

Rufus D Edwards

List of Publications by Year in descending order

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60
papers

3,950
citations

109137

35
h-index

133063

59
g-index

60
all docs

60
docs citations

60
times ranked

3511
citing authors

#	ARTICLE	IF	CITATIONS
1	Emissions Measurements from Household Solid Fuel Use in Haryana, India: Implications for Climate and Health Co-benefits. <i>Environmental Science & Technology</i> , 2021, 55, 3201-3209.	4.6	8
2	In-Home Emissions Performance of Cookstoves in Asia and Africa. <i>Atmosphere</i> , 2019, 10, 290.	1.0	25
3	Impacts of household sources on air pollution at village and regional scales in India. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 7719-7742.	1.9	30
4	Emission Measurements from Traditional Biomass Cookstoves in South Asia and Tibet. <i>Environmental Science & Technology</i> , 2019, 53, 3306-3314.	4.6	47
5	Field Emission Measurements of Solid Fuel Stoves in Yunnan, China Demonstrate Dominant Causes of Uncertainty in Household Emission Inventories. <i>Environmental Science & Technology</i> , 2019, 53, 3323-3330.	4.6	30
6	Understanding Household Energy Transitions: From Evaluating Single Cookstoves to “Clean Stacking” Alternatives. <i>Atmosphere</i> , 2019, 10, 693.	1.0	15
7	Molecular composition of particulate matter emissions from dung and brushwood burning household cookstoves in Haryana, India. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 2461-2480.	1.9	69
8	Emissions from village cookstoves in Haryana, India, and their potential impacts on air quality. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 15169-15182.	1.9	33
9	Fugitive Emissions and Health Implications of Plancha-Type Stoves. <i>Environmental Science & Technology</i> , 2018, 52, 10848-10855.	4.6	34
10	Comparative performance of five Mexican plancha-type cookstoves using water boiling tests. <i>Development Engineering</i> , 2017, 2, 20-28.	1.4	25
11	Modeling emission rates and exposures from outdoor cooking. <i>Atmospheric Environment</i> , 2017, 164, 50-60.	1.9	13
12	Small, Smart, Fast, and Cheap: Microchip-Based Sensors to Estimate Air Pollution Exposures in Rural Households. <i>Sensors</i> , 2017, 17, 1879.	2.1	35
13	Health assessment of future PM2.5 exposures from indoor, outdoor, and secondhand tobacco smoke concentrations under alternative policy pathways in Ulaanbaatar, Mongolia. <i>PLoS ONE</i> , 2017, 12, e0186834.	1.1	31
14	The cost of convenience; Air pollution and noise on freeway and arterial light rail station platforms in Los Angeles. <i>Transportation Research, Part D: Transport and Environment</i> , 2016, 49, 127-137.	3.2	8
15	Probe-based measurements of moisture in dung fuel for emissions measurements. <i>Energy for Sustainable Development</i> , 2016, 35, 1-6.	2.0	14
16	Investigation of roadside fine particulate matter concentration surrounding major arterials in five Southern Californian cities. <i>Journal of the Air and Waste Management Association</i> , 2013, 63, 482-498.	0.9	5
17	Promoting Smoke-Free Homes: A Novel Behavioral Intervention Using Real-Time Audio-Visual Feedback on Airborne Particle Levels. <i>PLoS ONE</i> , 2013, 8, e73251.	1.1	52
18	Global burden of disease as a result of indoor air pollution in Shaanxi, Hubei and Zhejiang, China. <i>Science of the Total Environment</i> , 2011, 409, 1391-1398.	3.9	21

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19	Fine particulate concentrations on sidewalks in five Southern California cities. <i>Atmospheric Environment</i> , 2011, 45, 4025-4033.	1.9	32
20	Adoption and use of improved biomass stoves in Rural Mexico. <i>Energy for Sustainable Development</i> , 2011, 15, 176-183.	2.0	101
21	Improved stove programs need robust methods to estimate carbon offsets. <i>Climatic Change</i> , 2010, 102, 641-649.	1.7	29
22	Beyond fuelwood savings: Valuing the economic benefits of introducing improved biomass cookstoves in the Pur��pecha region of Mexico. <i>Ecological Economics</i> , 2010, 69, 2598-2605.	2.9	108
23	Indoor particle size distributions in homes with open fires and improved Patsari cook stoves��. <i>Atmospheric Environment</i> , 2010, 44, 2881-2886.	1.9	58
24	Personal child and mother carbon monoxide exposures and kitchen levels: Methods and results from a randomized trial of woodfired chimney cookstoves in Guatemala (RESPIRE). <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2010, 20, 406-416.	1.8	126
25	New Approaches to Performance Testing of Improved Cookstoves. <i>Environmental Science & Technology</i> , 2010, 44, 368-374.	4.6	78
26	Spatial analysis of bioavailable soil lead concentrations in Los Angeles, California. <i>Environmental Research</i> , 2010, 110, 309-317.	3.7	50
27	An Ultrasound Personal Locator for Time-Activity Assessment. <i>International Journal of Occupational and Environmental Health</i> , 2009, 15, 122-132.	1.2	11
28	Subgroups exposed to systematically different elemental compositions of PM2.5. <i>Atmospheric Environment</i> , 2009, 43, 3571-3578.	1.9	7
29	Potential for Atmospheric-Driven Lead Paint Degradation in the South Coast Air Basin of California. <i>Environmental Science & Technology</i> , 2009, 43, 8881-8887.	4.6	6
30	Nitrogen Dioxide and Ozone As Factors in the Availability of Lead from Lead-Based Paints. <i>Environmental Science & Technology</i> , 2009, 43, 8516-8521.	4.6	10
31	Quantification of Carbon Savings from Improved Biomass Cookstove Projects. <i>Environmental Science & Technology</i> , 2009, 43, 2456-2462.	4.6	85
32	Energy performance of wood-burning cookstoves in Michoacan, Mexico. <i>Renewable Energy</i> , 2008, 33, 859-870.	4.3	159
33	Reduction in personal exposures to particulate matter and carbon monoxide as a result of the installation of a Patsari improved cook stove in Michoacan Mexico. <i>Indoor Air</i> , 2008, 18, 93-105.	2.0	112
34	In-field greenhouse gas emissions from cookstoves in rural Mexican households. <i>Atmospheric Environment</i> , 2008, 42, 1206-1222.	1.9	173
35	An inexpensive light-scattering particle monitor: field validation. <i>Journal of Environmental Monitoring</i> , 2007, 9, 1099.	2.1	59
36	Monitoring and evaluation of improved biomass cookstove programs for indoor air quality and stove performance: conclusions from the Household Energy and Health Project. <i>Energy for Sustainable Development</i> , 2007, 11, 5-18.	2.0	130

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37	Impact of improved biomass cookstoves on indoor air quality near Pune, India. <i>Energy for Sustainable Development</i> , 2007, 11, 19-32.	2.0	91
38	Impact of improved cookstoves on indoor air quality in the Bundelkhand region in India. <i>Energy for Sustainable Development</i> , 2007, 11, 33-44.	2.0	82
39	Impact of Patsari improved cookstoves on indoor air quality in Michoacán, Mexico. <i>Energy for Sustainable Development</i> , 2007, 11, 45-56.	2.0	116
40	Performance testing for monitoring improved biomass stove interventions: experiences of the Household Energy and Health Project. <i>Energy for Sustainable Development</i> , 2007, 11, 57-70.	2.0	124
41	Design considerations for field studies of changes in indoor air pollution due to improved stoves. <i>Energy for Sustainable Development</i> , 2007, 11, 71-81.	2.0	38
42	Indoor time-activity patterns in seven regions of Europe. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2007, 17, 170-181.	1.8	364
43	The impact of improved wood-burning stoves on fine particulate matter concentrations in rural Mexican homes. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2007, 17, 224-232.	1.8	87
44	Household CO and PM measured as part of a review of China's National Improved Stove Program. <i>Indoor Air</i> , 2007, 17, 189-203.	2.0	101
45	An Inexpensive Dual-Chamber Particle Monitor: Laboratory Characterization. <i>Journal of the Air and Waste Management Association</i> , 2006, 56, 789-799.	0.9	52
46	Letter to the Editor. <i>Indoor Air</i> , 2006, 16, 81-81.	2.0	0
47	Time-activity relationships to VOC personal exposure factors. <i>Atmospheric Environment</i> , 2006, 40, 5685-5700.	1.9	38
48	Personal exposures to VOC in the upper end of the distribution relationships to indoor, outdoor and workplace concentrations. <i>Atmospheric Environment</i> , 2005, 39, 2299-2307.	1.9	47
49	Application of Real-time Particle Sensors to Help Mitigate Exposures of Wildland Firefighters. <i>Archives of Environmental and Occupational Health</i> , 2005, 60, 40-43.	0.7	20
50	An assessment of programs to promote improved household stoves in China. <i>Energy for Sustainable Development</i> , 2004, 8, 33-52.	2.0	181
51	Implications of changes in household stoves and fuel use in China. <i>Energy Policy</i> , 2004, 32, 395-411.	4.2	134
52	Combined Optical and Ionization Measurement Techniques for Inexpensive Characterization of Micrometer and Submicrometer Aerosols. <i>Aerosol Science and Technology</i> , 2004, 38, 1054-1062.	1.5	36
53	Models to predict emissions of health-damaging pollutants and global warming contributions of residential fuel/stove combinations in China. <i>Chemosphere</i> , 2003, 50, 201-215.	4.2	41
54	Residential Indoor, Outdoor, and Workplace Concentrations of Carbonyl Compounds: Relationships with Personal Exposure Concentrations and Correlation with Sources. <i>Journal of the Air and Waste Management Association</i> , 2003, 53, 560-573.	0.9	36

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55	Evaluation of VOC measurements in the EXPOLIS study. <i>Journal of Environmental Monitoring</i> , 2001, 3, 159-165.	2.1	40
56	Behavioral and environmental determinants of personal exposures to PM2.5 in EXPOLIS " Helsinki, Finland. <i>Atmospheric Environment</i> , 2001, 35, 2473-2481.	1.9	83
57	VOC concentrations measured in personal samples and residential indoor, outdoor and workplace microenvironments in EXPOLIS-Helsinki, Finland. <i>Atmospheric Environment</i> , 2001, 35, 4531-4543.	1.9	172
58	VOC source identification from personal and residential indoor, outdoor and workplace microenvironment samples in EXPOLIS-Helsinki, Finland. <i>Atmospheric Environment</i> , 2001, 35, 4829-4841.	1.9	169
59	Influence of Sebum and Stratum Corneum Hydration on Pesticide/Herbicide Collection Efficiencies of the Human Hand. <i>Journal of Occupational and Environmental Hygiene</i> , 2001, 16, 791-797.	0.5	13
60	Seasonal deposition of housedusts onto household surfaces. <i>Science of the Total Environment</i> , 1998, 224, 69-80.	3.9	56