## Robert A Field

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7289771/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Global warming consequences of replacing natural gas with hydrogen in the domestic energy sectors of future low-carbon economies in the United Kingdom and the United States of America. International Journal of Hydrogen Energy, 2021, 46, 30190-30203.	7.1	59
2	Off-Site Flux Estimates of Volatile Organic Compounds from Oil and Gas Production Facilities Using Fast-Response Instrumentation. Environmental Science & Technology, 2020, 54, 1385-1394.	10.0	12
3	New Mexico Permian Basin Measured Well Pad Methane Emissions Are a Factor of 5–9 Times Higher Than U.S. EPA Estimates. Environmental Science & Technology, 2020, 54, 13926-13934.	10.0	48
4	Constraining the accuracy of flux estimates using OTMÂ33A. Atmospheric Measurement Techniques, 2020, 13, 341-353.	3.1	33
5	Origins and trends in ethane and propane in the United Kingdom from 1993 to 2012. Atmospheric Environment, 2017, 156, 15-23.	4.1	12
6	Variation in Methane Emission Rates from Well Pads in Four Oil and Gas Basins with Contrasting Production Volumes and Compositions. Environmental Science & Technology, 2017, 51, 8832-8840.	10.0	94
7	Comparison of methane emission estimates from multiple measurement techniques at natural gas production pads. Elementa, 2017, 5, .	3.2	49
8	Validation and modelling of a novel diffusive sampler for determining concentrations of volatile organic compounds in air. Analytica Chimica Acta, 2016, 908, 102-112.	5.4	9
9	Influence of oil and gas field operations on spatial and temporal distributions of atmospheric non-methane hydrocarbons and their effect on ozone formation in winter. Atmospheric Chemistry and Physics, 2015, 15, 3527-3542.	4.9	52
10	Barrier Wind Formation in the Upper Green River Basin of Sublette County, Wyoming, and Its Relationship to Elevated Ozone Distributions in Winter. Journal of Applied Meteorology and Climatology, 2015, 54, 2427-2442.	1.5	2
11	PTR-QMS versus PTR-TOF comparison in a region with oil and natural gas extraction industry in the Uintah Basin in 2013. Atmospheric Measurement Techniques, 2015, 8, 411-420.	3.1	29
12	Distributions of air pollutants associated with oil and natural gas development measured in the Upper Green River Basin of Wyoming. Elementa, 2015, 3, .	3.2	7
13	Measurements of hydrogen sulfide (H <sub>2</sub> S) using PTR-MS: calibration, humidity dependence, inter-comparison and results from field studies in an oil and gas production region. Atmospheric Measurement Techniques, 2014, 7, 3597-3610.	3.1	26
14	Air quality concerns of unconventional oil and natural gas production. Environmental Sciences: Processes and Impacts, 2014, 16, 954-969.	3.5	106
15	High winter ozone pollution from carbonyl photolysis in an oil and gas basin. Nature, 2014, 514, 351-354.	27.8	265
16	Twenty years of continuous high time resolution volatile organic compound monitoring in the United Kingdom from 1993 to 2012. Atmospheric Environment, 2014, 99, 239-247.	4.1	21
17	Strong wintertime ozone events in the Upper Green River basin, Wyoming. Atmospheric Chemistry and Physics, 2014, 14, 4909-4934.	4.9	48
18	An approach for the evaluation of exposure patterns of urban populations to air pollution. Atmospheric Environment, 2008, 42, 5350-5364.	4.1	23

**ROBERT A FIELD** 

#	Article	IF	CITATIONS
19	Population exposure to benzene: One day cross-sections in six European cities. Atmospheric Environment, 2006, 40, 3355-3366.	4.1	59
20	MECHANICALLY RECOVERED MEAT. , 2004, , 721-727.		5
21	Iron, Zinc and $\hat{l}\pm$ -Tocopherol Content of Bovine Hemopoietic Marrow. Journal of Food Composition and Analysis, 2002, 15, 19-25.	3.9	1
22	Interlaboratory exercises for volatile organic compound determination. Atmospheric Environment, 2001, 35, 5729-5740.	4.1	13
23	Analysis and interpretation of the continuous hourly monitoring data for 26 C2–C8 hydrocarbons at 12 United Kingdom sites during 1996. Atmospheric Environment, 2000, 34, 297-312.	4.1	170
24	Effect of method of analysis on iron content of beef from advanced meat recovery systems. Meat Science, 2000, 56, 351-355.	5.5	2
25	Ash and calcium as measures of bone in meat and bone mixtures. Meat Science, 2000, 55, 255-264.	5.5	28
26	Characteristics of Metacarpal Bones from Cows of Different Ages and Weights. The Professional Animal Scientist, 1999, 15, 169-172.	0.7	3
27	Bone marrow measurements for mechanically recovered products from machines that press bones. Meat Science, 1999, 51, 205-214.	5.5	16
28	Polycyclic aromatic hydrocarbons in central London air during 1991 and 1992. Science of the Total Environment, 1996, 177, 73-84.	8.0	43
29	Trends in motor-vehicle related air pollutants in central London. Environmental Monitoring and Assessment, 1996, 43, 101-116.	2.7	2
30	Analysis and interpretation of air quality data from an urban roadside location in Central London over the period from July 1991 to July 1992. Atmospheric Environment, 1995, 29, 923-946.	4.1	179
31	The variation of volatile organic compound concentrations in central London during the period July 1991 to September 1992. Environmental Technology (United Kingdom), 1994, 15, 931-944.	2.2	13
32	The variation in volatile organic compound concentrations in central London between 1986 and 1992. Environmental Technology (United Kingdom), 1994, 15, 801-812.	2.2	9
33	Relationships between indoor and outdoor air quality in four naturally ventilated offices in the United Kingdom. Atmospheric Environment Part A General Topics, 1993, 27, 1743-1753.	1.3	30
34	Indoor/outdoor interactions during an air pollution event in Central London. Environmental Technology (United Kingdom), 1992, 13, 391-408.	2.2	18
35	The sources and behaviour of tropospheric anthropogenic volatile hydrocarbons. Atmospheric Environment Part A General Topics, 1992, 26, 2983-2996.	1.3	69
36	A review of atmospheric polycyclic aromatic hydrocarbons: Sources, fate and behavior. Water, Air, and Soil Pollution, 1991, 60, 279-300.	2.4	739