## Rachel A Morello-Frosch

List of Publications by Year in descending order

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141 papers

9,235 citations

51 h-index 91 g-index

150 all docs

150 does citations

150 times ranked

7197 citing authors

#	Article	IF	Citations
1	Dietary predictors of prenatal per- and poly-fluoroalkyl substances exposure. Journal of Exposure Science and Environmental Epidemiology, 2023, 33, 32-39.	3.9	16
2	Historic redlining and the siting of oil and gas wells in the United States. Journal of Exposure Science and Environmental Epidemiology, 2023, 33, 76-83.	3.9	23
3	Joint effects of prenatal exposure to per- and poly-fluoroalkyl substances and psychosocial stressors on corticotropin-releasing hormone during pregnancy. Journal of Exposure Science and Environmental Epidemiology, 2022, 32, 27-36.	3.9	21
4	Hyper-localized measures of air pollution and risk of preterm birth in Oakland and San Jose, California. International Journal of Epidemiology, 2022, 50, 1875-1885.	1.9	10
5	Inequities in Drinking Water Quality Among Domestic Well Communities and Community Water Systems, California, 2011â€'2019. American Journal of Public Health, 2022, 112, 88-97.	2.7	25
6	The Drinking Water Tool: A Community-Driven Data Visualization Tool for Policy Implementation. International Journal of Environmental Research and Public Health, 2022, 19, 1419.	2.6	4
7	Historical Redlining Is Associated with Present-Day Air Pollution Disparities in U.S. Cities. Environmental Science and Technology Letters, 2022, 9, 345-350.	8.7	162
8	Prenatal PFAS and psychosocial stress exposures in relation to fetal growth in two pregnancy cohorts: Applying environmental mixture methods to chemical and non-chemical stressors. Environment International, 2022, 163, 107238.	10.0	17
9	Perspectives of peripartum people on opportunities for personal and collective action to reduce exposure to everyday chemicals: Focus groups to inform exposure report-back. Environmental Research, 2022, 212, 113173.	7.5	4
10	Extreme heat and its association with social disparities in the risk of spontaneous preterm birth. Paediatric and Perinatal Epidemiology, 2022, 36, 13-22.	1.7	18
11	Organophosphate and Organohalogen Flame-Retardant Exposure and Thyroid Hormone Disruption in a Cross-Sectional Study of Female Firefighters and Office Workers from San Francisco. Environmental Science & Technology, 2022, 56, 440-450.	10.0	17
12	Investigating geographic differences in environmental chemical exposures in maternal and cord sera using non-targeted screening and silicone wristbands in California. Journal of Exposure Science and Environmental Epidemiology, 2022, , .	3.9	1
13	Exposure to Contemporary and Emerging Chemicals in Commerce among Pregnant Women in the United States: The Environmental influences on Child Health Outcome (ECHO) Program. Environmental Science & En	10.0	41
14	Associations between social, biologic, and behavioral factors and biomarkers of oxidative stress during pregnancy: Findings from four ECHO cohorts. Science of the Total Environment, 2022, 835, 155596.	8.0	11
15	Ambient temperature and risk of urinary tract infection in California: A time-stratified case-crossover study using electronic health records. Environment International, 2022, 165, 107303.	10.0	9
16	Applying the hierarchy of controls to oil and gas development. Environmental Research Letters, 2022, 17, 071003.	5.2	5
17	High-resolution gridded estimates of population sociodemographics from the 2020 census in California. PLoS ONE, 2022, 17, e0270746.	2.5	6
18	Redlines and Greenspace: The Relationship between Historical Redlining and 2010 Greenspace across the United States. Environmental Health Perspectives, 2021, 129, 17006.	6.0	165

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19	Associations of Maternal Stress, Prenatal Exposure to Per- and Polyfluoroalkyl Substances (PFAS), and Demographic Risk Factors with Birth Outcomes and Offspring Neurodevelopment: An Overview of the ECHO.CA.IL Prospective Birth Cohorts. International Journal of Environmental Research and Public Health, 2021, 18, 742.	2.6	28
20	Environmental hazards, social inequality, and fetal loss: Implications of live-birth bias for estimation of disparities in birth outcomes. Environmental Epidemiology, 2021, 5, e131.	3.0	14
21	Suspect Screening, Prioritization, and Confirmation of Environmental Chemicals in Maternal-Newborn Pairs from San Francisco. Environmental Science & Environmental Science, 2021, 55, 5037-5049.	10.0	56
22	Air pollution, methane super-emitters, and oil and gas wells in Northern California: the relationship with migraine headache prevalence and exacerbation. Environmental Health, 2021, 20, 45.	4.0	10
23	Gaussian graphical modeling of the serum exposome and metabolome reveals interactions between environmental chemicals and endogenous metabolites. Scientific Reports, 2021, 11, 7607.	3.3	12
24	Drinking water contaminants in California and hypertensive disorders in pregnancy. Environmental Epidemiology, 2021, 5, e149.	3.0	14
25	Sociodemographic Inequalities in Urinary Tract Infection in 2 Large California Health Systems. Open Forum Infectious Diseases, 2021, 8, ofab276.	0.9	9
26	Mixture effects of prenatal exposure to per- and polyfluoroalkyl substances and polybrominated diphenyl ethers on maternal and newborn telomere length. Environmental Health, 2021, 20, 76.	4.0	15
27	A Comprehensive Non-targeted Analysis Study of the Prenatal Exposome. Environmental Science & Emp; Technology, 2021, 55, 10542-10557.	10.0	31
28	Associations between polyfluoroalkyl substance and organophosphate flame retardant exposures and telomere length in a cohort of women firefighters and office workers in San Francisco. Environmental Health, 2021, 20, 97.	4.0	16
29	Large-Scale Implementation and Flaw Investigation of Human Serum Suspect Screening Analysis for Industrial Chemicals. Journal of the American Society for Mass Spectrometry, 2021, 32, 2425-2435.	2.8	5
30	A Warning About Using Predicted Values From Regression Models for Epidemiologic Inquiry. American Journal of Epidemiology, 2021, 190, 1142-1147.	3.4	11
31	Maternal Experience of Multiple Hardships and Fetal Growth. Epidemiology, 2021, 32, 18-26.	2.7	8
32	Residential proximity to hydraulically fractured oil and gas wells and adverse birth outcomes in urban and rural communities in California (2006–2015). Environmental Epidemiology, 2021, 5, e172.	3.0	16
33	Climate Justice and California's Methane Superemitters: Environmental Equity Assessment of Community Proximity and Exposure Intensity. Environmental Science & Environmental Science & 2021, 55, 14746-14757.	10.0	10
34	Hyperlocalized Measures of Air Pollution and Preeclampsia in Oakland, California. Environmental Science & Environmental Scienc	10.0	15
35	A review of maternal prenatal exposures to environmental chemicals and psychosocial stressors—implications for research on perinatal outcomes in the ECHO program. Journal of Perinatology, 2020, 40, 10-24.	2.0	46
36	A Pilot Biomonitoring Study of Cumulative Phthalates Exposure among Vietnamese American Nail Salon Workers. International Journal of Environmental Research and Public Health, 2020, 17, 325.	2.6	13

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37	Associations between historical redlining and birth outcomes from 2006 through 2015 in California. PLoS ONE, 2020, 15, e0237241.	2.5	92
38	Associations between prenatal maternal exposure to per- and polyfluoroalkyl substances (PFAS) and polybrominated diphenyl ethers (PBDEs) and birth outcomes among pregnant women in San Francisco. Environmental Health, 2020, 19, 100.	4.0	48
39	An equity analysis of clean vehicle rebate programs in California. Climatic Change, 2020, 162, 2087-2105.	3.6	10
40	Petro-riskscapes and environmental distress in West Texas: Community perceptions of environmental degradation, threats, and loss. Energy Research and Social Science, 2020, 70, 101798.	6.4	17
41	Relationships between psychosocial stressors among pregnant women in San Francisco: A path analysis. PLoS ONE, 2020, 15, e0234579.	2.5	22
42	Residential Proximity to Oil and Gas Development and Birth Outcomes in California: A Retrospective Cohort Study of 2006–2015 Births. Environmental Health Perspectives, 2020, 128, 67001.	6.0	49
43	Exposure to Perfluoroalkyl Substances in a Cohort of Women Firefighters and Office Workers in San Francisco. Environmental Science & Environmental Sci	10.0	54
44	Integrating Exposure Knowledge and Serum Suspect Screening as a New Approach to Biomonitoring: An Application in Firefighters and Office Workers. Environmental Science & Envi	10.0	27
45	Associations between historical residential redlining and current age-adjusted rates of emergency department visits due to asthma across eight cities in California: an ecological study. Lancet Planetary Health, The, 2020, 4, e24-e31.	11.4	208
46	Sea level rise and coastal flooding threaten affordable housing. Environmental Research Letters, 2020, 15, 124020.	5.2	29
47	The association of maternal psychosocial stress with newborn telomere length. PLoS ONE, 2020, 15, e0242064.	2.5	14
48	Associations between historical redlining and birth outcomes from 2006 through 2015 in California., 2020, 15, e0237241.		0
49	Associations between historical redlining and birth outcomes from 2006 through 2015 in California. , 2020, 15, e0237241.		O
50	Associations between historical redlining and birth outcomes from 2006 through 2015 in California., 2020, 15, e0237241.		0
51	Unconventional natural gas development and adverse birth outcomes in Pennsylvania: The potential mediating role of antenatal anxiety and depression. Environmental Research, 2019, 177, 108598.	<b>7.</b> 5	27
52	Towards a People's Social Epidemiology: Envisioning a More Inclusive and Equitable Future for Social Epi Research and Practice in the 21st Century. International Journal of Environmental Research and Public Health, 2019, 16, 3983.	2.6	14
53	The body language of place: A new method for mapping intergenerational "geographies of embodiment―in place-health research. Social Science and Medicine, 2019, 223, 51-63.	3.8	9
54	Returning Chemical Exposure Results to Individuals and Communities. , 2019, , 135-163.		4

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55	Cumulative Risk and Impact Modeling on Environmental Chemical and Social Stressors. Current Environmental Health Reports, 2018, 5, 88-99.	6.7	26
56	Dietary sources of cumulative phthalates exposure among the U.S. general population in NHANES 2005–2014. Environment International, 2018, 115, 417-429.	10.0	68
57	Assessing health risks from multiple environmental stressors: Moving from G × E to I × E. Mutation Research - Reviews in Mutation Research, 2018, 775, 11-20.	5.5	22
58	Research altruism as motivation for participation in community-centered environmental health research. Social Science and Medicine, 2018, 196, 175-181.	3.8	47
59	A Suspect Screening Method for Characterizing Multiple Chemical Exposures among a Demographically Diverse Population of Pregnant Women in San Francisco. Environmental Health Perspectives, 2018, 126, 077009.	6.0	52
60	Retirements of Coal and Oil Power Plants in California: Association With Reduced Preterm Birth Among Populations Nearby. American Journal of Epidemiology, 2018, 187, 1586-1594.	3.4	74
61	Carbon trading, co-pollutants, and environmental equity: Evidence from California's cap-and-trade program (2011–2015). PLoS Medicine, 2018, 15, e1002604.	8.4	69
62	Reporting to parents on children's exposures to asthma triggers in low-income and public housing, an interview-based case study of ethics, environmental literacy, individual action, and public health benefits. Environmental Health, 2018, 17, 48.	4.0	25
63	Increase in fertility following coal and oil power plant retirements in California. Environmental Health, 2018, 17, 44.	4.0	13
64	Researcher and institutional review board perspectives on the benefits and challenges of reporting back biomonitoring and environmental exposure results. Environmental Research, 2017, 153, 140-149.	7.5	30
65	Race, Ethnicity, Income Concentration and 10-Year Change in Urban Greenness in the United States. International Journal of Environmental Research and Public Health, 2017, 14, 1546.	2.6	93
66	DERBI: A Digital Method to Help Researchers Offer "Right-to-Know―Personal Exposure Results. Environmental Health Perspectives, 2017, 125, A27-A33.	6.0	28
67	Race/Ethnicity, Socioeconomic Status, Residential Segregation, and Spatial Variation in Noise Exposure in the Contiguous United States. Environmental Health Perspectives, 2017, 125, 077017.	6.0	148
68	Cumulative effects of prenatal-exposure to exogenous chemicals and psychosocial stress on fetal growth: Systematic-review of the human and animal evidence. PLoS ONE, 2017, 12, e0176331.	2.5	53
69	Cumulative Environmental Impacts: Science and Policy to Protect Communities. Annual Review of Public Health, 2016, 37, 83-96.	17.4	85
70	Environmental Chemicals in an Urban Population of Pregnant Women and Their Newborns from San Francisco. Environmental Science & Environmental Science	10.0	72
71	Income Inequality and US Childrenâ∈™s Secondhand Smoke Exposure: Distinct Associations by Raceâ∈"Ethnicity. Nicotine and Tobacco Research, 2016, 19, ntw293.	2.6	12
72	Surveying for Environmental Health Justice: Community Organizing Applications of Community-Based Participatory Research. Environmental Justice, 2016, 9, 129-136.	1.5	16

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<b>7</b> 3	Scientific contestations over "toxic trespass†health and regulatory implications of chemical biomonitoring. Journal of Environmental Studies and Sciences, 2016, 6, 556-568.	2.0	6
74	Chapter 8. Bending the Curve and Closing the Gap: Climate Justice and Public Health. Collabra, 2016, 2, .	1.3	13
75	Firefighters and Flame Retardant Activism. New Solutions, 2015, 24, 511-534.	1.2	8
76	The Haves, the Have-Nots, and the Health of Everyone: The Relationship Between Social Inequality and Environmental Quality. Annual Review of Public Health, 2015, 36, 193-209.	17.4	181
77	Semivolatile Organic Compounds in Homes: Strategies for Efficient and Systematic Exposure Measurement Based on Empirical and Theoretical Factors. Environmental Science & Empirical and Theoretical Factors. Environmental Science & Empirical Amplitudes (2015, 49, 113-122.	10.0	65
78	Communicating results in post-Belmont era biomonitoring studies: Lessons from genetics and neuroimaging research. Environmental Research, 2015, 136, 363-372.	7.5	30
79	Integrating Public Health And Community Development To Tackle Neighborhood Distress And Promote Well-Being. Health Affairs, 2014, 33, 1890-1896.	5.2	40
80	The Truth, the Whole Truth, and Nothing but the Ground-Truth. Health Education and Behavior, 2014, 41, 281-290.	2.5	49
81	Reporting individual results for biomonitoring and environmental exposures: lessons learned from environmental communication case studies. Environmental Health, 2014, 13, 40.	4.0	68
82	Cumulative Prenatal-Exposure to Exogenous Chemicals and Psychosocial Stress: Systematic Review of the Human and Non-Human Mammalian Evidence ISEE Conference Abstracts, 2014, 2014, 1776.	0.0	0
83	Allostatic load amplifies the effect of blood lead levels on elevated blood pressure among middle-aged U.S. adults: a cross-sectional study. Environmental Health, 2013, 12, 64.	4.0	35
84	The Three Rs: How Community-Based Participatory Research Strengthens the Rigor, Relevance, and Reach of Science. Environmental Justice, 2013, 6, 9-16.	1.5	260
85	The Racial/Ethnic Distribution of Heat Risk–Related Land Cover in Relation to Residential Segregation. Environmental Health Perspectives, 2013, 121, 811-817.	6.0	180
86	Maternal Exposure to Particulate Air Pollution and Term Birth Weight: A Multi-Country Evaluation of Effect and Heterogeneity. Environmental Health Perspectives, 2013, 121, 267-373.	6.0	339
87	Measuring the Success of Community Science: The Northern California Household Exposure Study. Environmental Health Perspectives, 2012, 120, 326-331.	6.0	65
88	Birth Weight following Pregnancy during the 2003 Southern California Wildfires. Environmental Health Perspectives, 2012, 120, 1340-1345.	6.0	154
89	Our Environment, Our Health. Health Education and Behavior, 2012, 39, 198-209.	2.5	43
90	Reflexive Research Ethics for Environmental Health and Justice: Academics and Movement Building. Social Movement Studies, 2012, 11, 161-176.	2.9	42

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91	Inequalities in cumulative environmental burdens among three urbanized counties in California. Environment International, 2012, 40, 79-87.	10.0	48
92	Environmental justice implications of arsenic contamination in California's San Joaquin Valley: a cross-sectional, cluster-design examining exposure and compliance in community drinking water systems. Environmental Health, 2012, 11, 84.	4.0	88
93	Litigating Toxic Risks Ahead of Regulation: Biomonitoring Science in the Courtroom. Stanford Environmental Law Journal, 2012, 31, 3.	1.0	2
94	Identifying Vulnerable Populations through an Examination of the Association Between Multipollutant Profiles and Poverty. Environmental Science & Environmental Science & 2011, 45, 7754-7760.	10.0	44
95	Playing It Safe: Assessing Cumulative Impact and Social Vulnerability through an Environmental Justice Screening Method in the South Coast Air Basin, California. International Journal of Environmental Research and Public Health, 2011, 8, 1441-1459.	2.6	111
96	Community Voice, Vision, and Resilience in Post-Hurricane Katrina Recovery. Environmental Justice, 2011, 4, 71-80.	1.5	15
97	The climate gap: environmental health and equity implications of climate change and mitigation policies in California—a review of the literature. Climatic Change, 2011, 109, 485-503.	3.6	91
98	Disentangling the Exposure Experience. Journal of Health and Social Behavior, 2011, 52, 180-196.	4.8	88
99	Understanding The Cumulative Impacts Of Inequalities In Environmental Health: Implications For Policy. Health Affairs, 2011, 30, 879-887.	<b>5.</b> 2	299
100	Social Disparities in Nitrate-Contaminated Drinking Water in California's San Joaquin Valley. Environmental Health Perspectives, 2011, 119, 1272-1278.	6.0	117
101	The International Collaboration on Air Pollution and Pregnancy Outcomes: Initial Results. Environmental Health Perspectives, 2011, 119, 1023-1028.	6.0	50
102	Health Social Movements: Advancing Traditional Medical Sociology Concepts. Handbooks of Sociology and Social Research, 2011, , 117-137.	0.1	8
103	Experts, Ethics, and Environmental Justice:. , 2011, , 93-118.		6
104	Ambient air pollution exposure and full-term birth weight in California. Environmental Health, 2010, 9, 44.	4.0	148
105	Institutional review board challenges related to community-based participatory research on human exposure to environmental toxins: A case study. Environmental Health, 2010, 9, 39.	4.0	61
106	Labor-Environmental Coalition Formation: Framing and the Right to Know1. Sociological Forum, 2010, 25, 746-768.	1.0	30
107	Semivolatile Endocrine-Disrupting Compounds in Paired Indoor and Outdoor Air in Two Northern California Communities. Environmental Science & Environme	10.0	178
108	Are PBDEs an environmental equity concern? Exposure disparities by socioeconomic status. Environmental Science & Environmental E	10.0	51

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109	Linking Exposure Assessment Science With Policy Objectives for Environmental Justice and Breast Cancer Advocacy: The Northern California Household Exposure Study. American Journal of Public Health, 2009, 99, S600-S609.	2.7	80
110	Reporting Individual Results for Environmental Chemicals in Breastmilk in a Context That Supports Breastfeeding. Breastfeeding Medicine, 2009, 4, 121-121.	1.7	6
111	Minding the Climate Gap: Environmental Health and Equity Implications of Climate Change Mitigation Policies in California. Environmental Justice, 2009, 2, 173-177.	1.5	30
112	End Double Jeopardy. Scientific American, 2009, 19, 18-18.	1.0	0
113	An Index for Assessing Demographic Inequalities in Cumulative Environmental Hazards with Application to Los Angeles, California. Environmental Science & Environmental Science & 2009, 43, 7626-7634.	10.0	113
114	Response to Comment on "Elevated House Dust and Serum Concentrations of PBDEs in California: Unintended Consequences of Furniture Flammability Standards?― Environmental Science & Camp; Technology, 2009, 43, 2661-2662.	10.0	4
115	Toxic ignorance and right-to-know in biomonitoring results communication: a survey of scientists and study participants. Environmental Health, 2009, 8, 6.	4.0	99
116	Elevated House Dust and Serum Concentrations of PBDEs in California: Unintended Consequences of Furniture Flammability Standards?. Environmental Science & Environmental Scien	10.0	206
117	Pollution Comes Home and Gets Personal: Women's Experience of Household Chemical Exposure. Journal of Health and Social Behavior, 2008, 49, 417-435.	4.8	100
118	School Custodians and Green Cleaners. Organization and Environment, 2007, 20, 304-324.	4.3	14
119	Improving Disclosure and Consent. American Journal of Public Health, 2007, 97, 1547-1554.	2.7	109
120	Vulnerability as a Function of Individual and Group Resources in Cumulative Risk Assessment. Environmental Health Perspectives, 2007, 115, 817-824.	6.0	116
121	The riskscape and the color line: Examining the role of segregation in environmental health disparities. Environmental Research, 2006, 102, 181-196.	7.5	225
122	Inadequate Prenatal Care and Elevated Blood Lead Levels among Children Born in Providence, Rhode Island: A Population-Based Study. Public Health Reports, 2006, 121, 729-736.	2.5	3
123	Breathless: Schools, Air Toxics, and Environmental Justice in California. Policy Studies Journal, 2006, 34, 337-362.	5.1	72
124	Separate and Unequal: Residential Segregation and Estimated Cancer Risks Associated with Ambient Air Toxics in U.S. Metropolitan Areas. Environmental Health Perspectives, 2006, 114, 386-393.	6.0	337
125	The Environmental "Riskscape―and Social Inequality: Implicationsfor Explaining Maternal and Child Health Disparities. Environmental Health Perspectives, 2006, 114, 1150-1153.	6.0	313
126	"A Lab of Our Own― Science Technology and Human Values, 2006, 31, 499-536.	3.1	84

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127	The Air Is Always Cleaner on the Other Side: Race, Space, and Ambient Air Toxics Exposures in California. Journal of Urban Affairs, 2005, 27, 127-148.	1.7	172
128	Reading, Writing, and Toxics: Children's Health, Academic Performance, and Environmental Justice in Los Angeles. Environment and Planning C: Urban Analytics and City Science, 2004, 22, 271-290.	1.5	71
129	Embodied health movements: new approaches to social movements in health. Sociology of Health and Illness, 2004, 26, 50-80.	2.1	459
130	Waiting to Inhale: The Demographics of Toxic Air Release Facilities in 21st-Century California*. Social Science Quarterly, 2004, 85, 420-440.	1.6	99
131	Discrimination and the Political Economy of Environmental Inequality. Environment and Planning C: Urban Analytics and City Science, 2002, 20, 477-496.	1.5	83
132	Integrating Environmental Justice and the Precautionary Principle in Research and Policy Making: The Case of Ambient Air Toxics Exposures and Health Risks among Schoolchildren in Los Angeles. Annals of the American Academy of Political and Social Science, 2002, 584, 47-68.	1.6	56
133	Environmental justice and regional inequality in southern California: implications for future research Environmental Health Perspectives, 2002, 110, 149-154.	6.0	237
134	Who's Minding the Kids? Pollucion, Public Schools, and Environmental Justice in Los Angeles. Social Science Quarterly, 2002, 83, 263-280.	1.6	98
135	Environmental Justice and Southern California's "Riskscape― Urban Affairs Review, 2001, 36, 551-578.	1.9	295
136	Air Toxics and Health Risks in California: The Public Health Implications of Outdoor Concentrations. Risk Analysis, 2000, 20, 273-292.	2.7	118
137	Air Toxic Concentrations: Response. Environmental Health Perspectives, 1999, 107, A547.	6.0	0
138	Assessment of estimated 1990 air toxics concentrations in urban areas in the United States. Environmental Science and Policy, 1999, 2, 397-411.	4.9	5
139	Application of Health Information To Hazardous Air Pollutants Modeled in Epa's Cumulative Exposure Project. Toxicology and Industrial Health, 1998, 14, 429-454.	1.4	108
140	The Politics of Reproductive Hazards in the Workplace: Class, Gender, and the History of Occupational Lead Exposure. International Journal of Health Services, 1997, 27, 501-521.	2.5	5
141	EMBODIED HEALTH MOVEMENTS AND CHALLENGES TO THE DOMINANT EPIDEMIOLOGICAL PARADIGM. Research in Social Movements, Conflicts and Change, 0, , 253-278.	0.3	10