David T Allen

List of Publications by Year in Descending Order

144 papers	3,617 citations	33 h-index	54 g-index
308 ext. papers	4,230 ext. citations	7.2 avg, IF	5.55 L-index

#	Paper	IF	Citations
144	Global Warming Breakeven Times for Infrastructure Construction Emissions Are Underestimated. *ACS Sustainable Chemistry and Engineering*, **2022**, 10, 1753-1758	8.3	0
143	Modeling air emissions from complex facilities at detailed temporal and spatial resolution: The Methane Emission Estimation Tool (MEET).. *Science of the Total Environment*, **2022**, 153653	10.2	0
142	A Methane Emission Estimation Tool (MEET) for predictions of emissions from upstream oil and gas well sites with fine scale temporal and spatial resolution: Model structure and applications.. *Science of the Total Environment*, **2022**, 829, 154277	10.2	0
141	Assessing the impact of episodic flare emissions on ozone formation in the Houston-Galveston-Brazoria area of Texas.. *Science of the Total Environment*, **2022**, 154276	10.2	
140	Mapping Greenhouse Gas Emissions of the U.S. Chemical Manufacturing Industry: The Effect of Feedstock Sourcing and Upstream Emissions Allocation. *ACS Sustainable Chemistry and Engineering*, **2022**, 10, 5932-5938	8.3	2
139	Expectations for Perspectives in ACS Sustainable Chemistry & Engineering. *ACS Sustainable Chemistry and Engineering*, **2021**, 9, 16528-16530	8.3	0
138	Geospatial Network Approach for Assessing Economic Potential of Ethylene-to-Fuel Technology in the Marcellus Shale Region. *Industrial & Engineering Chemistry Research*, **2021**, 60, 14801-14814	3.9	1
137	ACS Sustainable Chemistry & Engineering Welcomes Manuscripts on Advanced E-Waste Recycling. *ACS Sustainable Chemistry and Engineering*, **2021**, 9, 3624-3625	8.3	0
136	Use of Short Duration Measurements to Estimate Methane Emissions at Oil and Gas Production Sites. *Environmental Science and Technology Letters*, **2021**, 8, 463-467	11	3
135	Green Chemistry: A Framework for a Sustainable Future. *Organometallics*, **2021**, 40, 1801-1805	3.8	2
134	Comparing Greenhouse Gas Impacts from Domestic Coal and Imported Natural Gas Electricity Generation in China. *ACS Sustainable Chemistry and Engineering*, **2021**, 9, 8759-8769	8.3	5
133	Anthropogenic emissions of atomic chlorine precursors in the Yangtze River Delta region, China. *Science of the Total Environment*, **2021**, 771, 144644	10.2	3
132	Green Chemistry: A Framework for a Sustainable Future. *Environmental Science and Technology Letters*, **2021**, 8, 487-491	11	2
131	Green Chemistry: A Framework for a Sustainable Future. *Industrial & Engineering Chemistry Research*, **2021**, 60, 8964-8968	3.9	
130	Heterogeneous Formation of HONO Catalyzed by CO. *Environmental Science & Technology*, **2021**, 55, 12215-12222	10.3	3
129	Consistent Metrics Needed for Quantifying Methane Emissions from Upstream Oil and Gas Operations. *Environmental Science and Technology Letters*, **2021**, 8, 345-349	11	6
128	Projecting the Temporal Evolution of Methane Emissions from Oil and Gas Production Basins. *Environmental Science & Technology*, **2021**, 55, 2811-2819	10.3	0

127	A Searchable Database for Prediction of Emission Compositions from Upstream Oil and Gas Sources. *Environmental Science & Technology*, **2021**, 55, 3210-3218	10.3	4
126	Shaping Effective Practices for Incorporating Sustainability Assessment in Manuscripts Submitted to ACS Sustainable Chemistry & Engineering: An Initiative by the Editors. *ACS Sustainable Chemistry and Engineering*, **2021**, 9, 3977-3978	8.3	2
125	Systems Analysis of Natural Gas Liquid Resources for Chemical Manufacturing: Strategic Utilization of Ethane. *Industrial & Engineering Chemistry Research*, **2021**, 60, 12377-12389	3.9	2
124	LNG Supply Chains: A Supplier-Specific Life-Cycle Assessment for Improved Emission Accounting. *ACS Sustainable Chemistry and Engineering*, **2021**, 9, 10857-10867	8.3	2
123	Assessment of the effects of straw burning bans in China: Emissions, air quality, and health impacts. *Science of the Total Environment*, **2021**, 789, 147935	10.2	10
122	Organic acid-ammonia ion-induced nucleation pathways unveiled by quantum chemical calculation and kinetics modeling: A case study of 3-methyl-1,2,3-butanetricarboxylic acid. *Chemosphere*, **2021**, 284, 131354	8.4	0
121	Field Trial of Methane Emission Quantification Technologies **2020**,		3
120	Revised Estimation Method for Emissions from Automated Plunger Lift Liquid Unloadings. *Environments - MDPI*, **2020**, 7, 25	3.2	
119	Methane Emissions from Gathering Compressor Stations in the U.S. *Environmental Science & Technology*, **2020**, 54, 7552-7561	10.3	9
118	Confronting Racism in Chemistry Journals. *ACS Applied Nano Materials*, **2020**, 3, 6131-6133	5.6	
117	Confronting Racism in Chemistry Journals. *ACS Applied Polymer Materials*, **2020**, 2, 2496-2498	4.3	
116	Confronting Racism in Chemistry Journals. *Organometallics*, **2020**, 39, 2331-2333	3.8	
115	Formation Mechanisms of Iodine-Ammonia Clusters in Polluted Coastal Areas Unveiled by Thermodynamics and Kinetic Simulations. *Environmental Science & Technology*, **2020**, 54, 9235-9242	10.3	6
114	Update to Our Reader, Reviewer, and Author Communities April 2020. *Energy & Fuels*, **2020**, 34, 5107-5108	4.1	
113	Product Value Modeling for a Natural Gas Liquid to Liquid Transportation Fuel Process. *Industrial & Engineering Chemistry Research*, **2020**, 59, 3109-3119	3.9	5
112	Update to Our Reader, Reviewer, and Author Communities April 2020. *Organometallics*, **2020**, 39, 1665-1666	3.8	
111	Confronting Racism in Chemistry Journals. *Journal of Chemical Health and Safety*, **2020**, 27, 198-200	1.7	
110	The Evolution of ACS Sustainable Chemistry & Engineering. *ACS Sustainable Chemistry and Engineering*, **2020**, 8, 1-1	8.3	2

109	An emission inventory for Cl2 and HOCl in Shanghai, 2017. *Atmospheric Environment*, **2020**, 223, 117220	5.3	4
108	Expectations for Manuscripts Contributing to the Field of Solvents in ACS Sustainable Chemistry & Engineering. *ACS Sustainable Chemistry and Engineering*, **2020**, 8, 14627-14629	8.3	14
107	Projecting the Temporal Evolution of Methane Emissions from Oil and Gas Production Sites. *Environmental Science & Technology*, **2020**, 54, 14172-14181	10.3	8
106	Greenhouse Gas Emissions of Transportation Fuels from Shale Gas-Derived Natural Gas Liquids. *Procedia CIRP*, **2019**, 80, 346-351	1.8	2
105	National Academies Report Defines a Research Agenda for Chemical, Biochemical and Mineralization Approaches to Gaseous Carbon Waste Utilization. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 3702-3709	8.3	3
104	Multiday Measurements of Pneumatic Controller Emissions Reveal the Frequency of Abnormal Emissions Behavior at Natural Gas Gathering Stations. *Environmental Science and Technology Letters* , **2019**, 6, 348-352	11	8
103	Use of Light Alkane Fingerprints in Attributing Emissions from Oil and Gas Production. *Environmental Science & Technology*, **2019**, 53, 5483-5492	10.3	14
102	The impact of power plant emission variability and fuel switching on the air quality of Kuwait. *Science of the Total Environment*, **2019**, 672, 593-603	10.2	9
101	Network Modeling of the U.S. Petrochemical Industry under Raw Material and Hurricane Harvey Disruptions. *Industrial & Engineering Chemistry Research*, **2019**, 58, 12801-12815	3.9	4
100	Aggregation and Allocation of Greenhouse Gas Emissions in Oil and Gas Production: Implications for Life-Cycle Greenhouse Gas Burdens. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 17065-17073	8.3	7
99	Uses for expanded production of natural gas liquids: chemicals or power?. *Wiley Interdisciplinary Reviews: Energy and Environment*, **2018**, 7, e258	4.7	1
98	Heterogeneous production of Cl2 from particulate chloride: Effects of composition and relative humidity. *AICHE Journal*, **2018**, 64, 3151-3158	3.6	4
97	Assessment of methane emissions from the U.S. oil and gas supply chain. *Science*, **2018**, 361, 186-188	33.3	334
96	Super-emitters in natural gas infrastructure are caused by abnormal process conditions. *Nature Communications*, **2017**, 8, 14012	17.4	78
95	The Global Reach of ACS Sustainable Chemistry & Engineering and Welcoming Lina Zhang. *ACS Sustainable Chemistry and Engineering*, **2017**, 5, 2034-2034	8.3	
94	Comparison of Attributional and Consequential Life-Cycle Assessments in Chemical Manufacturing **2017**, 339-347		5
93	Combining innovative science and policy to improve air quality in cities with refining and chemicals manufacturing: The case study of Houston, Texas, USA. *Frontiers of Chemical Science and Engineering*, **2017**, 11, 293-304	4.5	4
92	Variability in Spatially and Temporally Resolved Emissions and Hydrocarbon Source Fingerprints for Oil and Gas Sources in Shale Gas Production Regions. *Environmental Science & Technology*, **2017**, 51, 12016-12026	10.3	17

91	Opportunities for Chemical Manufacturing Using Natural Gas Feedstocks in the San Juan Basin. *Industrial & Engineering Chemistry Research*, **2016**, 55, 8480-8489	3.9	4
90	Twenty-Five Years of Green Chemistry and Green Engineering: The End of the Beginning. *ACS Sustainable Chemistry and Engineering*, **2016**, 4, 5820-5820	8.3	24
89	Green Engineering Education in Chemical Engineering Curricula: A Quarter Century of Progress and Prospects for Future Transformations. *ACS Sustainable Chemistry and Engineering*, **2016**, 4, 5850-5854	8.3	9
88	Emissions from oil and gas operations in the United States and their air quality implications. *Journal of the Air and Waste Management Association*, **2016**, 66, 1165-1170	2.4	1
87	Emissions from oil and gas operations in the United States and their air quality implications. *Journal of the Air and Waste Management Association*, **2016**, 66, 549-75	2.4	51
86	Attributing Atmospheric Methane to Anthropogenic Emission Sources. *Accounts of Chemical Research*, **2016**, 49, 1344-50	24.3	17
85	Dynamic Management of NOx and SO2 Emissions in the Texas and Mid-Atlantic Electric Power Systems and Implications for Air Quality. *Environmental Science & Technology*, **2016**, 50, 1611-9	10.3	14
84	Impact of New Manufacturing Technologies on the Petrochemical Industry in the United States: A Methane-to-Aromatics Case Study. *Industrial & Engineering Chemistry Research*, **2016**, 55, 5366-5372	3.9	8
83	Carbon dioxide, methane and black carbon emissions from upstream oil and gas flaring in the United States. *Current Opinion in Chemical Engineering*, **2016**, 13, 119-123	5.4	10
82	Response to comment on "Methane emissions from process equipment at natural gas production sites in the United States: pneumatic controllers". *Environmental Science & Technology*, **2015**, 49, 3983-4	10.3	10
81	Comparison of regional and global land cover products and the implications for biogenic emission modeling. *Journal of the Air and Waste Management Association*, **2015**, 65, 1194-205	2.4	5
80	Regional ozone impacts of increased natural gas use in the Texas power sector and development in the Eagle Ford shale. *Environmental Science & Technology*, **2015**, 49, 3966-73	10.3	35
79	Quantifying regional, seasonal and interannual contributions of environmental factors on isoprene and monoterpene emissions estimates over eastern Texas. *Atmospheric Environment*, **2015**, 106, 120-128	5.3	15
78	Allocating Methane Emissions to Natural Gas and Oil Production from Shale Formations. *ACS Sustainable Chemistry and Engineering*, **2015**, 3, 492-498	8.3	26
77	Methane emissions from process equipment at natural gas production sites in the United States: pneumatic controllers. *Environmental Science & Technology*, **2015**, 49, 633-40	10.3	94
76	Methane emissions from process equipment at natural gas production sites in the United States: liquid unloadings. *Environmental Science & Technology*, **2015**, 49, 641-8	10.3	74
75	Impact of Natural Gas and Natural Gas Liquids Supplies on the United States Chemical Manufacturing Industry: Production Cost Effects and Identification of Bottleneck Intermediates. *ACS Sustainable Chemistry and Engineering*, **2015**, 3, 451-459	8.3	28
74	Atmospheric hydrocarbon emissions and concentrations in the barnett shale natural gas production region. *Environmental Science & Technology*, **2014**, 48, 5314-21	10.3	35

73	Spatial and Temporal Impacts on Water Consumption in Texas from Shale Gas Development and Use. *ACS Sustainable Chemistry and Engineering*, **2014**, 2, 2028-2035	8.3	18
72	Atmospheric emissions and air quality impacts from natural gas production and use. *Annual Review of Chemical and Biomolecular Engineering*, **2014**, 5, 55-75	8.9	31
71	Methane emissions from natural gas production and use: reconciling bottom-up and top-down measurements. *Current Opinion in Chemical Engineering*, **2014**, 5, 78-83	5.4	44
70	Regional air quality impacts of increased natural gas production and use in Texas. *Environmental Science & Technology*, **2013**, 47, 3521-7	10.3	45
69	Measurements of methane emissions at natural gas production sites in the United States. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 17768-73	11.5	371
68	Industrial Flare Performance at Low Flow Conditions. 2. Steam- and Air-Assisted Flares. *Industrial & Engineering Chemistry Research*, **2012**, 51, 12569-12576	3.9	24
67	Application of the Carbon Balance Method to Flare Emissions Characteristics. *Industrial & Engineering Chemistry Research*, **2012**, 51, 12577-12585	3.9	10
66	Industrial Flare Performance at Low Flow Conditions. 1. Study Overview. *Industrial & Engineering Chemistry Research*, **2012**, 51, 12559-12568	3.9	37
65	Direct measurement of volatile organic compound emissions from industrial flares using real-time online techniques: Proton Transfer Reaction Mass Spectrometry and Tunable Infrared Laser Differential Absorption Spectroscopy. *Industrial & Engineering Chemistry Research*, **2012**, 51, 12674-12684	3.9	31
64	Impacts of Emission Variability and Flare Combustion Efficiency on Ozone Formation in the Houston□alveston□razoria Area. *Industrial & Engineering Chemistry Research*, **2012**, 51, 12593-12599	3.9	8
63	Minimize Flaring through Integration with Fuel Gas Networks. *Industrial & Engineering Chemistry Research*, **2012**, 51, 12630-12641	3.9	20
62	Temporal Variability in Flaring Emissions in the Houston□alveston Area. *Industrial & Engineering Chemistry Research*, **2012**, 51, 12653-12662	3.9	7
61	Impact of Flare Destruction Efficiency and Products of Incomplete Combustion on Ozone Formation in Houston, Texas. *Industrial & Engineering Chemistry Research*, **2012**, 51, 12663-12673	3.9	15
60	Sustainability in chemical engineering education: Identifying a core body of knowledge. *AICHE Journal*, **2012**, 58, 2296-2302	3.6	13
59	Comparison of Lagrangian Process Analysis tools for Eulerian air quality models. *Atmospheric Environment*, **2011**, 45, 5200-5211	5.3	14
58	Using market-based dispatching with environmental price signals to reduce emissions and water use at power plants in the Texas grid. *Environmental Research Letters*, **2011**, 6, 044018	6.2	14
57	Preparing future engineers for challenges of the 21st century: Sustainable engineering. *Journal of Cleaner Production*, **2010**, 18, 698-701	10.3	58
56	Interpollutant emission trading of ozone precursors in southeast Texas. *Clean Technologies and Environmental Policy*, **2009**, 11, 189-200	4.3	

55	Estimates of the air quality benefits of using natural gas in industrial and transportation applications in Lima, Peru. *Clean Technologies and Environmental Policy*, **2009**, 11, 409-423	4.3	1
54	Sustainable engineering education in the United States. *Sustainability Science*, **2009**, 4, 7-15	6.4	45
53	Sustainability in engineering education and research at U.S. universities. *Environmental Science & Technology*, **2009**, 43, 5558-64	10.3	40
52	Improvement of the Chemical Mass Balance model for apportioning sources of non-methane hydrocarbons using composite aged source profiles. *Atmospheric Environment*, **2008**, 42, 1319-1337	5.3	13
51	Comparisons of modeled and observed isoprene concentrations in southeast Texas. *Atmospheric Environment*, **2008**, 42, 1922-1940	5.3	14
50	Reductions in ozone concentrations due to controls on variability in industrial flare emissions in Houston, Texas. *Atmospheric Environment*, **2008**, 42, 4198-4211	5.3	22
49	Modeling ozone formation from industrial emission events in Houston, Texas. *Atmospheric Environment*, **2008**, 42, 7641-7650	5.3	43
48	Application of a Lagrangian Process Analysis tool to characterize ozone formation in Southeast Texas. *Atmospheric Environment*, **2008**, 42, 5743-5759	5.3	14
47	The impacts of urbanization on emissions and air quality: comparison of four visions of Austin, Texas. *Environmental Science & Technology*, **2008**, 42, 7294-300	10.3	25
46	Transport of atmospheric fine particulate matter: part 2--findings from recent field programs on the intraurban variability in fine particulate matter. *Journal of the Air and Waste Management Association*, **2008**, 58, 196-215	2.4	21
45	Transport of atmospheric fine particulate matter: part 1--findings from recent field programs on the extent of regional transport within North America. *Journal of the Air and Waste Management Association*, **2008**, 58, 254-64	2.4	14
44	Fine particulate matter emissions inventories: comparisons of emissions estimates with observations from recent field programs. *Journal of the Air and Waste Management Association*, **2008**, 58, 320-43	2.4	25
43	Teaching Sustainable Engineering. *Journal of Industrial Ecology*, **2008**, 11, 8-10	7.2	12
42	Photochemical modeling of emissions trading of highly reactive volatile organic compounds in Houston, Texas. 1. Reactivity based trading and potential for ozone hot spot formation. *Environmental Science & Technology*, **2007**, 41, 2095-102	10.3	12
41	Photochemical modeling of emissions trading of highly reactive volatile organic compounds in Houston, Texas. 2. Incorporation of chlorine emissions. *Environmental Science & Technology*, **2007**, 41, 2103-7	10.3	6
40	Sustainable engineering: From myth to mechanism. *Environmental Quality Management*, **2007**, 17, 17-26	0.8	16
39	The effect of variability in industrial emissions on ozone formation in Houston, Texas. *Atmospheric Environment*, **2007**, 41, 9580-9593	5.3	38
38	Modeling of surface reactions on carbonaceous atmospheric particles during a wood smoke episode in Houston, Texas. *Atmospheric Environment*, **2006**, 40, 524-537	5.3	7

37	Chlorine chemistry in urban atmospheres: Aerosol formation associated with anthropogenic chlorine emissions in southeast Texas. *Atmospheric Environment*, **2006**, 40, 512-523	5.3	22
36	Modeling the impacts of emission events on ozone formation in Houston, Texas. *Atmospheric Environment*, **2006**, 40, 5329-5341	5.3	50
35	An overview of the gulf coast aerosol research and characterization study: the Houston fine particulate matter supersite. *Journal of the Air and Waste Management Association*, **2006**, 56, 456-66	2.4	7
34	Sustainable engineering: a model for engineering education in the twenty-first century?. *Clean Technologies and Environmental Policy*, **2006**, 8, 70-71	4.3	12
33	Trace gases and particulate matter emissions from wildfires and agricultural burning in Northeastern Mexico during the 2000 fire season. *Journal of the Air and Waste Management Association*, **2005**, 55, 1797-808	2.4	10
32	Predicting secondary organic aerosol formation rates in southeast Texas. *Journal of Geophysical Research*, **2005**, 110,		29
31	Hydrocarbon emissions from industrial release events in the Houston-Galveston area and their impact on ozone formation. *Atmospheric Environment*, **2005**, 39, 3785-3798	5.3	92
30	An Industrial Ecology: Material Flows and Engineering Design **2005**, 283-300		1
29	Daily, Seasonal, and Spatial Trends in PM2.5 Mass and Composition in Southeast Texas Special Issue of Aerosol Science and Technology on Findings from the Fine Particulate Matter Supersites Program. *Aerosol Science and Technology*, **2004**, 38, 14-26	3.4	71
28	Analysis of motor vehicle emissions in a Houston tunnel during the Texas Air Quality Study 2000. *Atmospheric Environment*, **2004**, 38, 3363-3372	5.3	92
27	Seasonal and spatial trends in primary and secondary organic carbon concentrations in southeast Texas. *Atmospheric Environment*, **2004**, 38, 3225-3239	5.3	40
26	Sesquiterpene Emissions and Secondary Organic Aerosol Formation Potentials for Southeast Texas Special Issue of Aerosol Science and Technology on Findings from the Fine Particulate Matter Supersites Program. *Aerosol Science and Technology*, **2004**, 38, 167-181	3.4	24
25	Estimates of Anthropogenic Secondary Organic Aerosol Formation in Houston, Texas Special Issue of Aerosol Science and Technology on Findings from the Fine Particulate Matter Supersites Program. *Aerosol Science and Technology*, **2004**, 38, 156-166	3.4	30
24	Size Distributions of Organic Functional Groups in Ambient Aerosol Collected in Houston, Texas Special Issue of Aerosol Science and Technology on Findings from the Fine Particulate Matter Supersites Program. *Aerosol Science and Technology*, **2004**, 38, 82-91	3.4	22
23	US EPA/academia collaboration for a green engineering textbook for chemical engineering. *Clean Technologies and Environmental Policy*, **2003**, 5, 226-231	4.3	
22	Direct evidence for chlorine-enhanced urban ozone formation in Houston, Texas. *Atmospheric Environment*, **2003**, 37, 1393-1400	5.3	119
21	Development of a chlorine mechanism for use in the carbon bond IV chemistry model. *Journal of Geophysical Research*, **2003**, 108,		36
20	An environmental chamber investigation of chlorine-enhanced ozone formation in Houston, Texas. *Journal of Geophysical Research*, **2003**, 108,		12

19	CCl bond fission pathways of chloroalkenyl alkoxy radicals. *Journal of Chemical Physics*, **2003**, 118, 1794-1801	3.1	10
18	Air pollutant emissions associated with forest, grassland, and agricultural burning in Texas. *Atmospheric Environment*, **2002**, 36, 3779-3792	5.3	97
17	Effects of temperature and land use on predictions of biogenic emissions in Eastern Texas, USA. *Atmospheric Environment*, **2002**, 36, 3321-3337	5.3	14
16	Sensitivity of urban ozone formation to chlorine emission estimates. *Atmospheric Environment*, **2002**, 36, 4991-5003	5.3	53
15	Fine particulate matter source attribution for Southeast Texas using 14C/13C ratios. *Journal of Geophysical Research*, **2002**, 107, ACH 3-1		55
14	Green engineering: Environmentally conscious design of chemical processes and products. *AICHE Journal*, **2001**, 47, 1906-1910	3.6	48
13	Measurement and analysis of atmospheric concentrations of isoprene and its reaction products in central Texas. *Atmospheric Environment*, **2001**, 35, 1001-1013	5.3	68
12	A land use database and examples of biogenic isoprene emission estimates for the state of Texas, USA. *Atmospheric Environment*, **2001**, 35, 6465-6477	5.3	40
11	Biogenic hydrocarbon emission estimates for North Central Texas. *Atmospheric Environment*, **2000**, 34, 3419-3435	5.3	21
10	Anthropogenic Sources of Chlorine and Ozone Formation in Urban Atmospheres. *Environmental Science & Technology*, **2000**, 34, 4470-4473	10.3	82
9	Catalytic hydrodechlorination of 1,3-dichloropropene. *Chemical Engineering Science*, **1999**, 54, 3627-3634	4.4	11
8	Ranking pollutants. *P2 Pollution Prevention Review*, **1997**, 7, 89-98		
7	FTIR Analysis of Aerosol Formed in the Photooxidation of 1,3,5-Trimethylbenzene. *Aerosol Science and Technology*, **1997**, 26, 516-526	3.4	33
6	Catalytic Hydroprocessing of Chlorinated Olefins. *Industrial & Engineering Chemistry Research*, **1997**, 36, 3019-3026	3.9	42
5	Minimizing Chlorine Use: Assessing the Trade-offs Between Cost and Chlorine Reduction in Chemical Manufacturing. *Journal of Industrial Ecology*, **1997**, 1, 111-134	7.2	10
4	Measuring Corporate Environmental Performance: The ICI Environmental Burden System. *Journal of Industrial Ecology*, **1997**, 1, 117-127	7.2	70
3	Systematic design of substitute materials: A solvent case study. *P2 Pollution Prevention Review*, **1997**, 7, 113-118		
2	Measuring corporate environmental performance: The Imperial Chemical Industries Group environmental burden system. *P2 Pollution Prevention Review*, **1997**, 7, 109-114		