journal of Cardiology</i> , 2022, 168, 105-109.	1.6	4
3	Multi-ethnic GWAS and fine-mapping of glycaemic traits identify novel loci in the PAGE Study. <i>Diabetologia</i> , 2022, 65, 477-489.	6.3	15
4	Genetic variation in sodium glucose co-transporter 1 and cardiac structure and function at middle age. <i>ESC Heart Failure</i> , 2022, 9, 1496-1501.	3.1	1
5	Integrating clinical genetics in cardiology: Current practices and recommendations for education. <i>Genetics in Medicine</i> , 2022, 24, 1054-1061.	2.4	6
6	Practitioners' Confidence and Desires for Education in Cardiovascular and Sudden Cardiac Death Genetics. <i>Journal of the American Heart Association</i> , 2022, 11, e023763.	3.7	7
7	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation. <i>Nature Genetics</i> , 2022, 54, 560-572.	21.4	250
8	All-Cause Mortality of Patients With and Without Diabetes Following Bariatric Surgery: Comparison to Non-surgical Matched Patients. <i>Obesity Surgery</i> , 2021, 31, 755-762.	2.1	6
9	An innovative program to provide methodological mentoring and to foster the development of robust research teams for K awardees: RAMP Mentors. <i>Journal of Clinical and Translational Science</i> , 2021, 5, e43.	0.6	3
10	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. <i>Nature Communications</i> , 2021, 12, 24.	12.8	87
11	Association between triglycerides, known risk SNVs and conserved rare variation in SLC25A40 in a multi-ancestry cohort. <i>BMC Medical Genomics</i> , 2021, 14, 11.	1.5	4
12	Functional evaluation of human ion channel variants using automated electrophysiology. <i>Methods in Enzymology</i> , 2021, 654, 383-405.	1.0	9
13	Risk-Based Approach for the Prediction and Prevention of Heart Failure. <i>Circulation: Heart Failure</i> , 2021, 14, e007761.	3.9	19
14	Discovery and fine-mapping of height loci via high-density imputation of GWASs in individuals of African ancestry. <i>American Journal of Human Genetics</i> , 2021, 108, 564-582.	6.2	18
15	Penetrance of Breast Cancer Susceptibility Genes from the eMERGE III Network. <i>JNCI Cancer Spectrum</i> , 2021, 5, pkab044.	2.9	14
16	Peripubertal Anti-Mullerian Hormone Levels Are Associated With Hyperandrogenemia During Adolescence: The Avon Longitudinal Study of Parents and Children. <i>Journal of the Endocrine Society</i> , 2021, 5, A725-A726.	0.2	0
17	Practice Patterns After Return of Rare Variants Associated With Cardiomyopathy in the Electronic Medical Records and Genomics Network. <i>Circulation: Heart Failure</i> , 2021, 14, e008155.	3.9	1
18	The trans-ancestral genomic architecture of glyceemic traits. <i>Nature Genetics</i> , 2021, 53, 840-860.	21.4	341

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19	Effect of the Affordable Care Act on diabetes care at major health centers: newly detected diabetes and diabetes medication management. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e002205.	2.8	3
20	Association of the V122I Transthyretin Amyloidosis Genetic Variant With Cardiac Structure and Function in Middle-aged Black Adults. <i>JAMA Cardiology</i> , 2021, 6, 718.	6.1	7
21	Identification of Cardiac Fibrosis in Young Adults With a Homozygous Frameshift Variant in <i>SERPINE1</i> . <i>JAMA Cardiology</i> , 2021, 6, 841.	6.1	8
22	Facilitating Genetics Aware Clinical Decision Support: Putting the eMERGE Infrastructure into Practice. <i>ACI Open</i> , 2021, 05, e54-e58.	0.5	0
23	Seroprevalence and Correlates of SARS-CoV-2 Antibodies in Health Care Workers in Chicago. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofaa582.	0.9	46
24	Predictive Accuracy of Heart Failure-Specific Risk Equations in an Electronic Health Record-Based Cohort. <i>Circulation: Heart Failure</i> , 2020, 13, e007462.	3.9	17
25	Minority-centric meta-analyses of blood lipid levels identify novel loci in the Population Architecture using Genomics and Epidemiology (PAGE) study. <i>PLoS Genetics</i> , 2020, 16, e1008684.	3.5	17
26	Network Engagement in Action. <i>Medical Care</i> , 2020, 58, S66-S74.	2.4	13
27	Interpreting the pharmacoepidemiology literature in obstetrical studies: A guide for clinicians. <i>Seminars in Perinatology</i> , 2020, 44, 151225.	2.5	0
28	Impact of CYP2C9-Interacting Drugs on Warfarin Pharmacogenomics. <i>Clinical and Translational Science</i> , 2020, 13, 941-949.	3.1	13
29	Solutions for Unexpected Challenges Encountered when Integrating Research Genomics Results into the EHR. <i>ACI Open</i> , 2020, 04, e132-e135.	0.5	2
30	Title is missing!. , 2020, 16, e1008684.		0
31	Title is missing!. , 2020, 16, e1008684.		0
32	Title is missing!. , 2020, 16, e1008684.		0
33	Title is missing!. , 2020, 16, e1008684.		0
34	Title is missing!. , 2020, 16, e1008684.		0
35	Title is missing!. , 2020, 16, e1008684.		0
36	Clinical correlates and heritability of cardiac mechanics: The HyperGEN study. <i>International Journal of Cardiology</i> , 2019, 274, 208-213.	1.7	5

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37	Genome-wide meta-analysis of SNP and antihypertensive medication interactions on left ventricular traits in African Americans. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2019, 7, e00788.	1.2	4
38	Genome-wide Association Study of Change in Fasting Glucose over time in 13,807 non-diabetic European Ancestry Individuals. <i>Scientific Reports</i> , 2019, 9, 9439.	3.3	5
39	All-Cause Mortality Following Bariatric Surgery in Smokers and Non-smokers. <i>Obesity Surgery</i> , 2019, 29, 3854-3859.	2.1	3
40	Harmonizing Clinical Sequencing and Interpretation for the eMERGE III Network. <i>American Journal of Human Genetics</i> , 2019, 105, 588-605.	6.2	99
41	Genome-wide association study identifies novel loci for type 2 diabetes-attributed end-stage kidney disease in African Americans. <i>Human Genomics</i> , 2019, 13, 21.	2.9	32
42	A phenome-wide association study to discover pleiotropic effects of PCSK9, APOB, and LDLR. <i>Npj Genomic Medicine</i> , 2019, 4, 3.	3.8	26
43	An ancillary genomics system to support the return of pharmacogenomic results. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019, 26, 306-310.	4.4	18
44	Life's Simple 7 and Peripheral Artery Disease: The Multi-Ethnic Study of Atherosclerosis. <i>American Journal of Preventive Medicine</i> , 2019, 56, 262-270.	3.0	12
45	Research Directions in the Clinical Implementation of Pharmacogenomics: An Overview of US Programs and Projects. <i>Clinical Pharmacology and Therapeutics</i> , 2018, 103, 778-786.	4.7	110
46	Genome-wide interaction with the insulin secretion locus <i>MTNR1B</i> reveals <i>CMIP</i> as a novel type 2 diabetes susceptibility gene in African Americans. <i>Genetic Epidemiology</i> , 2018, 42, 559-570.	1.3	17
47	Association of Bariatric Surgery Using Laparoscopic Banding, Roux-en-Y Gastric Bypass, or Laparoscopic Sleeve Gastrectomy vs Usual Care Obesity Management With All-Cause Mortality. <i>JAMA - Journal of the American Medical Association</i> , 2018, 319, 279.	7.4	167
48	<i>LPA</i> Variants Are Associated With Residual Cardiovascular Risk in Patients Receiving Statins. <i>Circulation</i> , 2018, 138, 1839-1849.	1.6	64
49	Great expectations: patient perspectives and anticipated utility of non-diagnostic genomic-sequencing results. <i>Journal of Community Genetics</i> , 2018, 9, 19-26.	1.2	19
50	Genome-Wide Association Study of Serum Fructosamine and Glycated Albumin in Adults Without Diagnosed Diabetes: Results From the Atherosclerosis Risk in Communities Study. <i>Diabetes</i> , 2018, 67, 1684-1696.	0.6	16
51	Pre-pregnancy blood pressure and body mass index trajectories and incident hypertensive disorders of pregnancy. <i>Pregnancy Hypertension</i> , 2018, 13, 138-140.	1.4	8
52	Detecting potential pleiotropy across cardiovascular and neurological diseases using univariate, bivariate, and multivariate methods on 43,870 individuals from the eMERGE network. , 2018, , .		6
53	Concordance between Research Sequencing and Clinical Pharmacogenetic Genotyping in the eMERGE-PGx Study. <i>Journal of Molecular Diagnostics</i> , 2017, 19, 561-566.	2.8	18
54	Prevalence and Predictors of Diastolic Dysfunction According to Different Classification Criteria. <i>American Journal of Epidemiology</i> , 2017, 185, 1221-1227.	3.4	21

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55	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. <i>Nature Communications</i> , 2017, 8, 14977.	12.8	169
56	Rasmussen-Torvik et al. Respond to "The Perfect Measure of Diastolic Dysfunction" <i>American Journal of Epidemiology</i> , 2017, 185, 1231-1232.	3.4	1
57	Tamoxifen Acceptance and Adherence among Patients with Ductal Carcinoma In Situ (DCIS) Treated in a Multidisciplinary Setting. <i>Cancer Prevention Research</i> , 2017, 10, 389-397.	1.5	14
58	Apolipoprotein L1 Variants and Blood Pressure Traits in African Americans. <i>Journal of the American College of Cardiology</i> , 2017, 69, 1564-1574.	2.8	46
59	Neonatal Discontinuation Syndrome in Serotonergic Antidepressant-Exposed Neonates. <i>Journal of Clinical Psychiatry</i> , 2017, 78, 605-611.	2.2	18
60	Impact of common genetic determinants of Hemoglobin A1c on type 2 diabetes risk and diagnosis in ancestrally diverse populations: A transethnic genome-wide meta-analysis. <i>PLoS Medicine</i> , 2017, 14, e1002383.	8.4	341
61	Discovery and replication of SNP-SNP interactions for quantitative lipid traits in over 60,000 individuals. <i>BioData Mining</i> , 2017, 10, 25.	4.0	7
62	Genome-wide physical activity interactions in adiposity: A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017, 13, e1006528.	3.5	158
63	The National Patient-Centered Clinical Research Network (PCORnet) Bariatric Study Cohort: Rationale, Methods, and Baseline Characteristics. <i>JMIR Research Protocols</i> , 2017, 6, e222.	1.0	37
64	Genome-Wide Interaction with Insulin Secretion Loci Reveals Novel Loci for Type 2 Diabetes in African Americans. <i>PLoS ONE</i> , 2016, 11, e0159977.	2.5	7
65	Genetic loci associated with ideal cardiovascular health: A meta-analysis of genome-wide association studies. <i>American Heart Journal</i> , 2016, 175, 112-120.	2.7	25
66	Shared Genetic Risk Factors of Intracranial, Abdominal, and Thoracic Aneurysms. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	45
67	The Mediation of Racial Differences in Hypertension by Sleep Characteristics: Chicago Area Sleep Study. <i>American Journal of Hypertension</i> , 2016, 29, 1353-1357.	2.0	15
68	Description and initial evaluation of incorporating electronic follow-up of study participants in a longstanding multisite cohort study. <i>BMC Medical Research Methodology</i> , 2016, 16, 125.	3.1	6
69	Performance of an electronic health record-based phenotype algorithm to identify community associated methicillin-resistant <i>Staphylococcus aureus</i> cases and controls for genetic association studies. <i>BMC Infectious Diseases</i> , 2016, 16, 684.	2.9	9
70	Archeological Echocardiography: Digitization and Speckle Tracking Analysis of Archival Echocardiograms in the HyperGEN Study. <i>Echocardiography</i> , 2016, 33, 386-397.	0.9	24
71	Trans-ethnic Meta-analysis and Functional Annotation Illuminates the Genetic Architecture of Fasting Glucose and Insulin. <i>American Journal of Human Genetics</i> , 2016, 99, 56-75.	6.2	55
72	Prognostic Utility and Clinical Significance of Cardiac Mechanics in Heart Failure With Preserved Ejection Fraction. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, .	2.6	268

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73	Association of Arrhythmia-Related Genetic Variants With Phenotypes Documented in Electronic Medical Records. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 47.	7.4	148
74	A genetic risk score comprising known venous thromboembolism loci is associated with chronic venous disease in a multi-ethnic cohort. <i>Thrombosis Research</i> , 2015, 136, 966-973.	1.7	11
75	Identifying gene-gene interactions that are highly associated with Body Mass Index using Quantitative Multifactor Dimensionality Reduction (QMDR). <i>BioData Mining</i> , 2015, 8, 41.	4.0	17
76	rs4771122 Predicts Multiple Measures of Long-Term Weight Loss After Bariatric Surgery. <i>Obesity Surgery</i> , 2015, 25, 2225-2229.	2.1	19
77	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. <i>Nature Communications</i> , 2015, 6, 5897.	12.8	173
78	Genetic Variants Associated With Quantitative Glucose Homeostasis Traits Translate to Type 2 Diabetes in Mexican Americans: The GUARDIAN (Genetics Underlying Diabetes in Hispanics) Consortium. <i>Diabetes</i> , 2015, 64, 1853-1866.	0.6	77
79	A Robust e-Epidemiology Tool in Phenotyping Heart Failure with Differentiation for Preserved and Reduced Ejection Fraction: the Electronic Medical Records and Genomics (eMERGE) Network. <i>Journal of Cardiovascular Translational Research</i> , 2015, 8, 475-483.	2.4	44
80	Meta-Analysis of Genome-Wide Association Studies in African Americans Provides Insights into the Genetic Architecture of Type 2 Diabetes. <i>PLoS Genetics</i> , 2014, 10, e1004517.	3.5	191
81	Polygenic Type 2 Diabetes Prediction at the Limit of Common Variant Detection. <i>Diabetes</i> , 2014, 63, 2172-2182.	0.6	127
82	The relationship between adiposity-associated inflammation and coronary artery and abdominal aortic calcium differs by strata of central adiposity: The Multi-Ethnic Study of Atherosclerosis (MESA). <i>Vascular Medicine</i> , 2014, 19, 264-271.	1.5	15
83	Pleiotropic genes for metabolic syndrome and inflammation. <i>Molecular Genetics and Metabolism</i> , 2014, 112, 317-338.	1.1	107
84	Ideal Cardiovascular Health Is Inversely Associated With Incident Cancer. <i>Circulation</i> , 2013, 127, 1270-1275.	1.6	232
85	High Density GWAS for LDL Cholesterol in African Americans Using Electronic Medical Records Reveals a Strong Protective Variant in <i>APOE</i> . <i>Clinical and Translational Science</i> , 2012, 5, 394-399.	3.1	42
86	Associations of body mass index and insulin resistance with leptin, adiponectin, and the leptin-to-adiponectin ratio across ethnic groups: the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Annals of Epidemiology</i> , 2012, 22, 705-709.	1.9	45
87	Fasting Glucose <i>GWAS</i> Candidate Region Analysis Across Ethnic Groups in the Multiethnic Study of Atherosclerosis ( <i>MESA</i> ). <i>Genetic Epidemiology</i> , 2012, 36, 384-391.	1.3	28
88	Association of a Fasting Glucose Genetic Risk Score With Subclinical Atherosclerosis. <i>Diabetes</i> , 2011, 60, 331-335.	0.6	46
89	Impact of repeated measures and sample selection on genome-wide association studies of fasting glucose. <i>Genetic Epidemiology</i> , 2010, 34, 665-673.	1.3	30