

Muin J Khoury

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

110
papers

6,540
citations

39
h-index

79
g-index

127
ext. papers

7,758
ext. citations

9.3
avg, IF

6.25
L-index

#	Paper	IF	Citations
110	Increasing value and reducing waste in research design, conduct, and analysis. <i>Lancet, The</i> , 2014 , 383, 166-75	40	870
109	The continuum of translation research in genomic medicine: how can we accelerate the appropriate integration of human genome discoveries into health care and disease prevention?. <i>Genetics in Medicine</i> , 2007 , 9, 665-74	8.1	526
108	A navigator for human genome epidemiology. <i>Nature Genetics</i> , 2008 , 40, 124-5	36.3	324
107	Precision Public Health for the Era of Precision Medicine. <i>American Journal of Preventive Medicine</i> , 2016 , 50, 398-401	6.1	265
106	Medicine. Big data meets public health. <i>Science</i> , 2014 , 346, 1054-5	33.3	227
105	Charting a future for epidemiologic training. <i>Annals of Epidemiology</i> , 2015 , 25, 458-65	6.4	219
104	The Scientific Foundation for personal genomics: recommendations from a National Institutes of Health-Centers for Disease Control and Prevention multidisciplinary workshop. <i>Genetics in Medicine</i> , 2009 , 11, 559-67	8.1	186
103	The emergence of translational epidemiology: from scientific discovery to population health impact. <i>American Journal of Epidemiology</i> , 2010 , 172, 517-24	3.8	177
102	Convergence of Implementation Science, Precision Medicine, and the Learning Health Care System: A New Model for Biomedical Research. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 315, 1941-2	27.4	177
101	Improving validation practices in "omics" research. <i>Science</i> , 2011 , 334, 1230-2	33.3	164
100	Do we need genomic research for the prevention of common diseases with environmental causes?. <i>American Journal of Epidemiology</i> , 2005 , 161, 799-805	3.8	118
99	Will Precision Medicine Improve Population Health?. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 316, 1357-1358	27.4	115
98	Invited commentary: from genome-wide association studies to gene-environment-wide interaction studies--challenges and opportunities. <i>American Journal of Epidemiology</i> , 2009 , 169, 227-30; discussion 234-5	3.8	115
97	From public health emergency to public health service: the implications of evolving criteria for newborn screening panels. <i>Pediatrics</i> , 2006 , 117, 923-9	7.4	102
96	Cascade Screening for Familial Hypercholesterolemia and the Use of Genetic Testing. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 318, 381-382	27.4	100
95	A population approach to precision medicine. <i>American Journal of Preventive Medicine</i> , 2012 , 42, 639-45	6.1	100
94	On the synthesis and interpretation of consistent but weak gene-disease associations in the era of genome-wide association studies. <i>International Journal of Epidemiology</i> , 2007 , 36, 439-45	7.8	94

93	The evidence dilemma in genomic medicine. <i>Health Affairs</i> , 2008 , 27, 1600-11	7	90
92	Transforming epidemiology for 21st century medicine and public health. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013 , 22, 508-16	4	83
91	The current state of implementation science in genomic medicine: opportunities for improvement. <i>Genetics in Medicine</i> , 2017 , 19, 858-863	8.1	71
90	From public health genomics to precision public health: a 20-year journey. <i>Genetics in Medicine</i> , 2018 , 20, 574-582	8.1	71
89	A public health perspective on a national precision medicine cohort: balancing long-term knowledge generation with early health benefit. <i>JAMA - Journal of the American Medical Association</i> , 2015 , 313, 2117-8	27.4	69
88	Assessing value in biomedical research: the PQRST of appraisal and reward. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 312, 483-4	27.4	64
87	The emergence of epidemiology in the genomics age. <i>International Journal of Epidemiology</i> , 2004 , 33, 936-44	7.8	64
86	Current priorities for public health practice in addressing the role of human genomics in improving population health. <i>American Journal of Preventive Medicine</i> , 2011 , 40, 486-93	6.1	60
85	Prevalence and Predictors of Cholesterol Screening, Awareness, and Statin Treatment Among US Adults With Familial Hypercholesterolemia or Other Forms of Severe Dyslipidemia (1999-2014). <i>Circulation</i> , 2018 , 137, 2218-2230	16.7	57
84	Descriptive epidemiology of small intestinal atresia, Atlanta, Georgia. <i>Teratology</i> , 1993 , 48, 441-50		56
83	Will genomics widen or help heal the schism between medicine and public health?. <i>American Journal of Preventive Medicine</i> , 2007 , 33, 310-7	6.1	54
82	The genomic applications in practice and prevention network. <i>Genetics in Medicine</i> , 2009 , 11, 488-94	8.1	51
81	A systematic review of cancer GWAS and candidate gene meta-analyses reveals limited overlap but similar effect sizes. <i>European Journal of Human Genetics</i> , 2014 , 22, 402-8	5.3	46
80	Comparative effectiveness research and genomic medicine: an evolving partnership for 21st century medicine. <i>Genetics in Medicine</i> , 2009 , 11, 707-11	8.1	45
79	Making genomic medicine evidence-based and patient-centered: a structured review and landscape analysis of comparative effectiveness research. <i>Genetics in Medicine</i> , 2017 , 19, 1081-1091	8.1	42
78	Population sciences, translational research, and the opportunities and challenges for genomics to reduce the burden of cancer in the 21st century. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2011 , 20, 2105-14	4	41
77	How can polygenic inheritance be used in population screening for common diseases?. <i>Genetics in Medicine</i> , 2013 , 15, 437-43	8.1	40
76	Beyond base pairs to bedside: a population perspective on how genomics can improve health. <i>American Journal of Public Health</i> , 2012 , 102, 34-7	5.1	40

75	"Drivers" of translational cancer epidemiology in the 21st century: needs and opportunities. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013 , 22, 181-8	4	39
74	GAPscreener: an automatic tool for screening human genetic association literature in PubMed using the support vector machine technique. <i>BMC Bioinformatics</i> , 2008 , 9, 205	3.6	35
73	Multilevel research and the challenges of implementing genomic medicine. <i>Journal of the National Cancer Institute Monographs</i> , 2012 , 2012, 112-20	4.8	34
72	Trends in utilization and costs of BRCA testing among women aged 18-64 years in the United States, 2003-2014. <i>Genetics in Medicine</i> , 2018 , 20, 428-434	8.1	33
71	Family history and personal genomics as tools for improving health in an era of evidence-based medicine. <i>American Journal of Preventive Medicine</i> , 2010 , 39, 184-8	6.1	33
70	Precision Public Health as a Key Tool in the COVID-19 Response. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 324, 933-934	27.4	28
69	Horizon scanning for translational genomic research beyond bench to bedside. <i>Genetics in Medicine</i> , 2014 , 16, 535-8	8.1	27
68	Comparative epidemiology of selected midline congenital abnormalities. <i>Genetic Epidemiology</i> , 1994 , 11, 141-54	2.6	27
67	Translational research is a key to nongeneticist physicians' genomics education. <i>Genetics in Medicine</i> , 2014 , 16, 871-3	8.1	26
66	A collaborative translational research framework for evaluating and implementing the appropriate use of human genome sequencing to improve health. <i>PLoS Medicine</i> , 2018 , 15, e1002631	11.6	25
65	Knowledge integration at the center of genomic medicine. <i>Genetics in Medicine</i> , 2012 , 14, 643-7	8.1	25
64	BRCA Genetic Testing and Receipt of Preventive Interventions Among Women Aged 18-64 Years with Employer-Sponsored Health Insurance in Nonmetropolitan and Metropolitan Areas - United States, 2009-2014. <i>MMWR Surveillance Summaries</i> , 2017 , 66, 1-11	54.1	25
63	Communication of cancer-related genetic and genomic information: A landscape analysis of reviews. <i>Translational Behavioral Medicine</i> , 2018 , 8, 59-70	3.2	24
62	Utilization of epidermal growth factor receptor (EGFR) testing in the United States: a case study of T3 translational research. <i>Genetics in Medicine</i> , 2013 , 15, 630-8	8.1	24
61	Utilization of genetic tests: analysis of gene-specific billing in Medicare claims data. <i>Genetics in Medicine</i> , 2017 , 19, 890-899	8.1	23
60	No Shortcuts on the Long Road to Evidence-Based Genomic Medicine. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 318, 27-28	27.4	23
59	Are randomized trials obsolete or more important than ever in the genomic era?. <i>Genome Medicine</i> , 2013 , 5, 32	14.4	20
58	Genomics in Public Health: Perspective from the Office of Public Health Genomics at the Centers for Disease Control and Prevention (CDC). <i>Healthcare (Switzerland)</i> , 2015 , 3, 830-7	3.4	20

57	Public health genomics approach to type 2 diabetes. <i>Diabetes</i> , 2008 , 57, 2911-4	0.9	20
56	Leveraging Implementation Science to Address Health Disparities in Genomic Medicine: Examples from the Field. <i>Ethnicity and Disease</i> , 2019 , 29, 187-192	1.8	19
55	Evidence-based medicine and big genomic data. <i>Human Molecular Genetics</i> , 2018 , 27, R2-R7	5.6	19
54	A Proposed Approach for Implementing Genomics-Based Screening Programs for Healthy Adults. <i>NAM Perspectives</i> ,	2.8	19
53	Evaluating the role of public health in implementation of genomics-related recommendations: a case study of hereditary cancers using the CDC Science Impact Framework. <i>Genetics in Medicine</i> , 2019 , 21, 28-37	8.1	18
52	Emerging Concepts in Precision Medicine and Cardiovascular Diseases in Racial and Ethnic Minority Populations. <i>Circulation Research</i> , 2019 , 125, 7-13	15.7	17
51	Cancer communication research in the era of genomics and precision medicine: a scoping review. <i>Genetics in Medicine</i> , 2019 , 21, 1691-1698	8.1	17
50	Evidence synthesis and guideline development in genomic medicine: current status and future prospects. <i>Genetics in Medicine</i> , 2015 , 17, 63-7	8.1	16
49	Genetic epidemiology with a capital E, ten years after. <i>Genetic Epidemiology</i> , 2011 , 35, 845-52	2.6	16
48	The need for a next-generation public health response to rare diseases. <i>Genetics in Medicine</i> , 2016 , 19, 489-490	8.1	15
47	Public health genomics: the end of the beginning. <i>Genetics in Medicine</i> , 2011 , 13, 206-9	8.1	15
46	A knowledge base for tracking the impact of genomics on population health. <i>Genetics in Medicine</i> , 2016 , 18, 1312-1314	8.1	14
45	DNA-Based Population Screening: Potential Suitability and Important Knowledge Gaps. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 323, 307-308	27.4	14
44	Clinical utility of genetic and genomic services: context matters. <i>Genetics in Medicine</i> , 2016 , 18, 672-4	8.1	13
43	A proposed approach to accelerate evidence generation for genomic-based technologies in the context of a learning health system. <i>Genetics in Medicine</i> , 2018 , 20, 390-396	8.1	12
42	The contribution of family history to the burden of diagnosed diabetes, undiagnosed diabetes, and prediabetes in the United States: analysis of the National Health and Nutrition Examination Survey, 2009-2014. <i>Genetics in Medicine</i> , 2018 , 20, 1159-1166	8.1	11
41	Is there a need for PGxceptionalism?. <i>Genetics in Medicine</i> , 2011 , 13, 866-7	8.1	11
40	Opportunities for translational epidemiology: the important role of observational studies to advance precision oncology. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015 , 24, 484-9	4	10

39	Commentary: epidemiology and the continuum from genetic research to genetic testing. <i>American Journal of Epidemiology</i> , 2002 , 156, 297-9	3.8	10
38	Frontiers in cancer epidemiology: a challenge to the research community from the Epidemiology and Genomics Research Program at the National Cancer Institute. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2012 , 21, 999-1001	4	9
37	The intersection of genomics and big data with public health: Opportunities for precision public health. <i>PLoS Medicine</i> , 2020 , 17, e1003373	11.6	9
36	Evolution of the "drivers" of translational cancer epidemiology: analysis of funded grants and the literature. <i>American Journal of Epidemiology</i> , 2015 , 181, 451-8	3.8	8
35	An overview of recommendations and translational milestones for genomic tests in cancer. <i>Genetics in Medicine</i> , 2015 , 17, 431-40	8.1	8
34	Why should genomic medicine become more evidence-based?. <i>Genomic Medicine</i> , 2007 , 1, 91-3		8
33	Why Hasn't Genomic Testing Changed the Landscape in Clinical Oncology?. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2012 , e52-5	7.1	8
32	Precision Health Analytics With Predictive Analytics and Implementation Research: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , 2020 , 76, 306-320	15.1	7
31	Scientific reporting is suboptimal for aspects that characterize genetic risk prediction studies: a review of published articles based on the Genetic Risk Prediction Studies statement. <i>Journal of Clinical Epidemiology</i> , 2014 , 67, 487-99	5.7	7
30	2012 highlights in translational 'omics. <i>Genome Medicine</i> , 2013 , 5, 10	14.4	7
29	Implementation of the 21-gene recurrence score test in the United States in 2011. <i>Genetics in Medicine</i> , 2016 , 18, 982-90	8.1	6
28	Cancer screening and genetics: a tale of two paradigms. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014 , 23, 909-16	4	6
27	Predicting intrauterine growth retardation in sibships while considering maternal and infant covariates. <i>Genetic Epidemiology</i> , 1989 , 6, 525-35	2.6	5
26	Current Social Media Conversations about Genetics and Genomics in Health: A Twitter-Based Analysis. <i>Public Health Genomics</i> , 2018 , 21, 93-99	1.9	5
25	Precision Medicine vs Preventive Medicine. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 321, 406	27.4	4
24	Family History-Wide Association Study to Identify Clinical and Environmental Risk Factors for Common Chronic Diseases. <i>American Journal of Epidemiology</i> , 2019 , 188, 1563-1568	3.8	4
23	Khoury et al. Respond to "The Epicenter of Translational Science" Crossing All the T's. <i>American Journal of Epidemiology</i> , 2010 , 172, 528-529	3.8	4
22	HLBS-PopOmics: an online knowledge base to accelerate dissemination and implementation of research advances in population genomics to reduce the burden of heart, lung, blood, and sleep disorders. <i>Genetics in Medicine</i> , 2019 , 21, 519-524	8.1	4

21	Communication About Hereditary Cancers on Social Media: A Content Analysis of Tweets About Hereditary Breast and Ovarian Cancer and Lynch Syndrome. <i>Journal of Cancer Education</i> , 2020 , 35, 131-137	1.8	4
20	A scoping review of social and behavioral science research to translate genomic discoveries into population health impact. <i>Translational Behavioral Medicine</i> , 2021 , 11, 901-911	3.2	4
19	Utility before business. <i>Genetics in Medicine</i> , 2014 , 16, 869-70	8.1	3
18	Predictive Analytics: Helping Guide the Implementation Research Agenda at the National Heart, Lung, and Blood Institute. <i>Global Heart</i> , 2019 , 14, 75-79	2.9	3
17	Redundant meta-analyses are common in genetic epidemiology. <i>Journal of Clinical Epidemiology</i> , 2020 , 127, 40-48	5.7	2
16	Using deep learning to identify translational research in genomic medicine beyond bench to bedside. <i>Database: the Journal of Biological Databases and Curation</i> , 2019 , 2019,	5	2
15	From genes to public health: are we ready for DNA-based population screening?. <i>Genetics in Medicine</i> , 2021 , 23, 996-998	8.1	2
14	Evaluating Precision Medicine's Ability to Improve Population Health-Reply. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 317, 441	27.4	1
13	Harnessing the Power of Collaboration and Training Within Clinical Data Science to Generate Real-World Evidence in the Era of Precision Oncology. <i>Clinical Pharmacology and Therapeutics</i> , 2019 , 106, 60-66	6.1	1
12	The Cancer Genomics and Epidemiology Navigator: An NCI online tool to enhance cancer epidemiology research. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014 , 23, 2610-1	4	1
11	Guidelines for submitting human genome epidemiology (HuGE) reviews to Teratology. <i>Teratology</i> , 2001 , 63, 62-64		1
10	A New Resource for Genomics and Precision Health Information and Publications on the Investigation and Control of COVID-19 and other Coronaviruses		1
9	Tracking human genes along the translational continuum. <i>Npj Genomic Medicine</i> , 2019 , 4, 25	6.2	0
8	The Cancer Epidemiology Descriptive Cohort Database: A Tool to Support Population-Based Interdisciplinary Research. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016 , 25, 1392-1401	4	0
7	Challenges and Opportunities for Communication about the Role of Genomics in Public Health. <i>Public Health Genomics</i> , 2021 , 24, 67-74	1.9	0
6	COVID-19 GPH: tracking the contribution of genomics and precision health to the COVID-19 pandemic response.. <i>BMC Infectious Diseases</i> , 2022 , 22, 402	4	0
5	The authors reply. <i>American Journal of Epidemiology</i> , 2015 , 181, 361	3.8	
4	Epidemiology matters: peering inside the "black box" in economic evaluations of genetic testing. <i>Genetics in Medicine</i> , 2016 , 18, 963-5	8.1	

3 Evidence Dilemma: The Authors Respond **2009**, 28, 926-927

2 The integration of genomics into paediatric and perinatal epidemiology: guidelines for submitting human genome epidemiology (HuGE) reviews. *Paediatric and Perinatal Epidemiology*, **2005**, 19, 178-80 2.7

1 Current status of the implementation of gene expression testing in breast cancer management in the United States.. *Journal of Clinical Oncology*, **2013**, 31, 6562-6562 2.2