David R Cocker

List of Publications by Year
in descending order

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Version: 2024-02-01

145 papers	8,886 citations	66250 44 h-index	62345 84 g-index
148 all docs	148 docs citations	148 times ranked	7015 citing authors

#	Article	IF	Citations
1	Variability in Aromatic Aerosol Yields under Very Low NO_xConditions at Different HO₂/RO₂Regimes. Environmental Science & Technology, 2022, 56, 750-760.	4.6	8
2	Secondary organic aerosol formation from the oxidation of decamethylcyclopentasiloxane at atmospherically relevant OH concentrations. Atmospheric Chemistry and Physics, 2022, 22, 917-928.	1.9	9
3	The impact of hydrogenated vegetable oil (HVO) on the formation of secondary organic aerosol (SOA) from in-use heavy-duty diesel vehicles. Science of the Total Environment, 2022, 822, 153583.	3.9	5
4	Secondary organic aerosol formation from camphene oxidation: measurements and modeling. Atmospheric Chemistry and Physics, 2022, 22, 3131-3147.	1.9	5
5	Secondary Organic and Inorganic Aerosol Formation from a GDI Vehicle under Different Driving Conditions. Atmosphere, 2022, 13, 433.	1.0	2
6	Evaluation of emissions benefits of OBD-based repairs for potential application in a heavy-duty vehicle Inspection and Maintenance program. Atmospheric Environment, 2021, 247, 118186.	1.9	13
7	Characterization of secondary products formed through oxidation of reduced sulfur compounds. Atmospheric Environment, 2021, 256, 118148.	1.9	5
8	Effects of driving conditions on secondary aerosol formation from a GDI vehicle using an oxidation flow reactor. Environmental Pollution, 2021, 282, 117069.	3.7	10
9	Methanesulfonic acid and sulfuric acid Aerosol Formed through oxidation of reduced sulfur compounds in a humid environment. Atmospheric Environment, 2021, 261, 118504.	1.9	9
10	Yard tractors: Their path to zero emissions. Transportation Research, Part D: Transport and Environment, 2021, 98, 102972.	3.2	3
11	Salton Sea aerosol exposure in mice induces a pulmonary response distinct from allergic inflammation. Science of the Total Environment, 2021, 792, 148450.	3.9	8
12	Controlling emissions from an ocean-going container vessel with a wet scrubber system. Fuel, 2021, 304, 121323.	3.4	22
13	Characterization of particulate matter emitted by a marine engine operated with liquefied natural gas and diesel fuels. Atmospheric Environment, 2020, 220, 117030.	1.9	30
14	Intermediate and high ethanol blends reduce secondary organic aerosol formation from gasoline direct injection vehicles. Atmospheric Environment, 2020, 220, 117064.	1.9	20
15	Development of a Network of Accurate Ozone Sensing Nodes for Parallel Monitoring in a Site Relocation Study. Sensors, 2020, 20, 16.	2.1	10
16	Comprehensive analysis of the air quality impacts of switching a marine vessel from diesel fuel to natural gas. Environmental Pollution, 2020, 266, 115404.	3.7	27
17	Evaluating the relationships between aromatic and ethanol levels in gasoline on secondary aerosol formation from a gasoline direct injection vehicle. Science of the Total Environment, 2020, 737, 140333.	3.9	12
18	Development and Evaluation of a Detailed Mechanism for Gas-Phase Atmospheric Reactions of Furans. ACS Earth and Space Chemistry, 2020, 4, 1254-1268.	1.2	10

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19	Compositional data analysis of smoke emissions from debris piles with low-density polyethylene. Journal of the Air and Waste Management Association, 2020, 70, 834-845.	0.9	10
20	Compositional Evolution of Secondary Organic Aerosol as Temperature and Relative Humidity Cycle in Atmospherically Relevant Ranges. ACS Earth and Space Chemistry, 2019, 3, 2549-2558.	1.2	21
21	Using a new Mobile Atmospheric Chamber (MACh) to investigate the formation of secondary aerosols from mobile sources: The case of gasoline direct injection vehicles. Journal of Aerosol Science, 2019, 133, 1-11.	1.8	16
22	Establishment and characterization of a multi-purpose large animal exposure chamber for investigating health effects. Review of Scientific Instruments, 2019, 90, 035115.	0.6	6
23	Catalyzed Gasoline Particulate Filters Reduce Secondary Organic Aerosol Production from Gasoline Direct Injection Vehicles. Environmental Science & Technology, 2019, 53, 3037-3047.	4.6	14
24	Investigation of the Effect of Mid- And High-Level Ethanol Blends on the Particulate and the Mobile Source Air Toxic Emissions from a Gasoline Direct Injection Flex Fuel Vehicle. Energy & Fuels, 2019, 33, 429-440.	2.5	25
25	Physical, chemical, and toxicological characteristics of particulate emissions from current technology gasoline direct injection vehicles. Science of the Total Environment, 2019, 650, 1182-1194.	3.9	35
26	SOA formation from photooxidation of naphthalene and methylnaphthalenes with m-xylene and surrogate mixtures. Atmospheric Environment, 2018, 180, 256-264.	1.9	24
27	Molecular structure impacts on secondary organic aerosol formation from glycol ethers. Atmospheric Environment, 2018, 180, 206-215.	1.9	11
28	Sources of variance in BC mass measurements from a small marine engine: Influence of the instruments, fuels and loads. Atmospheric Environment, 2018, 182, 128-137.	1.9	20
29	Potential of select intermediate-volatility organic compounds and consumer products for secondary organic aerosol and ozone formation under relevant urban conditions. Atmospheric Environment, 2018, 178, 109-117.	1.9	52
30	Characterization of the emissions impacts of hybrid excavators with a portable emissions measurement system (PEMS)-based methodology. Science of the Total Environment, 2018, 635, 112-119.	3.9	22
31	Chemical speciation, including polycyclic aromatic hydrocarbons (PAHs), and toxicity of particles emitted from meat cooking operations. Science of the Total Environment, 2018, 633, 1429-1436.	3.9	46
32	Secondary organic aerosol and ozone formation from photo-oxidation of unburned diesel fuel in a surrogate atmospheric environment. Atmospheric Environment, 2018, 184, 17-23.	1.9	11
33	Gasoline Particulate Filters as an Effective Tool to Reduce Particulate and Polycyclic Aromatic Hydrocarbon Emissions from Gasoline Direct Injection (GDI) Vehicles: A Case Study with Two GDI Vehicles. Environmental Science & Technology, 2018, 52, 3275-3284.	4.6	61
34	Particulate matter emissions and gaseous air toxic pollutants from commercial meat cooking operations. Journal of Environmental Sciences, 2018, 65, 162-170.	3.2	41
35	Characterizing emission rates of regulated pollutants from model year 2012 + heavy-duty diesel vehicles equipped with DPF and SCR systems. Science of the Total Environment, 2018, 619-620, 765-771.	3.9	43
36	Predicting Secondary Organic Aerosol Enhancement in the Presence of Atmospherically Relevant Organic Particles. ACS Earth and Space Chemistry, 2018, 2, 1035-1046.	1.2	19

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37	A comparison of a mini-PEMS and a 1065 compliant PEMS for on-road gaseous and particulate emissions from a light duty diesel truck. Science of the Total Environment, 2018, 640-641, 364-376.	3.9	15
38	Continuous Inhalation Exposure to Fungal Allergen Particulates Induces Lung Inflammation While Reducing Innate Immune Molecule Expression in the Brainstem. ASN Neuro, 2018, 10, 175909141878230.	1.5	13
39	Hydroxyl radical formation and soluble trace metal content in particulate matter from renewable diesel and ultra low sulfur diesel in at-sea operations of a research vessel. Aerosol Science and Technology, 2017, 51, 147-158.	1.5	27
40	More unsaturated, cooking-type hydrocarbon-like organic aerosol particle emissions from renewable diesel compared to ultra low sulfur diesel in at-sea operations of a research vessel. Aerosol Science and Technology, 2017, 51, 135-146.	1.5	14
41	Impact of biodiesel on regulated and unregulated emissions, and redox and proinflammatory properties of PM emitted from heavy-duty vehicles. Science of the Total Environment, 2017, 584-585, 1230-1238.	3.9	42
42	Contribution of methyl group to secondary organic aerosol formation from aromatic hydrocarbon photooxidation. Atmospheric Environment, 2017, 151, 133-139.	1.9	10
43	Detailed Analysis of Criteria and Particle Emissions from a Very Large Crude Carrier Using a Novel ECA Fuel. Environmental Science & Technology, 2017, 51, 1868-1875.	4.6	15
44	Differences between emissions measured in urban driving and certification testing of heavy-duty diesel engines. Atmospheric Environment, 2017, 166, 276-285.	1.9	37
45	Lower NO_x but higher particle and black carbon emissions from renewable diesel compared to ultra low sulfur diesel in at-sea operations of a research vessel. Aerosol Science and Technology, 2017, 51, 123-134.	1.5	15
46	Novel Approach for Evaluating Secondary Organic Aerosol from Aromatic Hydrocarbons: Unified Method for Predicting Aerosol Composition and Formation. Environmental Science & Technology, 2016, 50, 6249-6256.	4.6	19
47	Temperature Effects on Secondary Organic Aerosol (SOA) from the Dark Ozonolysis and Photo-Oxidation of Isoprene. Environmental Science & Technology, 2016, 50, 5564-5571.	4.6	37
48	Evaluations of in-use emission factors from off-road construction equipment. Atmospheric Environment, 2016, 147, 234-245.	1.9	59
49	Impacts of dimethyl carbonate blends on gaseous and particulate emissions from a heavy-duty diesel engine. Fuel, 2016, 184, 681-688.	3.4	44
50	Effects of temperature on the formation of secondary organic aerosol from amine precursors. Aerosol Science and Technology, 2016, 50, 1216-1226.	1.5	28
51	Impact of molecular structure on secondary organic aerosol formation from aromatic hydrocarbon photooxidation under low-NO_{<i>x</i>} conditions. Atmospheric Chemistry and Physics, 2016, 16, 10793-10808.	1.9	40
52	A Comprehensive Evaluation of a Gaseous Portable Emissions Measurement System with a Mobile Reference Laboratory. Emission Control Science and Technology, 2016, 2, 173-180.	0.8	14
53	A Generalized Approach for Verifying the Emission Benefits of Off-Road Hybrid Mobile Sources. Emission Control Science and Technology, 2016, 2, 89-98.	0.8	1
54	Impact of Aftertreatment Technologies on the In-Use Gaseous and Particulate Matter Emissions from a Tugboat. Energy & Fuels, 2016, 30, 684-689.	2.5	13

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55	Regulated, greenhouse gas, and particulate emissions from lean-burn and stoichiometric natural gas heavy-duty vehicles on different fuel compositions. Fuel, 2016, 175, 146-156.	3.4	84
56	SOA formation from naphthalene, 1-methylnaphthalene, and 2-methylnaphthalene photooxidation. Atmospheric Environment, 2016, 131, 424-433.	1.9	38
57	Simulated impact of NO x on SOA formation from oxidation of toluene and m -xylene. Atmospheric Environment, 2015, 101, 217-225.	1.9	32
58	Instantaneous nitric oxide effect on secondary organic aerosol formation from m-xylene photooxidation. Atmospheric Environment, 2015, 119, 144-155.	1.9	24
59	Proposed chemical mechanisms leading to secondary organic aerosol in the reactions of aliphatic amines with hydroxyl and nitrate radicals. Atmospheric Environment, 2014, 96, 135-144.	1.9	21
60	Impact of Sugarcane Renewable Fuel on In-Use Gaseous and Particulate Matter Emissions from a Marine Vessel. Energy & Fuels, 2014, 28, 4177-4182.	2.5	15
61	Effect of low-density polyethylene on smoke emissions from burning of simulated debris piles. Journal of the Air and Waste Management Association, 2014, 64, 690-703.	0.9	12
62	Cloud condensation nuclei (CCN) activity of aliphatic amine secondary aerosol. Atmospheric Chemistry and Physics, 2014, 14, 5959-5967.	1.9	16
63	NO3 radical, OH radical and O3-initiated secondary aerosol formation from aliphatic amines. Atmospheric Environment, 2013, 72, 105-112.	1.9	44
64	Density and elemental ratios of secondary organic aerosol: Application of a density prediction method. Atmospheric Environment, 2013, 68, 273-277.	1.9	79
65	Real-Time Study of Particle-Phase Products from Î±-Pinene Ozonolysis and Isoprene Photooxidation Using Particle into Liquid Sampling Directly Coupled to a Time-of-Flight Mass Spectrometer (PILS-ToF). Aerosol Science and Technology, 2013, 47, 1374-1382.	1.5	14
66	Measuring in-use ship emissions with international and U.S. federal methods. Journal of the Air and Waste Management Association, 2013, 63, 284-291.	0.9	27
67	Coupling field and laboratory measurements to estimate the emission factors of identified and unidentified trace gases for prescribed fires. Atmospheric Chemistry and Physics, 2013, 13, 89-116.	1.9	266
68	Laboratory characterization of PM emissions from combustion of wildland biomass fuels. Journal of Geophysical Research D: Atmospheres, 2013, 118, 9914-9929.	1.2	70
69	Nature of Sub-23-nm Particles Downstream of the European Particle Measurement Programme (PMP)-Compliant System: A Real-Time Data Perspective. Aerosol Science and Technology, 2012, 46, 886-896.	1.5	39
70	Aging of secondary organic aerosol from Î±-pinene ozonolysis: Roles of hydroxyl and nitrate radicals. Journal of the Air and Waste Management Association, 2012, 62, 1359-1369.	0.9	15
71	Chamber studies of SOA formation from aromatic hydrocarbons: observation of limited glyoxal uptake. Atmospheric Chemistry and Physics, 2012, 12, 3927-3937.	1.9	32
72	Are sesquiterpenes a good source of secondary organic cloud condensation nuclei (CCN)? Revisiting Î²-caryophyllene CCN. Atmospheric Chemistry and Physics, 2012, 12, 8377-8388.	1.9	24

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73	Impact of Algae Biofuel on In-Use Gaseous and Particulate Emissions from a Marine Vessel. Energy & Fuels, 2012, 26, 6137-6143.	2.5	29
74	Greenhouse Gas and Criteria Emission Benefits through Reduction of Vessel Speed at Sea. Environmental Science & Technology, 2012, 46, 12600-12607.	4.6	30
75	Benefits of Two Mitigation Strategies for Container Vessels: Cleaner Engines and Cleaner Fuels. Environmental Science & Technology, 2012, 46, 5049-5056.	4.6	39
76	Characterization of PM-PEMS for in-use measurements conducted during validation testing for the PM-PEMS measurement allowance program. Atmospheric Environment, 2012, 55, 311-318.	1.9	32
77	Quantifying In-Use PM Measurements for Heavy Duty Diesel Vehicles. Environmental Science & Technology, 2011, 45, 6073-6079.	4.6	36
78	Real-Time Gaseous, PM and Ultrafine Particle Emissions from a Modern Marine Engine Operating on Biodiesel. Environmental Science & Technology, 2011, 45, 2286-2292.	4.6	40
79	Secondary organic aerosol formation from phenolic compounds in the absence of NO_x. Atmospheric Chemistry and Physics, 2011, 11, 10649-10660.	1.9	78
80	Secondary organic aerosol formation from the photooxidation of isoprene, 1,3-butadiene, and 2,3-dimethyl-1,3-butadiene under high NO_x conditions. Atmospheric Chemistry and Physics, 2011, 11, 7301-7317.	1.9	40
81	Interpretation of Secondary Organic Aerosol Formation from Diesel Exhaust Photooxidation in an Environmental Chamber. Aerosol Science and Technology, 2011, 45, 964-972.	1.5	57
82	Effectiveness of Emission Control Technologies for Auxiliary Engines on Ocean-Going Vessels. Journal of the Air and Waste Management Association, 2011, 61, 14-21.	0.9	13
83	Temperature effect on physical and chemical properties of secondary organic aerosol from <i>m</i>-xylene photooxidation. Atmospheric Chemistry and Physics, 2010, 10, 3847-3854.	1.9	33
84	Particle size distributions from laboratory-scale biomass fires using fast response instruments. Atmospheric Chemistry and Physics, 2010, 10, 8065-8076.	1.9	86
85	Can secondary organic aerosol formed in an atmospheric simulation chamber continuously age?. Atmospheric Environment, 2010, 44, 2990-2996.	1.9	36
86	Determination of methylamines and trimethylamine-N-oxide in particulate matter by non-suppressed ion chromatography. Journal of Chromatography A, 2010, 1217, 2070-2073.	1.8	39
87	Emissions from main propulsion engine on container ship at sea. Journal of Geophysical Research, 2010, 115, .	3.3	69
88	Real-Time Aerosol Density Determination Utilizing a Modified Scanning Mobility Particle Sizerâ€"Aerosol Particle Mass Analyzer System. Aerosol Science and Technology, 2009, 43, 673-678.	1.5	116
89	Evaluation of the European PMP Methodologies during On-Road and Chassis Dynamometer Testing for DPF Equipped Heavy-Duty Diesel Vehicles. Aerosol Science and Technology, 2009, 43, 962-969.	1.5	48
90	Secondary organic aerosol formation from cyclohexene ozonolysis in the presence of water vapor and dissolved salts. Atmospheric Environment, 2009, 43, 1789-1795.	1.9	20

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91	On-road comparison of a portable emission measurement system with a mobile reference laboratory for a heavy-duty diesel vehicle. Atmospheric Environment, 2009, 43, 2877-2883.	1.9	51
92	Temperature dependence of secondary organic aerosol. Atmospheric Environment, 2009, 43, 3548-3555.	1.9	47
93	Primary Particulate Matter from Ocean-Going Engines in the Southern California Air Basin. Environmental Science & Technology, 2009, 43, 5398-5402.	4.6	109
94	Characterization and source identification of trace elements in PM2.5 from Mira Loma, Southern California. Atmospheric Research, 2009, 93, 793-800.	1.8	42
95	Comprehensive Simultaneous Shipboard and Airborne Characterization of Exhaust from a Modern Container Ship at Sea. Environmental Science & Technology, 2009, 43, 4626-4640.	4.6	192
96	Secondary organic aerosol formation from primary aliphatic amines with NO₃ radical. Atmospheric Chemistry and Physics, 2009, 9, 2051-2060.	1.9	84
97	Characterization of chemical and particulate emissions from aircraft engines. Atmospheric Environment, 2008, 42, 4380-4392.	1.9	68
98	In-use gaseous and particulate matter emissions from a modern ocean going container vessel. Atmospheric Environment, 2008, 42, 5504-5510.	1.9	225
99	Fine organic particle, formaldehyde, acetaldehyde concentrations under and after the influence of fire activity in the atmosphere of Riverside, California. Environmental Research, 2008, 108, 7-14.	3.7	26
100	Trimethylamine as Precursor to Secondary Organic Aerosol Formation via Nitrate Radical Reaction in the Atmosphere. Environmental Science & Technology, 2008, 42, 4689-4696.	4.6	110
101	Generation and Characterization of Diesel Exhaust in a Facility for Controlled Human Exposures. Journal of the Air and Waste Management Association, 2008, 58, 829-837.	0.9	8
102	Emission Measurements from a Crude Oil Tanker at Sea. Environmental Science & Technology, 2008, 42, 7098-7103.	4.6	175
103	Light Intensity and Light Source Influence on Secondary Organic Aerosol Formation for the m-Xylene/NO_x Photooxidation System. Environmental Science & Technology, 2008, 42, 5461-5466.	4.6	34
104	JP-8 Jet Fuel Can Promote Auditory Impairment Resulting From Subsequent Noise Exposure in Rats. Toxicological Sciences, 2007, 98, 510-525.	1.4	44
105	Promotion of Noise-Induced Cochlear Injury by Toluene and Ethylbenzene in the Rat. Toxicological Sciences, 2007, 98, 542-551.	1.4	26
106	Real-world emissions of carbonyl compounds from in-use heavy-duty diesel trucks and diesel Back-Up Generators (BUGs). Atmospheric Environment, 2007, 41, 4535-4547.	1.9	25
107	Regulated and Non-Regulated Emissions from In-Use Diesel-Electric Switching Locomotives. Environmental Science & Technology, 2007, 41, 6074-6083.	4.6	20
108	Impact of Propene on Secondary Organic Aerosol Formation from m-Xylene. Environmental Science & Technology, 2007, 41, 6990-6995.	4.6	41

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109	Effect of Ammonia on Secondary Organic Aerosol Formation from Î±-Pinene Ozonolysis in Dry and Humid Conditions. Environmental Science & Technology, 2007, 41, 6096-6102.	4.6	111
110	Secondary Organic Aerosol Formation from m-Xylene in the Absence of NO_x. Environmental Science & Technology, 2007, 41, 7409-7416.	4.6	35
111	Secondary Organic Aerosol Formation from the Photooxidation of p- and o-Xylene. Environmental Science & Technology, 2007, 41, 7403-7408.	4.6	40
112	Reduction of Particulate Matter Emissions from Diesel Backup Generators Equipped with Four Different Exhaust Aftertreatment Devices. Environmental Science & Technology, 2007, 41, 5070-5076.	4.6	35
113	Evaluation and Comparison of Portable Emissions Measurement Systems and Federal Reference Methods for Emissions from a Back-Up Generator and a Diesel Truck Operated on a Chassis Dynamometer. Environmental Science & Technology, 2007, 41, 6199-6204.	4.6	67
114	Regulated emissions from biodiesel fuels from on/off-road applications. Atmospheric Environment, 2007, 41, 5647-5658.	1.9	66
115	Emission rates of regulated pollutants from on-road heavy-duty diesel vehicles. Atmospheric Environment, 2006, 40, 147-153.	1.9	38
116	Formation of secondary organic aerosol from the reaction of styrene with ozone in the presence and absence of ammonia and water. Atmospheric Environment, 2006, 40, 1889-1900.	1.9	85
117	Emissions of regulated pollutants from in-use diesel back-up generators. Atmospheric Environment, 2006, 40, 4199-4209.	1.9	35
118	Organic and elemental carbon concentrations in fine particulate matter in residences, schoolrooms, and outdoor air in Mira Loma, California. Atmospheric Environment, 2005, 39, 3325-3333.	1.9	41
119	A new environmental chamber for evaluation of gas-phase chemical mechanisms and secondary aerosol formation. Atmospheric Environment, 2005, 39, 7768-7788.	1.9	192
120	A Fast Scanning Mobility Particle Spectrometer for Monitoring Transient Particle Size Distributions. Aerosol Science and Technology, 2005, 39, 519-526.	1.5	33
121	Impact of the Hydrocarbon to NOxRatio on Secondary Organic Aerosol Formation. Environmental Science & Technology, 2005, 39, 3143-3149.	4.6	192
122	On-Road Emission Rates of PAH andn-Alkane Compounds from Heavy-Duty Diesel Vehicles. Environmental Science & Technology, 2005, 39, 5276-5284.	4.6	82
123	Primary and secondary carbonaceous species in the atmosphere of Western Riverside County, California. Atmospheric Environment, 2004, 38, 1345-1355.	1.9	205
124	Trace elements in fine particulate matter within a community in western Riverside County, CA: focus on residential sites and a local high school. Atmospheric Environment, 2004, 38, 2867-2877.	1.9	38
125	Chemical characterization of outdoor PM2.5 and gas-phase compounds in Mira Loma, California. Atmospheric Environment, 2004, 38, 5517-5528.	1.9	24
126	Characterization of PM2.5 and selected gas-phase compounds at multiple indoor and outdoor sites in Mira Loma, California. Atmospheric Environment, 2004, 38, 6269-6278.	1.9	48

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127	The Scanning DMA Transfer Function. Aerosol Science and Technology, 2004, 38, 833-850.	1.5	65
128	Emission Rates of Particulate Matter and Elemental and Organic Carbon from In-Use Diesel Engines. Environmental Science & Technology, 2004, 38, 2544-2550.	4.6	235
129	Development and Application of a Mobile Laboratory for Measuring Emissions from Diesel Engines. 2. Sampling for Toxics and Particulate Matter. Environmental Science & Technology, 2004, 38, 6809-6816.	4.6	60
130	Development and Application of a Mobile Laboratory for Measuring Emissions from Diesel Engines. 1. Regulated Gaseous Emissions. Environmental Science & Technology, 2004, 38, 2182-2189.	4.6	97
131	Preliminary chemical characterization of particle-phase organic compounds in New Delhi, India. Atmospheric Environment, 2003, 37, 4317-4323.	1.9	46
132	New particle formation from photooxidation of diiodomethane (CH2I2). Journal of Geophysical Research, 2003, 108, .	3.3	200
133	Correction to â€œNew particle formation from photooxidation of diiodomethane (CH2I2)â€• Journal of Geophysical Research, 2003, 108, .	3.3	24
134	State-of-the-Art Chamber Facility for Studying Atmospheric Aerosol Chemistry. Environmental Science & Technology, 2001, 35, 2594-2601.	4.6	263
135	Hygroscopic Properties of Pasadena, California Aerosol. Aerosol Science and Technology, 2001, 35, 637-647.	1.5	84
136	The effect of water on gasâ€“particle partitioning of secondary organic aerosol. Part I: Î±-pinene/ozone system. Atmospheric Environment, 2001, 35, 6049-6072.	1.9	214
137	The effect of water on gasâ€“particle partitioning of secondary organic aerosol: II. m-xylene and 1,3,5-trimethylbenzene photooxidation systems. Atmospheric Environment, 2001, 35, 6073-6085.	1.9	176
138	Hygroscopic Properties of Pasadena, California Aerosol. Aerosol Science and Technology, 2001, 35, 637-647.	1.5	61
139	Aerosol Formation in the Cyclohexene-Ozone System. Environmental Science & Technology, 2000, 34, 4894-4901.	4.6	150
140	Gas-Phase Ozone Oxidation of Monoterpenes: Gaseous and Particulate Products. Journal of Atmospheric Chemistry, 1999, 34, 207-258.	1.4	495
141	Organic aerosol formation from the oxidation of biogenic hydrocarbons. Journal of Geophysical Research, 1999, 104, 3555-3567.	3.3	666
142	Observation of gaseous and particulate products of monoterpene oxidation in forest atmospheres. Geophysical Research Letters, 1999, 26, 1145-1148.	1.5	164
143	Estimate of global atmospheric organic aerosol from oxidation of biogenic hydrocarbons. Geophysical Research Letters, 1999, 26, 2721-2724.	1.5	325
144	Incremental Aerosol Reactivity:Â Application to Aromatic and Biogenic Hydrocarbons. Environmental Science & Technology, 1999, 33, 2403-2408.	4.6	25

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145	On-Road Evaluation of a PEMS for Measuring Gaseous In-Use Emissions from a Heavy-Duty Diesel Vehicle. SAE International Journal of Commercial Vehicles, 0, 1, 200-209.	0.4	19