Geoffrey S Ginsburg

List of Publications by Year
in descending order

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266 papers	15,060 citations	20817 60 h-index	23533 111 g-index
289 all docs	289 docs citations	289 times ranked	19717 citing authors

#	Article	IF	Citations
1	A Genomic Strategy to Refine Prognosis in Early-Stage Nonâ€“Small-Cell Lung Cancer. New England Journal of Medicine, 2006, 355, 570-580.	27.0	577
2	Genomic signatures to guide the use of chemotherapeutics. Nature Medicine, 2006, 12, 1294-1300.	30.7	557
3	Implementing genomic medicine in the clinic: the future is here. Genetics in Medicine, 2013, 15, 258-267.	2.4	472
4	Precision Medicine: From Science To Value. Health Affairs, 2018, 37, 694-701.	5.2	455
5	Genomic and personalized medicine: foundations and applications. Translational Research, 2009, 154, 277-287.	5.0	453
6	The SLCO1B1*5Genetic Variant Is Associated With Statin-Induced Side Effects. Journal of the American College of Cardiology, 2009, 54, 1609-1616.	2.8	452
7	Gene Expression Signatures Diagnose Influenza and Other Symptomatic Respiratory Viral Infections in Humans. Cell Host and Microbe, 2009, 6, 207-217.	11.0	408
8	Association of a Peripheral Blood Metabolic Profile With Coronary Artery Disease and Risk of Subsequent Cardiovascular Events. Circulation: Cardiovascular Genetics, 2010, 3, 207-214.	5.1	390
9	An Integrated Clinico-Metabolomic Model Improves Prediction of Death in Sepsis. Science Translational Medicine, 2013, 5, 195ra95.	12.4	380
10	The Evaluation of Chest Pain in Women. New England Journal of Medicine, 1996, 334, 1311-1315.	27.0	362
11	Targeted Therapies for Cancer 2004. American Journal of Clinical Pathology, 2004, 122, 598-609.	0.7	261
12	Immune System Dysregulation During Spaceflight: Potential Countermeasures for Deep Space Exploration Missions. Frontiers in Immunology, 2018, 9, 1437.	4.8	257
13	Personalized Medicine: Progress and Promise. Annual Review of Genomics and Human Genetics, 2011, 12, 217-244.	6.2	256
14	Cardiac troponin T and I, electrocardiographic wall motion analyses, and ejection fractions in athletes participating in the Hawaii Ironman Triathlon. American Journal of Cardiology, 1999, 83, 1085-1089.	1.6	222
15	Unsupervised Analysis of Transcriptomics in Bacterial Sepsis Across Multiple Datasets Reveals Three Robust Clusters. Critical Care Medicine, 2018, 46, 915-925.	0.9	219
16	The Scientific Foundation for Personal Genomics: Recommendations from a National Institutes of Healthâ€“Centers for Disease Control and Prevention Multidisciplinary Workshop. Genetics in Medicine, 2009, 11, 559-567.	2.4	207
17	Host gene expression classifiers diagnose acute respiratory illness etiology. Science Translational Medicine, 2016, 8, 322ra11.	12.4	202
18	Genomic Medicine: A Decade of Successes, Challenges, and Opportunities. Science Translational Medicine, 2013, 5, 189sr4.	12.4	197

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19	The IGNITE network: a model for genomic medicine implementation and research. BMC Medical Genomics, 2015, 9, 1.	1.5	189
20	A community approach to mortality prediction in sepsis via gene expression analysis. Nature Communications, 2018, 9, 694.	12.8	178
21	Correlation of Peripheral-Blood Gene Expression With the Extent of Coronary Artery Stenosis. Circulation: Cardiovascular Genetics, 2008, 1, 31-38.	5.1	175
22	Temporal Dynamics of Host Molecular Responses Differentiate Symptomatic and Asymptomatic Influenza A Infection. PLoS Genetics, 2011, 7, e1002234.	3.5	173
23	Enabling Technologies for Personalized and Precision Medicine. Trends in Biotechnology, 2020, 38, 497-518.	9.3	169
24	Gene Expression Signatures That Predict Radiation Exposure in Mice and Humans. PLoS Medicine, 2007, 4, e106.	8.4	168
25	H3N2 Influenza Infection Elicits More Cross-Reactive and Less Clonally Expanded Anti-Hemagglutinin Antibodies Than Influenza Vaccination. PLoS ONE, 2011, 6, e25797.	2.5	158
26	A Host Transcriptional Signature for Presymptomatic Detection of Infection in Humans Exposed to Influenza H1N1 or H3N2. PLoS ONE, 2013, 8, e52198.	2.5	157
27	Gene Expression Patterns in Peripheral Blood Correlate with the Extent of Coronary Artery Disease. PLoS ONE, 2009, 4, e7037.	2.5	153
28	Global implementation of genomic medicine: We are not alone. Science Translational Medicine, 2015, 7, 290ps13.	12.4	146
29	High heritability of metabolomic profiles in families burdened with premature cardiovascular disease. Molecular Systems Biology, 2009, 5, 258.	7.2	140
30	A Host-Based RT-PCR Gene Expression Signature to Identify Acute Respiratory Viral Infection. Science Translational Medicine, 2013, 5, 203ra126.	12.4	133
31	Embracing the complexity of genomic data for personalized medicine. Genome Research, 2006, 16, 559-566.	5.5	121
32	Research Directions in the Clinical Implementation of Pharmacogenomics: An Overview of US Programs and Projects. Clinical Pharmacology and Therapeutics, 2018, 103, 778-786.	4.7	110
33	Transforming Epidemiology for 21st Century Medicine and Public Health. Cancer Epidemiology Biomarkers and Prevention, 2013, 22, 508-516.	2.5	104
34	Aspirin resistance and a single gene. American Journal of Cardiology, 2005, 95, 805-808.	1.6	103
35	The Personalized Medicine Coalition. Molecular Diagnosis and Therapy, 2005, 5, 345-355.	3.3	103
36	Gene Expression Signatures of Radiation Response Are Specific, Durable and Accurate in Mice and Humans. PLoS ONE, 2008, 3, e1912.	2.5	101

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37	Intratumor Heterogeneity and Precision of Microarray-Based Predictors of Breast Cancer Biology and Clinical Outcome. Journal of Clinical Oncology, 2010, 28, 2198-2206.	1.6	99
38	Challenges and strategies for implementing genomic services in diverse settings: experiences from the Implementing GeNomics In pracTicE (IGNITE) network. BMC Medical Genomics, 2017, 10, 35.	1.5	99
39	Deep Sequencing of Influenza A Virus from a Human Challenge Study Reveals a Selective Bottleneck and Only Limited Intrahost Genetic Diversification. Journal of Virology, 2016, 90, 11247-11258.	3.4	97
40	A national clinical decision support infrastructure to enable the widespread and consistent practice of genomic and personalized medicine. BMC Medical Informatics and Decision Making, 2009, 9, 17.	3.0	94
41	Left Ventricular Hypertrophy in Athletes. American Journal of Cardiology, 1997, 80, 1384-1388.	1.6	89
42	Peripheral blood gene expression profiling for cardiovascular disease assessment. Genomic Medicine, 2007, 1, 105-112.	0.3	89
43	Gene Expression Signatures, Clinicopathological Features, and Individualized Therapy in Breast Cancer. JAMA - Journal of the American Medical Association, 2008, 299, 1574.	7.4	89
44	Neuropeptide Y Gene Polymorphisms Confer Risk of Early-Onset Atherosclerosis. PLoS Genetics, 2009, 5, e1000318.	3.5	87
45	Developing Biomarker Arrays Predicting Sleep and Circadian-Coupled Risks to Health. Sleep, 2016, 39, 727-736.	1.1	87
46	Dysregulated transcriptional responses to SARS-CoV-2 in the periphery. Nature Communications, 2021, 12, 1079.	12.8	81
47	High-density lipoprotein subfractions. American Journal of Medicine, 1993, 94, 636-645.	1.5	80
48	Pharmacogenetic Predictors of Statin-Mediated Low-Density Lipoprotein Cholesterol Reduction and Dose Response. Circulation: Cardiovascular Genetics, 2008, 1, 100-106.	5.1	80
49	RAB11FIP5 Expression and Altered Natural Killer Cell Function Are Associated with Induction of HIV Broadly Neutralizing Antibody Responses. Cell, 2018, 175, 387-399.e17.	28.9	78
50	Identifying Patients at High Risk of a Cardiovascular Event in the Near Future. Circulation, 2010, 121, 1447-1454.	1.6	76
51	Targeted Therapies for Cancer 2004. American Journal of Clinical Pathology, 2004, 122, 598-609.	0.7	76
52	Aligning incentives to fulfil the promise of personalised medicine. Lancet, The, 2015, 385, 2118-2119.	13.7	72
53	An integrated transcriptome and expressed variant analysis of sepsis survival and death. Genome Medicine, 2014, 6, 111.	8.2	70
54	Realizing the Full Potential of Precision Medicine in Health and Health Care. JAMA - Journal of the American Medical Association, 2016, 316, 1659.	7.4	70

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55	Genome-Wide Association Study of Lp-PLA2 Activity and Mass in the Framingham Heart Study. PLoS Genetics, 2010, 6, e1000928.	3.5	66
56	Frequency of low serum high-density lipoprotein cholesterol levels in hospitalized patients with â€œdesirableâ€•total cholesterol levels. American Journal of Cardiology, 1991, 68, 187-192.	1.6	65
57	Prospects for Personalized Cardiovascular Medicine. Journal of the American College of Cardiology, 2005, 46, 1615-1627.	2.8	65
58	Clinical Application of Cardiovascular Pharmacogenetics. Journal of the American College of Cardiology, 2012, 60, 9-20.	2.8	65
59	Aspirin Exposure Reveals Novel Genes Associated With Platelet Function and Cardiovascular Events. Journal of the American College of Cardiology, 2013, 62, 1267-1276.	2.8	65
60	Genomic Risk Profiling: Attitudes and Use in Personal and Clinical Care of Primary Care Physicians Who Offer Risk Profiling. Journal of General Internal Medicine, 2011, 26, 834-840.	2.6	64
61	A Guide for a Cardiovascular Genomics Biorepository: the CATHGEN Experience. Journal of Cardiovascular Translational Research, 2015, 8, 449-457.	2.4	64
62	Gender differences in exercise-induced changes in sex hormone levels and lipid peroxidation in athletes participating in the Hawaii Ironman triathlon. Clinica Chimica Acta, 2001, 305, 131-139.	1.1	63
63	Longitudinal analysis of leukocyte differentials in peripheral blood of patients with acute respiratory viral infections. Journal of Clinical Virology, 2013, 58, 689-695.	3.1	63
64	Implications of Pharmacogenomics for Drug Development and Clinical Practice. Archives of Internal Medicine, 2005, 165, 2331.	3.8	61
65	Family health history: underused for actionable risk assessment. Lancet, The, 2019, 394, 596-603.	13.7	59
66	Genomic medicine: genetic variation and its impact on the future of health care. Philosophical Transactions of the Royal Society B: Biological Sciences, 2005, 360, 1543-1550.	4.0	58
67	Centralized Biorepositories for Genetic and Genomic Research. JAMA - Journal of the American Medical Association, 2008, 299, 1359.	7.4	58
68	Primary Care Physiciansâ€™ Knowledge, Attitudes, and Experience with Personal Genetic Testing. Journal of Personalized Medicine, 2019, 9, 29.	2.5	58
69	The path to personalized medicine. Current Opinion in Chemical Biology, 2002, 6, 434-438.	6.1	57
70	Gene Expression Analysis of Cardiovascular Diseases. Journal of the American College of Cardiology, 2006, 48, 227-235.	2.8	56
71	Patient and primary care provider experience using a family health history collection, risk stratification, and clinical decision support tool: a type 2 hybrid controlled implementation-effectiveness trial. BMC Family Practice, 2013, 14, 111.	2.9	56
72	Comparing influenza and RSV viral and disease dynamics in experimentally infected adults predicts clinical effectiveness of RSV antivirals. Antiviral Therapy, 2013, 18, 785-791.	1.0	55

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73	Development and validation of a primary care-based family health history and decision support program (MeTree). North Carolina Medical Journal, 2013, 74, 287-96.	0.2	55
74	Opportunities, resources, and techniques for implementing genomics in clinical care. Lancet, The, 2019, 394, 511-520.	13.7	53
75	Association of Hepatic Steatosis With Major Adverse Cardiovascular Events, Independent of Coronary Artery Disease. Clinical Gastroenterology and Hepatology, 2021, 19, 1480-1488.e14.	4.4	53
76	Translating genomic biomarkers into clinically useful diagnostics. Expert Review of Molecular Diagnostics, 2006, 6, 179-191.	3.1	51
77	Gene Expression-Based Classifiers Identify Staphylococcus aureus Infection in Mice and Humans. PLoS ONE, 2013, 8, e48979.	2.5	50
78	The current epidemiology and clinical decisions surrounding acute respiratory infections. Trends in Molecular Medicine, 2014, 20, 579-588.	6.7	50
79	Opportunities for the Cardiovascular Community in the Precision Medicine Initiative. Circulation, 2016, 133, 226-231.	1.6	50
80	Health Coaching and Genomicsâ€”Potential Avenues to Elicit Behavior Change in those at Risk for Chronic Disease: Protocol for Personalized Medicine Effectiveness Study in Air Force Primary Care. Global Advances in Health and Medicine, 2013, 2, 26-38.	1.6	49
81	An individualized predictor of health and disease using paired reference and target samples. BMC Bioinformatics, 2016, 17, 47.	2.6	49
82	Making genomic medicine evidence-based and patient-centered: a structured review and landscape analysis of comparative effectiveness research. Genetics in Medicine, 2017, 19, 1-11.	2.4	49
83	Opening Up to Precompetitive Collaboration. Science Translational Medicine, 2010, 2, 52cm26.	12.4	47
84	Medical genomics: Gather and use genetic data in health care. Nature, 2014, 508, 451-453.	27.8	47
85	Multiplex detection of disease biomarkers using SERS molecular sentinel-on-chip. Analytical and Bioanalytical Chemistry, 2014, 406, 3335-3344.	3.7	46
86	Human genetic and metabolite variation reveals that methylthioadenosine is a prognostic biomarker and an inflammatory regulator in sepsis. Science Advances, 2017, 3, e1602096.	10.3	46
87	High-Sensitivity Troponin I and CoronaryÂComputed Tomography inÂSymptomatic Outpatients WithÂSuspected CAD. JACC: Cardiovascular Imaging, 2019, 12, 1047-1055.	5.3	46
88	Comparative Effectiveness Research, Genomics-Enabled Personalized Medicine, and Rapid Learning Health Care: A Common Bond. Journal of Clinical Oncology, 2012, 30, 4233-4242.	1.6	44
89	The effective rate of influenza reassortment is limited during human infection. PLoS Pathogens, 2017, 13, e1006203.	4.7	42
90	Transcriptional Regulation of the Cholesteryl Ester Transfer Protein Gene by the Orphan Nuclear Hormone Receptor Apolipoprotein AI Regulatory Protein-1. Journal of Biological Chemistry, 1995, 270, 29916-29922.	3.4	41

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91	Implementing family health history risk stratification in primary care: Impact of guideline criteria on populations and resource demand. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2014, 166, 24-33.	1.6	41
92	Blood Gene Expression Signatures Predict Invasive Candidiasis. Science Translational Medicine, 2010, 2, 21ra17.	12.4	40
93	Cancer Pharmacogenomics and Pharmacoepidemiology: Setting a Research Agenda to Accelerate Translation. Journal of the National Cancer Institute, 2010, 102, 1698-1705.	6.3	40
94	The Long and Winding Road to Warfarin Pharmacogenetic Testing. Journal of the American College of Cardiology, 2010, 55, 2813-2815.	2.8	40
95	An atlas connecting shared genetic architecture of human diseases and molecular phenotypes provides insight into COVID-19 susceptibility. Genome Medicine, 2021, 13, 83.	8.2	40
96	Whole blood gene expression analyses in patients with single versus recurrent venous thromboembolism. Thrombosis Research, 2011, 128, 536-540.	1.7	39
97	Quality of family history collection with use of a patient facing family history assessment tool. BMC Family Practice, 2014, 15, 31.	2.9	39
98	Opportunities to implement a sustainable genomic medicine program: lessons learned from the IGNITE Network. Genetics in Medicine, 2019, 21, 743-747.	2.4	39
99	Validation of a host response test to distinguish bacterial and viral respiratory infection. EBioMedicine, 2019, 48, 453-461.	6.1	39
100	Discriminating Bacterial and Viral Infection Using a Rapid Host Gene Expression Test*. Critical Care Medicine, 2021, 49, 1651-1663.	0.9	39
101	Patient experiences with pharmacogenetic testing in a primary care setting. Pharmacogenomics, 2016, 17, 1629-1636.	1.3	38
102	The Project Baseline Health Study: a step towards a broader mission to map human health. Npj Digital Medicine, 2020, 3, 84.	10.9	38
103	High predictive accuracy of an unbiased proteomic profile for sustained virologic response in chronic hepatitis C patients. Hepatology, 2011, 53, 1809-1818.	7.3	36
104	Single-Molecule hsTnI and Short-Term Risk in Stable Patients With Chest Pain. Journal of the American College of Cardiology, 2019, 73, 251-260.	2.8	36
105	Making Personalized Health Care Even More Personalized: Insights From Activities of the IOM Genomics Roundtable. Annals of Family Medicine, 2015, 13, 373-380.	1.9	34
106	Clinical utility of a Web-enabled risk-assessment and clinical decision support program. Genetics in Medicine, 2016, 18, 1020-1028.	2.4	34
107	A blood-based host gene expression assay for early detection of respiratory viral infection: an index-cluster prospective cohort study. Lancet Infectious Diseases, The, 2021, 21, 396-404.	9.1	34
108	Does Type 2 Diabetes Genetic Testing and Counseling Reduce Modifiable Risk Factors? A Randomized Controlled Trial of Veterans. Journal of General Internal Medicine, 2015, 30, 1591-1598.	2.6	33

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109	Acute Changes in Serum Lipids and Lipoprotein Subclasses in Triathletes as Assessed by Proton Nuclear Magnetic Resonance Spectroscopy. Arteriosclerosis, Thrombosis, and Vascular Biology, 1999, 19, 1945-1949.	2.4	32
110	What was old is new again: using the host response to diagnose infectious disease. Expert Review of Molecular Diagnostics, 2015, 15, 1143-1158.	3.1	32
111	Acquired dynamic left ventricular outflow tract obstruction complicating acute anterior myocardial infarction: Serial echocardiographic and clinical evaluation. Journal of the American Society of Echocardiography, 1997, 10, 717-721.	2.8	31
112	Integrating diagnostics and therapeutics: revolutionizing drug discovery and patient care. Drug Discovery Today, 2002, 7, 859-864.	6.4	31
113	Prescribing BiDil. Journal of the American College of Cardiology, 2006, 48, 12-14.	2.8	31
114	Taking Cardiovascular Genetic Association Studies to the Next Level. Journal of the American College of Cardiology, 2007, 50, 930-932.	2.8	31
115	Surface-enhanced Raman scattering molecular sentinel nanoprobes for viral infection diagnostics. Analytica Chimica Acta, 2013, 786, 153-158.	5.4	31
116	Genetically Guided Statin Therapy on Statin Perceptions, Adherence, and Cholesterol Lowering: A Pilot Implementation Study in Primary Care Patients. Journal of Personalized Medicine, 2014, 4, 147-162.	2.5	31
117	Genomics-Enabled Drug Repositioning and Repurposing. JAMA - Journal of the American Medical Association, 2014, 311, 2063.	7.4	31
118	Challenges in the phenotypic characterisation of patients in genetic studies of coronary artery disease. Journal of Medical Genetics, 2006, 44, 161-165.	3.2	30
119	Discovery of biomarker candidates for coronary artery disease from an APOEâ€knock out mouse model using iTRAQâ€based multiplex quantitative proteomics. Proteomics, 2011, 11, 2763-2776.	2.2	30
120	Comparative Effectiveness Research in Cancer Genomics and Precision Medicine: Current Landscape and Future Prospects. Journal of the National Cancer Institute, 2013, 105, 929-936.	6.3	30
121	Pilot study of pharmacist-assisted delivery of pharmacogenetic testing in a primary care setting. Pharmacogenomics, 2014, 15, 1677-1686.	1.3	30
122	Providing patient education: impact on quantity and quality of family health history collection. Familial Cancer, 2014, 13, 325-332.	1.9	30
123	A Genomic Signature of Influenza Infection Shows Potential for Presymptomatic Detection, Guiding Early Therapy, and Monitoring Clinical Responses. Open Forum Infectious Diseases, 2016, 3, ofw007.	0.9	30
124	Insurance Coverage Policies for Pharmacogenomic and Multi-Gene Testing for Cancer. Journal of Personalized Medicine, 2018, 8, 19.	2.5	30
125	Bayesian inference of the number of factors in gene-expression analysis: application to human virus challenge studies. BMC Bioinformatics, 2010, 11, 552.	2.6	29
126	Specific Immunologic Countermeasure Protocol for Deep-Space Exploration Missions. Frontiers in Immunology, 2019, 10, 2407.	4.8	29

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127	Digital Healthâ€"The Need to Assess Benefits, Risks, and Value. JAMA - Journal of the American Medical Association, 2021, 325, 127-128.	7.4	28
128	Genomic medicine: bringing biomarkers to clinical medicine. Current Opinion in Chemical Biology, 2005, 9, 381-386.	6.1	26
129	Qualitative study of system-level factors related to genomic implementation. Genetics in Medicine, 2019, 21, 1534-1540.	2.4	26
130	The International Hundred Thousand Plus Cohort Consortium: integrating large-scale cohorts to address global scientific challenges. The Lancet Digital Health, 2020, 2, e567-e568.	12.3	25
131	Assessment of the Feasibility of Using Noninvasive Wearable Biometric Monitoring Sensors to Detect Influenza and the Common Cold Before Symptom Onset. JAMA Network Open, 2021, 4, e2128534.	5.9	25
132	Detection of Viruses Via Statistical Gene Expression Analysis. IEEE Transactions on Biomedical Engineering, 2011, 58, 468-479.	4.2	24
133	Predicting Viral Infection From High-Dimensional Biomarker Trajectories. Journal of the American Statistical Association, 2011, 106, 1259-1279.	3.1	24
134	Realizing the Opportunities of Genomics in Health Care. JAMA - Journal of the American Medical Association, 2013, 309, 1463.	7.4	24
135	Implementation, adoption, and utility of family health history risk assessment in diverse care settings: evaluating implementation processes and impact with an implementation framework. Genetics in Medicine, 2019, 21, 331-338.	2.4	24
136	Genomic Medicine: â€˜Grand challengesâ€™ in the translation of genomics to human health. European Journal of Human Genetics, 2008, 16, 873-874.	2.8	23
137	Time-dependent changes in non-COX-1-dependent platelet function with daily aspirin therapy. Journal of Thrombosis and Thrombolysis, 2012, 33, 246-257.	2.1	23
138	Gene Expression Profiles Link Respiratory Viral Infection, Platelet Response to Aspirin, and Acute Myocardial Infarction. PLoS ONE, 2015, 10, e0132259.	2.5	23
139	Use of a Patientâ€Entered Family Health History Tool with Decision Support in Primary Care: Impact of Identification of Increased Risk Patients on Genetic Counseling Attendance. Journal of Genetic Counseling, 2015, 24, 179-188.	1.6	23
140	Collection of family health history for assessment of chronic disease risk in primary care. North Carolina Medical Journal, 2013, 74, 279-86.	0.2	23
141	Academic Medical Centers: Ripe for Rapid-Learning Personalized Health Care. Science Translational Medicine, 2011, 3, 101cm27.	12.4	22
142	The genomic medicine model: an integrated approach to implementation of family health history in primary care. Personalized Medicine, 2013, 10, 295-306.	1.5	22
143	Primary care providersâ€™ use of pharmacist support for delivery of pharmacogenetic testing. Pharmacogenomics, 2017, 18, 359-367.	1.3	21
144	Impact of Genetic Testing and Family Health History Based Risk Counseling on Behavior Change and Cognitive Precursors for Type 2 Diabetes. Journal of Genetic Counseling, 2017, 26, 133-140.	1.6	21

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145	Influence of Sex on Platelet Reactivity in Response to Aspirin. Journal of the American Heart Association, 2020, 9, e014726.	3.7	21
146	A proposed approach to accelerate evidence generation for genomic-based technologies in the context of a learning health system. Genetics in Medicine, 2018, 20, 390-396.	2.4	20
147	The MURDOCK Study: a long-term initiative for disease reclassification through advanced biomarker discovery and integration with electronic health records. American Journal of Translational Research (discontinued), 2012, 4, 291-301.	0.0	20
148	Consideration of patient preferences and challenges in storage and access of pharmacogenetic test results. Genetics in Medicine, 2011, 13, 887-890.	2.4	19
149	Systems Pharmacogenomics Finds RUNX1 Is an Aspirin-Responsive Transcription Factor Linked to Cardiovascular Disease and Colon Cancer. EBioMedicine, 2016, 11, 157-164.	6.1	19
150	Family history assessment significantly enhances delivery of precision medicine in the genomics era. Genome Medicine, 2021, 13, 3.	8.2	19
151	Systematic comparison of published host gene expression signatures for bacterial/viral discrimination. Genome Medicine, 2022, 14, 18.	8.2	19
152	Development of a Novel Preclinical Model of Pneumococcal Pneumonia in Nonhuman Primates. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 995-1004.	2.9	18
153	Association of Metabolic Phenotypes With Coronary Artery Disease and Cardiovascular Events in Patients With Stable Chest Pain. Diabetes Care, 2021, 44, 1038-1045.	8.6	18
154	Evaluation and Clinical Application of a Direct Low-Density Lipoprotein Cholesterol Assay in Normolipidemic and Hyperlipidemic Adults fn1 fn1This study was supported in part by a grant from Sigma Diagnostics, St. Louis, Missouri.. American Journal of Cardiology, 1997, 80, 1295-1299.	1.6	17
155	High-Dimensional Longitudinal Genomic Data: An analysis used for monitoring viral infections. IEEE Signal Processing Magazine, 2012, 29, 108-123.	5.6	17
156	SLCO1B1 genetic variants, long-term low-density lipoprotein cholesterol levels and clinical events in patients following cardiac catheterization. Pharmacogenomics, 2015, 16, 449-458.	1.3	17
157	Nasopharyngeal Protein Biomarkers of Acute Respiratory Virus Infection. EBioMedicine, 2017, 17, 172-181.	6.1	17
158	Establishing the value of genomics in medicine: the IGNITE Pragmatic Trials Network. Genetics in Medicine, 2021, 23, 1185-1191.	2.4	17
159	The Measurement to Understand Reclassification of Disease of Cabarrus/Kannapolis (MURDOCK) Study Community Registry and Biorepository. American Journal of Translational Research (discontinued), 2012, 4, 458-70.	0.0	17
160	Peripheral blood expression of nuclear factor-kappab-regulated genes is associated with rheumatoid arthritis disease activity and responds differentially to anti-tumor necrosis factor-alpha versus methotrexate. Journal of Rheumatology, 2007, 34, 1817-22.	2.0	17
161	Examining the impact of genetic testing for type 2 diabetes on health behaviors: study protocol for a randomized controlled trial. Trials, 2012, 13, 121.	1.6	16
162	Clinical utility of genetic risk testing in primary care: the example of Type 2 diabetes. Personalized Medicine, 2013, 10, 549-563.	1.5	15

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163	Perspectives on Genetic and Genomic Technologies in an Academic Medical Center: The Duke Experience. Journal of Personalized Medicine, 2015, 5, 67-82.	2.5	15
164	Perceptions of Personalized Medicine in an Academic Health System: Educational Findings. Journal of Contemporary Medical Education, 2015, 3, 14.	0.2	15
165	Demographic Imbalances Resulting From the Bring-Your-Own-Device Study Design. JMIR MHealth and UHealth, 2022, 10, e29510.	3.7	15
166	Organizational Improvements to Enhance Modern Clinical Epidemiology. JAMA - Journal of the American Medical Association, 2008, 300, 2300.	7.4	14
167	A miRNA Host Response Signature Accurately Discriminates Acute Respiratory Infection Etiologies. Frontiers in Microbiology, 2018, 9, 2957.	3.5	14
168	A crowdsourced analysis to identify ab initio molecular signatures predictive of susceptibility to viral infection. Nature Communications, 2018, 9, 4418.	12.8	14
169	A Global Collaborative to Advance Genomic Medicine. American Journal of Human Genetics, 2019, 104, 407-409.	6.2	14
170	Validation of a Host Gene Expression Test for Bacterial/Viral Discrimination in Immunocompromised Hosts. Clinical Infectious Diseases, 2021, 73, 605-613.	5.8	14
171	The Integration of Molecular Diagnostics With Therapeutics. American Journal of Clinical Pathology, 2003, 119, 26-36.	0.7	14
172	Prospective Validation of a Rapid Host Gene Expression Test to Discriminate Bacterial From Viral Respiratory Infection. JAMA Network Open, 2022, 5, e227299.	5.9	14
173	Reductive acetoxylation on .alpha.,.alpha.'-dibromocycloalkanones by ultrasonically dispersed mercury. Journal of Organic Chemistry, 1979, 44, 349-352.	3.2	13
174	Integration of molecular diagnostics with therapeutics: implications for drug discovery and patient care. Expert Review of Molecular Diagnostics, 2002, 2, 531-541.	3.1	13
175	An age- and sex-specific gene expression score is associated with revascularization and coronary artery disease: Insights from the Prospective Multicenter Imaging Study for Evaluation of Chest Pain (PROMISE) trial. American Heart Journal, 2017, 184, 133-140.	2.7	13
176	Cardiovascular Disease: Impact of Biomarkers, Proteomics, and Genomics. Clinical Chemistry, 2017, 63, 1-4.	3.2	13
177	What will it take to implement genomics in practice? Lessons from the IGNITE Network. Personalized Medicine, 2019, 16, 259-261.	1.5	13
178	At the intersection of precision medicine and population health: an implementation-effectiveness study of family health history based systematic risk assessment in primary care. BMC Health Services Research, 2020, 20, 1015.	2.2	13
179	Strategies to Integrate Genomic Medicine into Clinical Care: Evidence from the IGNITE Network. Journal of Personalized Medicine, 2021, 11, 647.	2.5	13
180	The Host Response to Viral Infections Reveals Common and Virus-Specific Signatures in the Peripheral Blood. Frontiers in Immunology, 2021, 12, 741837.	4.8	13

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181	Stereoelectronic control in the electrochemical and mercury-promoted reductive acetoxylation of .alpha.,.alpha.'-dibromobicycloalkanones. Journal of the American Chemical Society, 1979, 101, 3927-3932.	13.7	12
182	Preoperative CYP2D6 metabolism-dependent Î²-blocker use and mortality after coronary artery bypass grafting surgery. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 1368-1375.e3.	0.8	12
183	Effects of heparin and cardiac catheterization on serum lipoprotein and triglyceride levels. American Journal of Cardiology, 1994, 74, 47-52.	1.6	11
184	Novelâ€"and â€œNeuâ€â€"Therapeutic Possibilities for Heart FailureâŽâŽEditorials published in the Journal of the American College of Cardiologyreflect the views of the authors and do not necessarily represent the views of JACCor the American College of Cardiology.. Journal of the American College of Cardiology, 2006, 48, 1448-1450.	2.8	11
185	Transcriptomic Analysis of the Host Response and Innate Resilience to EnterotoxigenicEscherichia coliInfection in Humans. Journal of Infectious Diseases, 2016, 213, 1495-1504.	4.0	11
186	Frequency of hypothyroidism in adults with serum total cholesterol levels >200 mg/dl. American Journal of Cardiology, 1994, 73, 955-957.	1.6	10
187	Genomic Medicine Year in Review: 2019. American Journal of Human Genetics, 2019, 105, 1072-1075.	6.2	10
188	The host transcriptional response to Candidemia is dominated by neutrophil activation and heme biosynthesis and supports novel diagnostic approaches. Genome Medicine, 2021, 13, 108.	8.2	10
189	The National Academiesâ€™ Roundtable on Genomics and Precision Health: Where we have been and where we are heading. American Journal of Human Genetics, 2021, 108, 1817-1822.	6.2	10
190	Genomic analyses: A neonatology perspective. Journal of Pediatrics, 2006, 148, 720-726.	1.8	9
191	Gene Expression Signatures and the Spectrum of Coronary Artery Disease. Journal of Cardiovascular Translational Research, 2015, 8, 339-352.	2.4	9
192	Clinical Genomic Testing: Getting It Right. Journal of Cardiovascular Translational Research, 2008, 1, 17-20.	2.4	8
193	Philanthropy for Science. Circulation Research, 2016, 119, 1057-1059.	4.5	8
194	Facilitating translational team science: The project leader model. Journal of Clinical and Translational Science, 2019, 3, 140-146.	0.6	8
195	Rapid, Sample-to-Answer Host Gene Expression Test to Diagnose Viral Infection. Open Forum Infectious Diseases, 2019, 6, ofz466.	0.9	8
196	A host gene expression approach for identifying triggers of asthma exacerbations. PLoS ONE, 2019, 14, e0214871.	2.5	8
197	Effect of Sociodemographic Factors on Uptake of a Patient-Facing Information Technology Family Health History Risk Assessment Platform. Applied Clinical Informatics, 2019, 10, 180-188.	1.7	8
198	Harnessing the Power of Artificial Intelligence in Otolaryngology and the Communication Sciences. JARO - Journal of the Association for Research in Otolaryngology, 2022, 23, 319-349.	1.8	8

#	Article	IF	Citations
199	The future may be closer than you think: a response from the Personalized Medicine Coalition to the Royal Society's report on personalized medicine. Personalized Medicine, 2006, 3, 119-123.	1.5	7
200	Institutional Profile: A hub for bench-to-bedside pharmacogenomic-based research. Pharmacogenomics, 2011, 12, 1095-1098.	1.3	7
201	Pilot study of myocardial ischemia-induced metabolomic changes in emergency department patients undergoing stress testing. PLoS ONE, 2019, 14, e0211762.	2.5	7
202	Evaluation of family health history collection methods impact on data and risk assessment outcomes. Preventive Medicine Reports, 2020, 18, 101072.	1.8	7
203	The host response to infection: advancing a novel diagnostic paradigm. Critical Care, 2012, 16, 168.	5.8	6
204	Tumor Acquisition for Biomarker Research in Lung Cancer. Cancer Investigation, 2014, 32, 291-298.	1.3	6
205	Integrative health care services utilization as a function of body mass index: A BraveNet practice-based research network study. Advances in Integrative Medicine, 2017, 4, 14-21.	0.9	6
206	Platelet reactivity in response to aspirin and ticagrelor in African-Americans and European-Americans. Journal of Thrombosis and Thrombolysis, 2021, 51, 249-259.	2.1	6
207	Highlights of the Year in JACC2005. Journal of the American College of Cardiology, 2006, 47, 184-202.	2.8	5
208	Platelet RNA as a novel biomarker for the response to antiplatelet therapy. Future Cardiology, 2014, 10, 9-12.	1.2	5
209	Patient Beliefs and Behaviors About Genomic Risk for Type 2 Diabetes: Implications for Prevention. Journal of Health Communication, 2015, 20, 728-735.	2.4	5
210	Genomics, clinical research, and learning health care systems: Strategies to improve patient care. Nursing Outlook, 2016, 64, 225-228.	2.6	5
211	Genomic Medicine Year in Review: 2020. American Journal of Human Genetics, 2020, 107, 1007-1010.	6.2	5
212	Previously Derived Host Gene Expression Classifiers Identify Bacterial and Viral Etiologies of Acute Febrile Respiratory Illness in a South Asian Population. Open Forum Infectious Diseases, 2020, 7, ofaa194.	0.9	5
213	Sp and GATA factors are critical for Apolipoprotein AI downstream enhancer activity in human HepG2 cells. Gene, 2003, 323, 31-42.	2.2	4
214	Pharmacogenetics of the response to statins. Current Cardiovascular Risk Reports, 2009, 3, 434-440.	2.0	4
215	Global approaches to genomic medicine implementation. Science Translational Medicine, 2020, 12, .	12.4	4
216	Adaptive Multi-Channel Event Segmentation and Feature Extraction for Monitoring Health Outcomes. IEEE Transactions on Biomedical Engineering, 2021, 68, 2377-2388.	4.2	4

#	Article	IF	Citations
217	Heparin-based blood purification attenuates organ injury in baboons with Streptococcus pneumoniae pneumonia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 321, L321-L335.	2.9	4
218	Aspirin effects on platelet gene expression are associated with a paradoxical, increase in platelet function. British Journal of Clinical Pharmacology, 2022, 88, 2074-2083.	2.4	4
219	Genomic medicine year in review: 2021. American Journal of Human Genetics, 2021, 108, 2210-2214.	6.2	4
220	Why cardiologists should be interested in estrogen. American Journal of Cardiology, 1996, 78, 559-561.	1.6	3
221	Task Force on Strategic Research Direction. Circulation, 2002, 106, e149-61.	1.6	3
222	Order-Preserving Factor Analysisâ€"Application to Longitudinal Gene Expression. IEEE Transactions on Signal Processing, 2011, 59, 4447-4458.	5.3	3
223	Genetic Testing: Clinical and Personal Utility. AMA Journal of Ethics, 2012, 14, 604-609.	0.7	3
224	A novel diagnostic approach may reduce inappropriate antibiotic use for acute respiratory infections. Expert Review of Anti-Infective Therapy, 2014, 12, 279-282.	4.4	3
225	Bayesian modeling of temporal properties of infectious disease in a college student population. Journal of Applied Statistics, 2014, 41, 1358-1382.	1.3	3
226	In Pursuit of Sleep-Circadian Biomarkers. Sleep, 2015, 38, 1665-1666.	1.1	3
227	Clinical implementation of genomic medicine: the importance of global collaboration. Expert Review of Precision Medicine and Drug Development, 2016, 1, 349-351.	0.7	3
228	Genomics-Inspired Biomarkers and Diagnosticsâ€"Where Are They?. Clinical Chemistry, 2017, 63, 255-257.	3.2	3
229	Genetic profiling and tailored therapy in asthma: are we there yet?. Current Opinion in Molecular Therapeutics, 2007, 9, 528-37.	2.8	3
230	A comparison of host response strategies to distinguish bacterial and viral infection. PLoS ONE, 2021, 16, e0261385.	2.5	3
231	PUBLIC HEALTH: Genomics and Medicine at a Crossroads in Chernobyl. Science, 2006, 314, 62-63.	12.6	2
232	Translational Genomics: From Discovery to Clinical Practice. , 2009, , 262-274.		2
233	Response: Improving Development of the Molecular Signature for Diagnosis of Acute Respiratory Viral Infections. Cell Host and Microbe, 2010, 7, 102.	11.0	2
234	A note from the editors. Personalized Medicine, 2018, 15, 237-238.	1.5	2

#	Article	IF	Citations
235	Translating pharmacogenetics from research to routine clinical practice â€“ a survey of the IGNITE Network. Translational Medicine Communications, 2020, 5, .	1.4	2
236	Clinical implementation of an oncologyâ€specific family health history risk assessment tool. Hereditary Cancer in Clinical Practice, 2021, 19, 20.	1.5	2
237	Comparing the Diagnostic Accuracy of Clinician Judgement to a Novel Host Response Diagnostic for Acute Respiratory Illness. Open Forum Infectious Diseases, 2021, 8, ofab564.	0.9	2
238	Highlights of the Year in JACC2006. Journal of the American College of Cardiology, 2007, 49, 509-527.	2.8	1
239	Highlights of the Year in JACC 2007. Journal of the American College of Cardiology, 2008, 51, 490-512.	2.8	1
240	Interview. Personalized Medicine, 2009, 6, 15-18.	1.5	1
241	Conference Scene: Is personalized medicine ready for prime time?. Personalized Medicine, 2012, 9, 475-478.	1.5	1
242	Implementing Genomic Medicine in the Clinic. Obstetrical and Gynecological Survey, 2013, 68, 621-623.	0.4	1
243	Local and Global Challenges in the Clinical Implementation of Precision Medicine. , 2017, , 105-117.		1
244	2014. TLDA Validation of a Host Response Signature to Discriminate Bacterial, Viral, and Non-infectious Causes of Illness. Open Forum Infectious Diseases, 2018, 5, S587-S587.	0.9	1
245	Utility of High-Sensitivity Troponin Among Stable Patients With Chest Pain Undergoing Stress Imaging (from PROMISE). American Journal of Cardiology, 2021, 158, 148-149.	1.6	1
246	Promoting Wellness Through Mobile Health Technology in a College Student Population: Protocol Development and Pilot Study. JMIR Research Protocols, 2020, 9, e16474.	1.0	1
247	Transforming the practice of medicine using genomics. Clinical Cases in Mineral and Bone Metabolism, 2009, 6, 25-8.	1.0	1
248	A precision medicine approach to stress testing using metabolomics and microribonucleic acids. Personalized Medicine, 2022, 19, 287-297.	1.5	1
249	OUP accepted manuscript. Cardiovascular Research, 2022, , .	3.8	1
250	Health coaching and genetic risk testing in primary care: Randomized controlled trial.. Health Psychology, 2022, 41, 719-732.	1.6	1
251	Additions and Corrections - Stereoelectronic Control in the Electrochemical and Mercury-Promoted Reductive Acetoxylation of Î±Î±'-Dibromobicycloalkanones. Journal of the American Chemical Society, 1979, 101, 7439-7439.	13.7	0
252	Preview of Special Issue in 2009. Journal of Cardiovascular Translational Research, 2008, 1, 334-335.	2.4	0

#	Article	IF	Citations
253	The Center for Genomic Medicine at the Duke Institute for Genome Sciences & Policy: propelling genomics into clinical practice. Personalized Medicine, 2009, 6, 255-261.	1.5	0
254	Translational Genomics. , 2010, , 163-174.		0
255	Application of Human Genome Information to Clinical Practice. , 2013, , 204-215.		0
256	Host Transcriptomic Signatures for Early Diagnosis of Acute Respiratory Viral Infection in a University-Based Index-Cluster Cohort. Open Forum Infectious Diseases, 2016, 3, .	0.9	0
257	2015. Host Gene Expression Identifies Infectious Triggers of Asthma Exacerbation. Open Forum Infectious Diseases, 2018, 5, S587-S587.	0.9	0
258	2018. Host Gene Expression Classifiers Distinguish Bacterial and Viral Infections in Sri Lankan Patients with Acute Febrile Respiratory Illness. Open Forum Infectious Diseases, 2018, 5, S588-S588.	0.9	0
259	Affiliate network members as force amplifiers of genomic medicine research. Personalized Medicine, 2019, 16, 431-433.	1.5	0
260	1330. Evaluation of Multiple Host Response-Based Strategies to Classify Acute Respiratory Illness. Open Forum Infectious Diseases, 2019, 6, S481-S481.	0.9	0
261	2595. Murine Models for the Host Response to Typical and Atypical Pneumonia. Open Forum Infectious Diseases, 2019, 6, S902-S902.	0.9	0
262	Welcome to the 18th volume of Personalized Medicine. Personalized Medicine, 2021, 18, 1-3.	1.5	0
263	Experience and Perceptions of a Family Health History Risk Assessment Tool among Multi-Ethnic Asian Breast Cancer Patients. Journal of Personalized Medicine, 2021, 11, 1046.	2.5	0
264	Application of Molecular Technologies to Clinical Medicine. , 2012, , 199-203.		0
265	1218. Comparing the Diagnostic Accuracy of Clinician Judgement to a Novel Host Response Diagnostic for Acute Respiratory Illness. Open Forum Infectious Diseases, 2020, 7, S630-S630.	0.9	0
266	1226. Performance of a Host Response Test for Bacterial/Viral Discrimination in Immunocompromised Patients. Open Forum Infectious Diseases, 2020, 7, S633-S634.	0.9	0