

Kristen Hassmiller Lich

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

1,387
citations

394421

19
h-index

434195

31
g-index

94
all docs

94
docs citations

94
times ranked

1741
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrating Systems Science and Community-Based Participatory Research to Achieve Health Equity. <i>American Journal of Public Health</i> , 2016, 106, 215-222.	2.7	108
2	A Call to Address Complexity in Prevention Science Research. <i>Prevention Science</i> , 2013, 14, 279-289.	2.6	105
3	Association of Simulated COVID-19 Vaccination and Nonpharmaceutical Interventions With Infections, Hospitalizations, and Mortality. <i>JAMA Network Open</i> , 2021, 4, e2110782.	5.9	90
4	Geographic and population-level disparities in colorectal cancer testing: A multilevel analysis of Medicaid and commercial claims data. <i>Preventive Medicine</i> , 2017, 101, 44-52.	3.4	86
5	Enhancing Dissemination and Implementation Research Using Systems Science Methods. <i>International Journal of Behavioral Medicine</i> , 2015, 22, 283-291.	1.7	64
6	Regional variation in colorectal cancer testing and geographic availability of care in a publicly insured population. <i>Health and Place</i> , 2014, 29, 114-123.	3.3	39
7	Extending systems thinking in planning and evaluation using group concept mapping and system dynamics to tackle complex problems. <i>Evaluation and Program Planning</i> , 2017, 60, 254-264.	1.6	36
8	System Dynamics Approaches and Collective Action for Community Health: An Integrative Review. <i>American Journal of Community Psychology</i> , 2019, 63, 527-545.	2.5	31
9	Moving alcohol prevention research forward—Part I: introducing a complex systems paradigm. <i>Addiction</i> , 2018, 113, 353-362.	3.3	30
10	The Relationship Between Menthol Cigarette Use, Smoking Cessation, and Relapse: Findings From Waves 1 to 4 of the Population Assessment of Tobacco and Health Study. <i>Nicotine and Tobacco Research</i> , 2021, 23, 966-975.	2.6	30
11	Population-Based Burden of COPD-Related Visits in the ED. <i>Chest</i> , 2013, 144, 784-793.	0.8	26
12	Changes in cigarette smoking initiation, cessation, and relapse among U.S. adults: a comparison of two longitudinal samples. <i>Tobacco Induced Diseases</i> , 2017, 15, 17.	0.6	26
13	Depicting “the system”: How structural racism and disenfranchisement in the United States can cause dynamics in community violence among males in urban black communities. <i>Social Science and Medicine</i> , 2021, 272, 113469.	3.8	25
14	Strategic Planning to Reduce the Burden of Stroke Among Veterans. <i>Stroke</i> , 2014, 45, 2078-2084.	2.0	23
15	Social Ecology of Asthma. <i>Health Education and Behavior</i> , 2014, 41, 63-77.	2.5	23
16	Increasing Access to State Psychiatric Hospital Beds: Exploring Supply-Side Solutions. <i>Psychiatric Services</i> , 2016, 67, 523-528.	2.0	23
17	Consolidated Framework for Collaboration Research derived from a systematic review of theories, models, frameworks and principles for cross-sector collaboration. <i>PLoS ONE</i> , 2021, 16, e0244501.	2.5	23
18	Cardiovascular Genetic Risk Testing for Targeting Statin Therapy in the Primary Prevention of Atherosclerotic Cardiovascular Disease. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2018, 11, e004171.	2.2	22

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19	Strengthening methods for tracking adaptations and modifications to implementation strategies. BMC Medical Research Methodology, 2021, 21, 133.	3.1	22
20	Cost-Effectiveness Analysis of Four Simulated Colorectal Cancer Screening Interventions, North Carolina. Preventing Chronic Disease, 2017, 14, E18.	3.4	21
21	Examining access to care in clinical genomic research and medicine: Experiences from the CSER Consortium. Journal of Clinical and Translational Science, 2021, 5, e193.	0.6	21
22	Moving alcohol prevention research forwardâ€”Part II: new directions grounded in communityâ€¢based system dynamics modeling. Addiction, 2018, 113, 363-371.	3.3	20
23	Using Behavior Over Time Graphs to Spur Systems Thinking Among Public Health Practitioners. Preventing Chronic Disease, 2018, 15, E16.	3.4	20
24	Interactions among poverty, gender, and health systems affect womenâ€™s participation in services to prevent HIV transmission from mother to child: A causal loop analysis. PLoS ONE, 2018, 13, e0197239.	2.5	19
25	Extending analytic methods for economic evaluation in implementation science. Implementation Science, 2022, 17, 27.	6.9	19
26	Estimating the impact of differential adherence on the comparative effectiveness of stool-based colorectal cancer screening using the CRC-AIM microsimulation model. PLoS ONE, 2020, 15, e0244431.	2.5	18
27	Mailed FIT (fecal immunochemical test), navigation or patient reminders? Using microsimulation to inform selection of interventions to increase colorectal cancer screening in Medicaid enrollees. Preventive Medicine, 2019, 129, 105836.	3.4	17
28	Using System Dynamics tools to gain insight into intervention options related to the interaction between tobacco and tuberculosis. Global Health Promotion, 2010, 17, 07-20.	1.3	16
29	Association between medical home enrollment and health care utilization and costs among breast cancer patients in a state Medicaid program. Cancer, 2015, 121, 3975-3981.	4.1	16
30	Mind maps and network analysis to evaluate conceptualization of complex issues: A case example evaluating systems science workshops for childhood obesity prevention. Evaluation and Program Planning, 2018, 68, 135-147.	1.6	15
31	Colorectal cancer screening in newly insured Medicaid members: a review of concurrent federal and state policies. BMC Health Services Research, 2019, 19, 298.	2.2	15
32	Embracing Causal Complexity in Health Disparities: Metabolic Syndemics and Structural Prevention in Rural Minority Communities. Prevention Science, 2018, 19, 1019-1029.	2.6	12
33	Does a transition to accountable care in Medicaid shift the modality of colorectal cancer testing?. BMC Health Services Research, 2019, 19, 54.	2.2	12
34	The Association Between the Supply of Nonpharmacologic Providers, Use of Nonpharmacologic Pain Treatments, and High-risk Opioid Prescription Patterns Among Medicare Beneficiaries With Persistent Musculoskeletal Pain. Medical Care, 2020, 58, 433-444.	2.4	12
35	Systems Thinking in the Context of Road Safety: Can Systems Tools Help us Realize a True â€œSafe Systemsâ€ Approach?. Current Epidemiology Reports, 2020, 7, 343-351.	2.4	12
36	The association between the supply of select nonpharmacologic providers for pain and use of nonpharmacologic pain management services and initial opioid prescribing patterns for Medicare beneficiaries with persistent musculoskeletal pain. Health Services Research, 2021, 56, 275-288.	2.0	12

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37	Novel participatory methods for co-building an agent-based model of physical activity with youth. PLoS ONE, 2020, 15, e0241108.	2.5	12
38	Linked Sensitivity Analysis, Calibration, and Uncertainty Analysis Using a System Dynamics Model for Stroke Comparative Effectiveness Research. Medical Decision Making, 2016, 36, 1043-1057.	2.4	11
39	Utilization of Standard and Target-Specific Oral Anticoagulants Among Adults in the United Kingdom With Incident Atrial Fibrillation. American Journal of Cardiology, 2017, 120, 1820-1829.	1.6	11
40	Development of a Systems Science Curriculum to Engage Rural African American Teens in Understanding and Addressing Childhood Obesity Prevention. Health Education and Behavior, 2018, 45, 423-434.	2.5	11
41	Integrating complex systems science into road safety research and practice, part 1: review of formative concepts. Injury Prevention, 2020, 26, 177-183.	2.4	11
42	A Qualitative, Systems Thinking Approach to Study Self-Management in Women With Migraine. Nursing Research, 2018, 67, 395-403.	1.7	10
43	System Dynamics Applications to Injury and Violence Prevention: a Systematic Review. Current Epidemiology Reports, 2019, 6, 248-262.	2.4	10
44	The potential impact of the Affordable Care Act and Medicaid expansion on reducing colorectal cancer screening disparities in African American males. PLoS ONE, 2020, 15, e0226942.	2.5	10
45	Using systems science to advance health equity in tobacco control: a causal loop diagram of smoking. Tobacco Control, 2023, 32, 287-295.	3.2	10
46	Estimating the Relative Impact of Early-Life Infection Exposure on Later-Life Tuberculosis Outcomes in a Canadian Sample. Research in Human Development, 2011, 8, 26-47.	1.3	9
47	Estimating the impact of insurance expansion on colorectal cancer and related costs in North Carolina: A population-level simulation analysis. Preventive Medicine, 2019, 129, 105847.	3.4	9
48	National and subnational estimates of coverage and travel time to emergency obstetric care in Afghanistan: Modeling of spatial accessibility. Health and Place, 2020, 66, 102452.	3.3	9
49	Reliability, validity and measurement invariance of the Simplified Medication Adherence Questionnaire (SMAQ) among HIV-positive women in Ethiopia: a quasi-experimental study. BMC Public Health, 2020, 20, 567.	2.9	9
50	A scoping review of simulation modeling in built environment and physical activity research: Current status, gaps, and future directions for improving translation. Health and Place, 2019, 57, 122-130.	3.3	8
51	Regional Differences In Coverage Among American Indians And Alaska Natives Before And After The ACA. Health Affairs, 2019, 38, 1542-1549.	5.2	8
52	Opportunities to improve policy dissemination by tailoring communication materials to the research priorities of legislators. Implementation Science Communications, 2022, 3, 24.	2.2	8
53	Health insurance coverage among American Indians and Alaska Natives in the context of the Affordable Care Act. Ethnicity and Health, 2022, 27, 174-189.	2.5	7
54	Key Collaborative Factors When Medicaid Accountable Care Organizations Work With Primary Care Clinics to Improve Colorectal Cancer Screening: Relationships, Data, and Quality Improvement Infrastructure. Preventing Chronic Disease, 2019, 16, E107.	3.4	7

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55	Integrating complex systems science into road safety research and practice, Part 2: applying systems tools to the problem of increasing pedestrian death rates. <i>Injury Prevention</i> , 2020, 26, 424-431.	2.4	7
56	Developing a Multi-Criteria Decision Analysis Tool to Support the Adoption of Evidence-Based Child Maltreatment Prevention Programs. <i>Prevention Science</i> , 2020, 21, 1059-1064.	2.6	6
57	Identifying Patient Strengths Instruments and Examining Their Relevance for Chronic Disease Management: A Systematic Review. <i>Preventing Chronic Disease</i> , 2021, 18, E41.	3.4	6
58	Can vaccine prioritization reduce disparities in COVID-19 burden for historically marginalized populations?. , 2022, 1, .		5
59	Impact of screening and follow-up colonoscopy adenoma sensitivity on colorectal cancer screening outcomes in the CRC- AIM microsimulation model. <i>Cancer Medicine</i> , 2021, 10, 2855-2864.	2.8	4
60	A systems framework depicting how complex neighborhood dynamics and contextual factors could impact the effectiveness of an alcohol outlet zoning policy. <i>American Journal of Community Psychology</i> , 2022, 70, 18-32.	2.5	4
61	Insights from system dynamics applications in addiction research: A scoping review. <i>Drug and Alcohol Dependence</i> , 2022, 231, 109237.	3.2	4
62	A systematic review of the methodological quality of economic evaluations in genetic screening and testing for monogenic disorders. <i>Genetics in Medicine</i> , 2022, 24, 262-288.	2.4	4
63	Emergency department visits attributable to asthma in North Carolina, 2008. <i>North Carolina Medical Journal</i> , 2013, 74, 9-17.	0.2	4
64	Vaccinating children against COVID-19 is crucial to protect schools and communities. , 2022, 1, .		4
65	Cognitive interviews to improve a patient-centered contraceptive effectiveness poster. <i>Contraception</i> , 2018, 98, 528-534.	1.5	3
66	Dynamic Empirically Based Model for Understanding Future Trends in US Obesity Prevalence in the Context of Social Influences. <i>Obesity</i> , 2019, 27, 1671-1681.	3.0	3
67	System Support Mapping: A Novel Systems Thinking Tool Applied to Assess the Needs of Maternal and Child Health Title V Professionals and Their Partners. <i>Journal of Public Health Management and Practice</i> , 2020, 26, E42-E53.	1.4	3
68	Feasibility of Systems Support Mapping to guide patient-driven health self-management in colorectal cancer survivors. <i>Psychology and Health</i> , 2023, 38, 602-622.	2.2	3
69	Congestion Pricing Policies and Safety Implications: a Scoping Review. <i>Journal of Urban Health</i> , 2021, 98, 754-771.	3.6	3
70	Tools for Supporting the MCH Workforce in Addressing Complex Challenges: A Scoping Review of System Dynamics Modeling in Maternal and Child Health. <i>Maternal and Child Health Journal</i> , 2022, 26, 176-203.	1.5	3
71	Enhancing Title V Workforce Capacity to Address Complex Challenges: Impact of the National Maternal and Child Health Workforce Development Center. <i>Maternal and Child Health Journal</i> , 2022, 26, 51-59.	1.5	3
72	The Impact of Relationship Stressors on Trust and Prorelationship Behavior Within Adolescent Romantic Relationships: A Systems Approach. <i>Journal of Adolescent Health</i> , 2021, 68, 558-564.	2.5	2

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73	Simulating congestion pricing policy impacts on pedestrian safety using a system dynamics approach. <i>Accident Analysis and Prevention</i> , 2022, 171, 106662.	5.7	2
74	Developing State Leadership in Maternal and Child Health: Process Evaluation Findings from a Work-Based Learning Model for Leadership Development. <i>Maternal and Child Health Journal</i> , 2022, , 1.	1.5	2
75	Impact of State Psychiatric Hospital Waitlists on Monthly Admissions. <i>Psychiatric Services</i> , 2017, 68, 1201-1204.	2.0	1
76	Plan Selection in the Non-Group Market in the First Year of the Health Insurance Marketplace. <i>North Carolina Medical Journal</i> , 2017, 78, 77-83.	0.2	1
77	A complex systems paradigm can lead to evidence-based policymaking and impactful action in substance misuse prevention—a rejoinder to Purshouse <i>et al</i> . (2018). <i>Addiction</i> , 2018, 113, 1155-1156.	3.3	1
78	The Eleventh Judicial Circuit Criminal Mental Health Project: Improving Access to Mental Health Treatment in Miami-Dade County. <i>Psychiatric Services</i> , 2020, 71, 1091-1094.	2.0	1
79	Reliability, Validity and Measurement Invariance of the WHO's Quality of Life Scale among Women of Reproductive Age Living with HIV in Ethiopia - a Quasi-Experimental Study. <i>Applied Research in Quality of Life</i> , 2021, 16, 1785-1812.	2.4	1
80	Travel time, availability of emergency obstetric care, and perceived quality of care associated with maternal healthcare utilisation in Afghanistan: A multilevel analysis. <i>Global Public Health</i> , 2021, , 1-18.	2.0	1
81	Health Impact Assessment: A Missed Opportunity for MCH Professionals in Their Quest to Address the Social Determinants of Health. <i>Maternal and Child Health Journal</i> , 2022, 26, 88-113.	1.5	1
82	Novel Application of System Support Mapping for Sustainment of Trauma-focused Mental Health Intervention in School-Based Health Centers: A Case Study. <i>Evidence-Based Practice in Child and Adolescent Mental Health</i> , 0, , 1-17.	1.0	1
83	Creating common patients and evaluating individual results: Issues in individual simulation for health policy analysis. , 2014, , .		0
84	Organizational network strengthening effects on antiretroviral therapy initiation and adherence. <i>Translational Behavioral Medicine</i> , 2018, 8, 585-597.	2.4	0
85	Exploring Clusters of Risk and Association With Child Maltreatment in North Carolina Counties. <i>North Carolina Medical Journal</i> , 2021, 82, 229-238.	0.2	0
86	Testing and extending strategies for identifying genetic disease-related encounters in pediatric patients. <i>Genetics in Medicine</i> , 2022, 24, 831-838.	2.4	0
87	106...Congestion pricing policies: trends, insights, and safety impacts. , 2022, , .		0
88	Novel participatory methods for co-building an agent-based model of physical activity with youth. , 2020, 15, e0241108.		0
89	Novel participatory methods for co-building an agent-based model of physical activity with youth. , 2020, 15, e0241108.		0
90	Novel participatory methods for co-building an agent-based model of physical activity with youth. , 2020, 15, e0241108.		0

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91	Novel participatory methods for co-building an agent-based model of physical activity with youth. , 2020, 15, e0241108.		0
92	Insights from the national maternal and Child Health Workforce Development Center on Title V Teamsâ€™ collaborative readiness and goal accomplishment. Maternal and Child Health Journal, 2022, , .	1.5	0