

Muin J Khoury

List of Publications by Year in descending order

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Version: 2024-02-01

120
papers

8,469
citations

66343

42
h-index

46799

89
g-index

127
all docs

127
docs citations

127
times ranked

12651
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19 GPH: tracking the contribution of genomics and precision health to the COVID-19 pandemic response. BMC Infectious Diseases, 2022, 22, 402.	2.9	1
2	Health equity in the implementation of genomics and precision medicine: A public health imperative. Genetics in Medicine, 2022, 24, 1630-1639.	2.4	38
3	Addressing the routine failure to clinically identify monogenic cases of common disease. Genome Medicine, 2022, 14, .	8.2	11
4	A scoping review of social and behavioral science research to translate genomic discoveries into population health impact. Translational Behavioral Medicine, 2021, 11, 901-911.	2.4	8
5	Challenges and Opportunities for Communication about the Role of Genomics in Public Health. Public Health Genomics, 2021, 24, 67-74.	1.0	3
6	From genes to public health: are we ready for DNA-based population screening?. Genetics in Medicine, 2021, 23, 996-998.	2.4	12
7	The impact of genomics on precision public health: beyond the pandemic. Genome Medicine, 2021, 13, 67.	8.2	20
8	Communication About Hereditary Cancers on Social Media: A Content Analysis of Tweets About Hereditary Breast and Ovarian Cancer and Lynch Syndrome. Journal of Cancer Education, 2020, 35, 131-137.	1.3	9
9	DNA-Based Population Screening. JAMA - Journal of the American Medical Association, 2020, 323, 307.	7.4	31
10	Precision Public Health as a Key Tool in the COVID-19 Response. JAMA - Journal of the American Medical Association, 2020, 324, 933.	7.4	54
11	Redundant meta-analyses are common in genetic epidemiology. Journal of Clinical Epidemiology, 2020, 127, 40-48.	5.0	8
12	Precision Health Analytics With Predictive Analytics and Implementation Research. Journal of the American College of Cardiology, 2020, 76, 306-320.	2.8	25
13	The intersection of genomics and big data with public health: Opportunities for precision public health. PLoS Medicine, 2020, 17, e1003373.	8.4	26
14	Evaluating the role of public health in implementation of genomics-related recommendations: a case study of hereditary cancers using the CDC Science Impact Framework. Genetics in Medicine, 2019, 21, 28-37.	2.4	31
15	Tracking human genes along the translational continuum. Npj Genomic Medicine, 2019, 4, 25.	3.8	2
16	Precision Medicine vs Preventive Medicine. JAMA - Journal of the American Medical Association, 2019, 321, 406.	7.4	6
17	Emerging Concepts in Precision Medicine and Cardiovascular Diseases in Racial and Ethnic Minority Populations. Circulation Research, 2019, 125, 7-13.	4.5	37
18	Family Historyâ€“Wide Association Study to Identify Clinical and Environmental Risk Factors for Common Chronic Diseases. American Journal of Epidemiology, 2019, 188, 1563-1568.	3.4	8

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19	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.	4.7	4
20	Leveraging Implementation Science to Address Health Disparities in Genomic Medicine: Examples from the Field. <i>Ethnicity and Disease</i> , 2019, 29, 187-192.	2.3	43
21	Ten years of Genome Medicine. <i>Genome Medicine</i> , 2019, 11, 7.	8.2	11
22	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, .	3.0	4
23	Perspective: The Clinical Use of Polygenic Risk Scores: Race, Ethnicity, and Health Disparities. <i>Ethnicity and Disease</i> , 2019, 29, 513-516.	2.3	24
24	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.	2.4	4
25	Cancer communication research in the era of genomics and precision medicine: a scoping review. <i>Genetics in Medicine</i> , 2019, 21, 1691-1698.	2.4	27
26	Predictive Analytics: Helping Guide the Implementation Research Agenda at the National Heart, Lung, and Blood Institute. <i>Global Heart</i> , 2019, 14, 75.	2.3	6
27	Communication of cancer-related genetic and genomic information: A landscape analysis of reviews. <i>Translational Behavioral Medicine</i> , 2018, 8, 59-70.	2.4	41
28	Evidence-based medicine and big genomic data. <i>Human Molecular Genetics</i> , 2018, 27, R2-R7.	2.9	29
29	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.	2.4	17
30	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.	1.6	100
31	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.	2.4	42
32	From public health genomics to precision public health: a 20-year journey. <i>Genetics in Medicine</i> , 2018, 20, 574-582.	2.4	109
33	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.	2.4	20
34	Beyond Public Health Genomics: Can Big Data and Predictive Analytics Deliver Precision Public Health?. <i>Public Health Genomics</i> , 2018, 21, 244-250.	1.0	26
35	Current Social Media Conversations about Genetics and Genomics in Health: A Twitter-Based Analysis. <i>Public Health Genomics</i> , 2018, 21, 93-99.	1.0	11
36	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.	8.4	40

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37	Evaluating Precision Medicine's Ability to Improve Population Health"Reply. JAMA - Journal of the American Medical Association, 2017, 317, 441.	7.4	2
38	Utilization of genetic tests: analysis of gene-specific billing in Medicare claims data. Genetics in Medicine, 2017, 19, 890-899.	2.4	31
39	The current state of implementation science in genomic medicine: opportunities for improvement. Genetics in Medicine, 2017, 19, 858-863.	2.4	102
40	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
41	No Shortcuts on the Long Road to Evidence-Based Genomic Medicine. JAMA - Journal of the American Medical Association, 2017, 318, 27.	7.4	26
42	Cascade Screening for Familial Hypercholesterolemia and the Use of Genetic Testing. JAMA - Journal of the American Medical Association, 2017, 318, 381.	7.4	138
43	The need for a next-generation public health response to rare diseases. Genetics in Medicine, 2017, 19, 489-490.	2.4	16
44	<i>BRCA</i> 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. MMWR Surveillance Summaries, 2017, 66, 1-11.	34.6	33
45	From genomic medicine to precision medicine: highlights of 2015. Genome Medicine, 2016, 8, 12.	8.2	32
46	Convergence of Implementation Science, Precision Medicine, and the Learning Health Care System. JAMA - Journal of the American Medical Association, 2016, 315, 1941.	7.4	258
47	The Cancer Epidemiology Descriptive Cohort Database: A Tool to Support Population-Based Interdisciplinary Research. Cancer Epidemiology Biomarkers and Prevention, 2016, 25, 1392-1401.	2.5	1
48	Will Precision Medicine Improve Population Health?. JAMA - Journal of the American Medical Association, 2016, 316, 1357.	7.4	157
49	Epidemiology matters: peering inside the "black box" in economic evaluations of genetic testing. Genetics in Medicine, 2016, 18, 963-965.	2.4	0
50	A knowledge base for tracking the impact of genomics on population health. Genetics in Medicine, 2016, 18, 1312-1314.	2.4	17
51	Implementation of the 21-gene recurrence score test in the United States in 2011. Genetics in Medicine, 2016, 18, 982-990.	2.4	6
52	Clinical utility of genetic and genomic services: context matters. Genetics in Medicine, 2016, 18, 672-674.	2.4	15
53	Precision Public Health for the Era of Precision Medicine. American Journal of Preventive Medicine, 2016, 50, 398-401.	3.0	398
54	Genomics in Public Health: Perspective from the Office of Public Health Genomics at the Centers for Disease Control and Prevention (CDC). Healthcare (Switzerland), 2015, 3, 830-837.	2.0	25

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55	A Public Health Perspective on a National Precision Medicine Cohort. JAMA - Journal of the American Medical Association, 2015, 313, 2117.	7.4	82
56	Opportunities for Translational Epidemiology: The Important Role of Observational Studies to Advance Precision Oncology. Cancer Epidemiology Biomarkers and Prevention, 2015, 24, 484-489.	2.5	13
57	An overview of recommendations and translational milestones for genomic tests in cancer. Genetics in Medicine, 2015, 17, 431-440.	2.4	8
58	Evolution of the "Drivers" of Translational Cancer Epidemiology: Analysis of Funded Grants and the Literature. American Journal of Epidemiology, 2015, 181, 451-458.	3.4	8
59	The Authors Reply. American Journal of Epidemiology, 2015, 181, 361-361.	3.4	0
60	Can targeted genetic testing offer useful health information to adoptees?. Genetics in Medicine, 2015, 17, 533-535.	2.4	21
61	Charting a future for epidemiologic training. Annals of Epidemiology, 2015, 25, 458-465.	1.9	280
62	Evidence synthesis and guideline development in genomic medicine: current status and future prospects. Genetics in Medicine, 2015, 17, 63-67.	2.4	16
63	Horizon scanning for translational genomic research beyond bench to bedside. Genetics in Medicine, 2014, 16, 535-538.	2.4	28
64	SEER Cancer Registry Biospecimen Research: Yesterday and Tomorrow. Cancer Epidemiology Biomarkers and Prevention, 2014, 23, 2681-2687.	2.5	39
65	Cancer Screening and Genetics: A Tale of Two Paradigms. Cancer Epidemiology Biomarkers and Prevention, 2014, 23, 909-916.	2.5	8
66	The Cancer Genomics and Epidemiology Navigator: An NCI Online Tool to Enhance Cancer Epidemiology Research. Cancer Epidemiology Biomarkers and Prevention, 2014, 23, 2610-2611.	2.5	1
67	Reducing the burden of disease and death from familial hypercholesterolemia: A call to action. American Heart Journal, 2014, 168, 807-811.	2.7	51
68	Big data meets public health. Science, 2014, 346, 1054-1055.	12.6	298
69	Assessing Value in Biomedical Research. JAMA - Journal of the American Medical Association, 2014, 312, 483.	7.4	82
70	A systematic review of cancer GWAS and candidate gene meta-analyses reveals limited overlap but similar effect sizes. European Journal of Human Genetics, 2014, 22, 402-408.	2.8	54
71	Increasing value and reducing waste in research design, conduct, and analysis. Lancet, The, 2014, 383, 166-175.	13.7	1,186
72	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. Journal of Clinical Epidemiology, 2014, 67, 487-499.	5.0	7

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73	Utility before business. <i>Genetics in Medicine</i> , 2014, 16, 869-870.	2.4	3
74	Translational research is a key to nongeneticist physicians's™ genomics education. <i>Genetics in Medicine</i> , 2014, 16, 871-873.	2.4	30
75	2012 highlights in translational 'omics. <i>Genome Medicine</i> , 2013, 5, 10.	8.2	7
76	Are randomized trials obsolete or more important than ever in the genomic era?. <i>Genome Medicine</i> , 2013, 5, 32.	8.2	26
77	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, 630-638.	2.4	30
78	Transforming Epidemiology for 21st Century Medicine and Public Health. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013, 22, 508-516.	2.5	104
79	“Drivers” of Translational Cancer Epidemiology in the 21st Century: Needs and Opportunities. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013, 22, 181-188.	2.5	43
80	How can polygenic inheritance be used in population screening for common diseases?. <i>Genetics in Medicine</i> , 2013, 15, 437-443.	2.4	45
81	Current status of the implementation of gene expression testing in breast cancer management in the United States.. <i>Journal of Clinical Oncology</i> , 2013, 31, 6562-6562.	1.6	0
82	Frontiers in Cancer Epidemiology: A Challenge to the Research Community from the Epidemiology and Genomics Research Program at the National Cancer Institute: Figure 1.. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2012, 21, 999-1001.	2.5	10
83	Multilevel Research and the Challenges of Implementing Genomic Medicine. <i>Journal of the National Cancer Institute Monographs</i> , 2012, 2012, 112-120.	2.1	43
84	Beyond Base Pairs to Bedside: A Population Perspective on How Genomics Can Improve Health. <i>American Journal of Public Health</i> , 2012, 102, 34-37.	2.7	51
85	A Population Approach to Precision Medicine. <i>American Journal of Preventive Medicine</i> , 2012, 42, 639-645.	3.0	111
86	Knowledge integration at the center of genomic medicine. <i>Genetics in Medicine</i> , 2012, 14, 643-647.	2.4	26
87	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-e55.	3.8	9
88	Improving Validation Practices in “Omics” Research. <i>Science</i> , 2011, 334, 1230-1232.	12.6	215
89	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, 486-493.	3.0	71
90	Genetic epidemiology with a Capital E, ten years after. <i>Genetic Epidemiology</i> , 2011, 35, 845-852.	1.3	22

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91	Public health genomics: The end of the beginning. <i>Genetics in Medicine</i> , 2011, 13, 206-209.	2.4	19
92	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, 2105-2114.	2.5	44
93	Deploying whole genome sequencing in clinical practice and public health: Meeting the challenge one bin at a time. <i>Genetics in Medicine</i> , 2011, 13, 499-504.	2.4	451
94	Is there a need for PGxceptionalism?. <i>Genetics in Medicine</i> , 2011, 13, 866-867.	2.4	13
95	The Emergence of Translational Epidemiology: From Scientific Discovery to Population Health Impact. <i>American Journal of Epidemiology</i> , 2010, 172, 517-524.	3.4	209
96	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.	3.4	4
97	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, 184-188.	3.0	39
98	Evidence Dilemma: The Authors Respond. <i>Health Affairs</i> , 2009, 28, 926-927.	5.2	0
99	The Genomic Applications in Practice and Prevention Network. <i>Genetics in Medicine</i> , 2009, 11, 488-494.	2.4	57
100	Comparative effectiveness research and genomic medicine: An evolving partnership for 21st century medicine. <i>Genetics in Medicine</i> , 2009, 11, 707-711.	2.4	53
101	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, 559-567.	2.4	207
102	A navigator for human genome epidemiology. <i>Nature Genetics</i> , 2008, 40, 124-125.	21.4	365
103	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.	2.6	45
104	Public Health Genomics Approach to Type 2 Diabetes. <i>Diabetes</i> , 2008, 57, 2911-2914.	0.6	22
105	The Evidence Dilemma In Genomic Medicine. <i>Health Affairs</i> , 2008, 27, 1600-1611.	5.2	105
106	Invited Commentary: From Genome-Wide Association Studies to Gene-Environment-Wide Interaction Studies—Challenges and Opportunities. <i>American Journal of Epidemiology</i> , 2008, 169, 227-230.	3.4	133
107	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, 439-445.	1.9	107
108	Will Genomics Widen or Help Heal the Schism Between Medicine and Public Health?. <i>American Journal of Preventive Medicine</i> , 2007, 33, 310-317.	3.0	57

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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, 665-674.	2.4	618
110	Why should genomic medicine become more evidence-based?. <i>Genomic Medicine</i> , 2007, 1, 91-93.	0.3	8
111	From Public Health Emergency to Public Health Service: The Implications of Evolving Criteria for Newborn Screening Panels. <i>Pediatrics</i> , 2006, 117, 923-929.	2.1	112
112	The integration of genomics into paediatric and perinatal epidemiology: guidelines for submitting human genome epidemiology (HuGE) reviews. <i>Paediatric and Perinatal Epidemiology</i> , 2005, 19, 178-180.	1.7	0
113	Do We Need Genomic Research for the Prevention of Common Diseases with Environmental Causes?. <i>American Journal of Epidemiology</i> , 2005, 161, 799-805.	3.4	141
114	The emergence of epidemiology in the genomics age. <i>International Journal of Epidemiology</i> , 2004, 33, 936-944.	1.9	84
115	Commentary: Epidemiology and the Continuum from Genetic Research to Genetic Testing. <i>American Journal of Epidemiology</i> , 2002, 156, 297-299.	3.4	14
116	Guidelines for submitting human genome epidemiology (HuGE) reviews to <i>Teratology</i> . <i>Teratology</i> , 2001, 63, 62-64.	1.6	1
117	Comparative epidemiology of selected midline congenital abnormalities. <i>Genetic Epidemiology</i> , 1994, 11, 141-154.	1.3	32
118	Descriptive epidemiology of small intestinal atresia, Atlanta, Georgia. <i>Teratology</i> , 1993, 48, 441-450.	1.6	60
119	Predicting intrauterine growth retardation in sibships while considering maternal and infant covariates. <i>Genetic Epidemiology</i> , 1989, 6, 525-535.	1.3	5
120	A Proposed Approach for Implementing Genomics-Based Screening Programs for Healthy Adults. <i>NAM Perspectives</i> , 0, , .	2.9	30