

# Allen Goldstein

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

434  
papers

36,930  
citations

93  
h-index

179  
g-index

532  
ext. papers

42,048  
ext. citations

7.6  
avg, IF

6.93  
L-index

#	Paper	IF	Citations
434	The Sea Spray Chemistry and Particle Evolution study (SeaSCAPE): overview and experimental methods.. <i>Environmental Sciences: Processes and Impacts</i> , <b>2022</b> ,	4.3	2
433	Marine gas-phase sulfur emissions during an induced phytoplankton bloom. <i>Atmospheric Chemistry and Physics</i> , <b>2022</b> , 22, 1601-1613	6.8	2
432	Ground-based investigation of HO <sub>2</sub> and ozone chemistry in biomass burning plumes in rural Idaho. <i>Atmospheric Chemistry and Physics</i> , <b>2022</b> , 22, 4909-4928	6.8	
431	Atmospheric Benzothiazoles in a Coastal Marine Environment. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 15705-15714	10.3	1
430	Development of an in situ dual-channel thermal desorption gas chromatography instrument for consistent quantification of volatile, intermediate-volatility and semivolatile organic compounds. <i>Atmospheric Measurement Techniques</i> , <b>2021</b> , 14, 6533-6550	4	1
429	Microbial growth and volatile organic compound (VOC) emissions from carpet and drywall under elevated relative humidity conditions. <i>Microbiome</i> , <b>2021</b> , 9, 209	16.6	0
428	Chemical composition of PM <sub>2.5</sub> in October 2017 Northern California wildfire plumes. <i>Atmospheric Chemistry and Physics</i> , <b>2021</b> , 21, 5719-5737	6.8	3
427	Highly Resolved Composition during Diesel Evaporation with Modeled Ozone and Secondary Aerosol Formation: Insights into Pollutant Formation from Evaporative Intermediate Volatility Organic Compound Sources. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 5742-5751	10.3	4
426	Intake Fractions for Volatile Organic Compounds in Two Occupied California Residences. <i>Environmental Science and Technology Letters</i> , <b>2021</b> , 8, 386-391	11	2
425	High-Resolution Exposure Assessment for Volatile Organic Compounds in Two California Residences. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 6740-6751	10.3	11
424	Quantification of cooking organic aerosol in the indoor environment using aerodyne aerosol mass spectrometers. <i>Aerosol Science and Technology</i> , <b>2021</b> , 55, 1099-1114	3.4	9
423	Large Emissions of Low-Volatility Siloxanes during Residential Oven Use. <i>Environmental Science and Technology Letters</i> , <b>2021</b> , 8, 519-524	11	7
422	Measurement of Volatile Compounds for Real-Time Analysis of Soil Microbial Metabolic Response to Simulated Snowmelt. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 679671	5.7	0
421	Volatile organic compound emissions during HOMEChem. <i>Indoor Air</i> , <b>2021</b> , 31, 2099-2117	5.4	7
420	Real-time organic aerosol chemical speciation in the indoor environment using extractive electrospray ionization mass spectrometry. <i>Indoor Air</i> , <b>2021</b> , 31, 141-155	5.4	15
419	How Do Indoor Environments Affect Air Pollution Exposure?. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 100-108	10.3	16
418	Indoor emissions of total and fluorescent supermicron particles during HOMEChem. <i>Indoor Air</i> , <b>2021</b> , 31, 88-98	5.4	11

4 <sup>17</sup>	Physical-Chemical Coupling Model for Characterizing the Reaction of Ozone with Squalene in Realistic Indoor Environments. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 1690-1698	10.3	21
4 <sup>16</sup>	Observing ozone chemistry in an occupied residence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	23
4 <sup>15</sup>	Wildfire smoke impacts on indoor air quality assessed using crowdsourced data in California. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	13
4 <sup>14</sup>	Varying humidity increases emission of volatile nitrogen-containing compounds from building materials. <i>Building and Environment</i> , <b>2021</b> , 205, 108290	6.5	0
4 <sup>13</sup>	Influence of Dynamic Ozone Dry Deposition on Ozone Pollution. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2020</b> , 125, e2020JD032398	4.4	19
4 <sup>12</sup>	Surface Emissions Modulate Indoor SVOC Concentrations through Volatility-Dependent Partitioning. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 6751-6760	10.3	22
4 <sup>11</sup>	Indoor Particulate Matter during HOMEChem: Concentrations, Size Distributions, and Exposures. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 7107-7116	10.3	64
4 <sup>10</sup>	Water-soluble iron emitted from vehicle exhaust is linked to primary speciated organic compounds. <i>Atmospheric Chemistry and Physics</i> , <b>2020</b> , 20, 1849-1860	6.8	6
4 <sup>09</sup>	Surface reservoirs dominate dynamic gas-surface partitioning of many indoor air constituents. <i>Science Advances</i> , <b>2020</b> , 6, eaay8973	14.3	62
4 <sup>08</sup>	Resolving ambient organic aerosol formation and aging pathways with simultaneous molecular composition and volatility observations. <i>ACS Earth and Space Chemistry</i> , <b>2020</b> , 4, 391-402	3.2	8
4 <sup>07</sup>	Multiphase Chemistry Controls Inorganic Chlorinated and Nitrogenated Compounds in Indoor Air during Bleach Cleaning. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 1730-1739	10.3	49
4 <sup>06</sup>	Natural and Anthropogenically Influenced Isoprene Oxidation in Southeastern United States and Central Amazon. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 5980-5991	10.3	13
4 <sup>05</sup>	Predicting secondary organic aerosol phase state and viscosity and its effect on multiphase chemistry in a regional-scale air quality model. <i>Atmospheric Chemistry and Physics</i> , <b>2020</b> , 20, 8201-8225	6.8	18
4 <sup>04</sup>	The FLUXNET2015 dataset and the ONEFlux processing pipeline for eddy covariance data. <i>Scientific Data</i> , <b>2020</b> , 7, 225	8.2	256
4 <sup>03</sup>	Contrasting Reactive Organic Carbon Observations in the Southeast United States (SOAS) and Southern California (CalNex). <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 14923-14935	10.3	3
4 <sup>02</sup>	Hourly measurements of organic molecular markers in urban Shanghai, China: Observation of enhanced formation of secondary organic aerosol during particulate matter episodic periods. <i>Atmospheric Environment</i> , <b>2020</b> , 240, 117807	5.3	11
4 <sup>01</sup>	Surface Wetness as an Unexpected Control on Forest Exchange of Volatile Organic Acids. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL088745	4.9	7
4 <sup>00</sup>	Hourly Measurements of Organic Molecular Markers in Urban Shanghai, China: Primary Organic Aerosol Source Identification and Observation of Cooking Aerosol Aging. <i>ACS Earth and Space Chemistry</i> , <b>2020</b> , 4, 1670-1685	3.2	17

399	In Situ Measurements of Molecular Markers Facilitate Understanding of Dynamic Sources of Atmospheric Organic Aerosols. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 11058-11069	10.3	8
398	Dark Chemistry during Bleach Cleaning Enhances Oxidation of Organics and Secondary Organic Aerosol Production Indoors. <i>Environmental Science and Technology Letters</i> , <b>2020</b> , 7, 795-801	11	13
397	Modeling the Time-Dependent Concentrations of Primary and Secondary Reaction Products of Ozone with Squalene in a University Classroom. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 8262-8270	10.3	23
396	Observations and Contributions of Real-Time Indoor Ammonia Concentrations during HOMEChem. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 8591-8598	10.3	34
395	Increasing Isoprene Epoxydiol-to-Inorganic Sulfate Aerosol Ratio Results in Extensive Conversion of Inorganic Sulfate to Organosulfur Forms: Implications for Aerosol Physicochemical Properties. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 8682-8694	10.3	71
394	Characterizing Airborne Phthalate Concentrations and Dynamics in a Normally Occupied Residence. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 7337-7346	10.3	32
393	Sources and dynamics of semivolatile organic compounds in a single-family residence in northern California. <i>Indoor Air</i> , <b>2019</b> , 29, 645-655	5.4	40
392	Characterizing sources and emissions of volatile organic compounds in a northern California residence using space- and time-resolved measurements. <i>Indoor Air</i> , <b>2019</b> , 29, 630-644	5.4	49
391	Urban pollution greatly enhances formation of natural aerosols over the Amazon rainforest. <i>Nature Communications</i> , <b>2019</b> , 10, 1046	17.4	72
390	Impact of Air Pollution Controls on Radiation Fog Frequency in the Central Valley of California. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2019</b> , 124, 5889	4.4	7
389	Speciated and total emission factors of particulate organics from burning western US wildland fuels and their dependence on combustion efficiency. <i>Atmospheric Chemistry and Physics</i> , <b>2019</b> , 19, 1013-1026	6.8	47
388	Importance of biogenic volatile organic compounds to acyl peroxy nitrates (APN) production in the southeastern US during SOAS 2013. <i>Atmospheric Chemistry and Physics</i> , <b>2019</b> , 19, 1867-1880	6.8	7
387	Overview of HOMEChem: House Observations of Microbial and Environmental Chemistry. <i>Environmental Sciences: Processes and Impacts</i> , <b>2019</b> , 21, 1280-1300	4.3	92
386	Contributions of biomass-burning, urban, and biogenic emissions to the concentrations and light-absorbing properties of particulate matter in central Amazonia during the dry season. <i>Atmospheric Chemistry and Physics</i> , <b>2019</b> , 19, 7973-8001	6.8	19
385	Highly Speciated Measurements of Terpenoids Emitted from Laboratory and Mixed-Conifer Forest Prescribed Fires. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 9418-9428	10.3	15
384	Heterogeneous Ozonolysis of Squalene: Gas-Phase Products Depend on Water Vapor Concentration. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 14441-14448	10.3	29
383	Detailed Speciation of Intermediate Volatility and Semivolatile Organic Compound Emissions from Gasoline Vehicles: Effects of Cold-Starts and Implications for Secondary Organic Aerosol Formation. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 1706-1714	10.3	39
382	Chemical evolution of atmospheric organic carbon over multiple generations of oxidation. <i>Nature Chemistry</i> , <b>2018</b> , 10, 462-468	17.6	58

381	Detailed investigation of ventilation rates and airflow patterns in a northern California residence. <i>Indoor Air</i> , <b>2018</b> , 28, 572-584	5.4	36
380	Effects of temperature-dependent NO <sub>x</sub> emissions on continental ozone production. <i>Atmospheric Chemistry and Physics</i> , <b>2018</b> , 18, 2601-2614	6.8	33
379	Secondary organic aerosol formation from ambient air in an oxidation flow reactor in central Amazonia. <i>Atmospheric Chemistry and Physics</i> , <b>2018</b> , 18, 467-493	6.8	49
378	Fluorescent biological aerosol particles: Concentrations, emissions, and exposures in a northern California residence. <i>Indoor Air</i> , <b>2018</b> , 28, 559-571	5.4	16
377	Isoprene photo-oxidation products quantify the effect of pollution on hydroxyl radicals over Amazonia. <i>Science Advances</i> , <b>2018</b> , 4, eaar2547	14.3	19
376	Quantification of isomerically summed hydrocarbon contributions to crude oil by carbon number, double bond equivalent, and aromaticity using gas chromatography with tunable vacuum ultraviolet ionization. <i>Analyst, The</i> , <b>2018</b> , 143, 1396-1405	5	7
375	Monoterpenes are the largest source of summertime organic aerosol in the southeastern United States. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 2038-2043	11.5	117
374	Volatile chemical products emerging as largest petrochemical source of urban organic emissions. <i>Science</i> , <b>2018</b> , 359, 760-764	33.3	421
373	Comprehensive Analysis of Changes in Crude Oil Chemical Composition during Biosouring and Treatments. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 1290-1300	10.3	10
372	Synthesis of the Southeast Atmosphere Studies: Investigating Fundamental Atmospheric Chemistry Questions. <i>Bulletin of the American Meteorological Society</i> , <b>2018</b> , 99, 547-567	6.1	50
371	Coupling of organic and inorganic aerosol systems and the effect on gas-particle partitioning in the southeastern US. <i>Atmospheric Chemistry and Physics</i> , <b>2018</b> , 18, 357-370	6.8	48
370	Urban influence on the concentration and composition of submicron particulate matter in central Amazonia. <i>Atmospheric Chemistry and Physics</i> , <b>2018</b> , 18, 12185-12206	6.8	22
369	Multiphase Mechanism for the Production of Sulfuric Acid from SO <sub>2</sub> by Criegee Intermediates Formed During the Heterogeneous Reaction of Ozone with Squalene. <i>Journal of Physical Chemistry Letters</i> , <b>2018</b> , 9, 3504-3510	6.4	12
368	Observations of sesquiterpenes and their oxidation products in central Amazonia during the wet and dry seasons. <i>Atmospheric Chemistry and Physics</i> , <b>2018</b> , 18, 10433-10457	6.8	2
367	Intercomparison of OH and OH reactivity measurements in a high isoprene and low NO environment during the Southern Oxidant and Aerosol Study (SOAS). <i>Atmospheric Environment</i> , <b>2018</b> , 174, 227-236	5.3	18
366	Measurements of I/SVOCs in biomass-burning smoke using solid-phase extraction disks and two-dimensional gas chromatography. <i>Atmospheric Chemistry and Physics</i> , <b>2018</b> , 18, 17801-17817	6.8	26
365	Organosulfates in aerosols downwind of an urban region in central Amazon. <i>Environmental Sciences: Processes and Impacts</i> , <b>2018</b> , 20, 1546-1558	4.3	32
364	Speciated and total emission factors of particulate organics from burning western U.S. wildland fuels and their dependence on combustion efficiency <b>2018</b> ,		1

363	Urban influence on the concentration and composition of submicron particulate matter in central Amazonia <b>2018</b> ,		1
362	Observations of sesquiterpenes and their oxidation products in central Amazonia during the wet and dry seasons <b>2018</b> ,		1
361	Synthetic ozone deposition and stomatal uptake at flux tower sites. <i>Biogeosciences</i> , <b>2018</b> , 15, 5395-5413	4.6	14
360	Observations of sesquiterpenes and their oxidation products in central Amazonia during the wet and dry seasons. <i>Atmospheric Chemistry and Physics</i> , <b>2018</b> , 18, 10433-10457	6.8	29
359	Measurement of NO <sub>3</sub> and N <sub>2</sub> O <sub>5</sub> in a Residential Kitchen. <i>Environmental Science and Technology Letters</i> , <b>2018</b> , 5, 595-599	11	34
358	High Hydroquinone Emissions from Burning Manzanita. <i>Environmental Science and Technology Letters</i> , <b>2018</b> , 5, 309-314	11	5
357	Emission Factors of Microbial Volatile Organic Compounds from Environmental Bacteria and Fungi. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 8272-8282	10.3	43
356	Evolution of the chemical fingerprint of biomass burning organic aerosol during aging. <i>Atmospheric Chemistry and Physics</i> , <b>2018</b> , 18, 7607-7624	6.8	49
355	Comparative genomics of <i>Mortierella elongata</i> and its bacterial endosymbiont <i>Mycoavidus cysteinexigens</i> . <i>Environmental Microbiology</i> , <b>2017</b> , 19, 2964-2983	5.2	98
354	VOC emission rates over London and South East England obtained by airborne eddy covariance. <i>Faraday Discussions</i> , <b>2017</b> , 200, 599-620	3.6	17
353	Comparison of Gasoline Direct-Injection (GDI) and Port Fuel Injection (PFI) Vehicle Emissions: Emission Certification Standards, Cold-Start, Secondary Organic Aerosol Formation Potential, and Potential Climate Impacts. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 6542-6552	10.3	132
352	Field intercomparison of the gas/particle partitioning of oxygenated organics during the Southern Oxidant and Aerosol Study (SOAS) in 2013. <i>Aerosol Science and Technology</i> , <b>2017</b> , 51, 30-56	3.4	31
351	Improved molecular level identification of organic compounds using comprehensive two-dimensional chromatography, dual ionization energies and high resolution mass spectrometry. <i>Analyst, The</i> , <b>2017</b> , 142, 2395-2403	5	25
350	Using advanced mass spectrometry techniques to fully characterize atmospheric organic carbon: current capabilities and remaining gaps. <i>Faraday Discussions</i> , <b>2017</b> , 200, 579-598	3.6	28
349	Airborne measurements of isoprene and monoterpene emissions from southeastern U.S. forests. <i>Science of the Total Environment</i> , <b>2017</b> , 595, 149-158	10.2	11
348	Characterizing Semivolatile Organic Compounds of Biocrude from Hydrothermal Liquefaction of Biomass. <i>Energy &amp; Fuels</i> , <b>2017</b> , 31, 4122-4134	4.1	38
347	Review of Urban Secondary Organic Aerosol Formation from Gasoline and Diesel Motor Vehicle Emissions. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 1074-1093	10.3	229
346	Molecular Characterization of Organosulfur Compounds in Biodiesel and Diesel Fuel Secondary Organic Aerosol. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 119-127	10.3	48

345	Microbes and associated soluble and volatile chemicals on periodically wet household surfaces. <i>Microbiome</i> , <b>2017</b> , 5, 128	16.6	34
344	Comprehensive characterization of atmospheric organic carbon at a forested site. <i>Nature Geoscience</i> , <b>2017</b> , 10, 748-753	18.3	49
343	Automated single-ion peak fitting as an efficient approach for analyzing complex chromatographic data. <i>Journal of Chromatography A</i> , <b>2017</b> , 1529, 81-92	4.5	24
342	Reducing secondary organic aerosol formation from gasoline vehicle exhaust. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 6984-6989	11.5	73
341	The Green Ocean Amazon Experiment (GoAmazon2014/5) Observes Pollution Affecting Gases, Aerosols, Clouds, and Rainfall over the Rain Forest. <i>Bulletin of the American Meteorological Society</i> , <b>2017</b> , 98, 981-997	6.1	94
340	On the implications of aerosol liquid water and phase separation for organic aerosol mass. <i>Atmospheric Chemistry and Physics</i> , <b>2017</b> , 17, 343-369	6.8	122
339	Influence of urban pollution on the production of organic particulate matter from isoprene epoxydiols in central Amazonia. <i>Atmospheric Chemistry and Physics</i> , <b>2017</b> , 17, 6611-6629	6.8	40
338	Qualitative and quantitative analysis of atmospheric organosulfates in Centreville, Alabama. <i>Atmospheric Chemistry and Physics</i> , <b>2017</b> , 17, 1343-1359	6.8	56
337	Evaluating the impact of new observational constraints on P-S/IVOC emissions, multi-generation oxidation, and chamber wall losses on SOA modeling for Los Angeles, CA. <i>Atmospheric Chemistry and Physics</i> , <b>2017</b> , 17, 9237-9259	6.8	29
336	Recent advances in understanding secondary organic aerosol: Implications for global climate forcing. <i>Reviews of Geophysics</i> , <b>2017</b> , 55, 509-559	23.1	359
335	Influence of urban pollution on the production of organic particulate matter from isoprene epoxydiols in central Amazonia <b>2016</b> ,		3
334	Ambient Gas-Particle Partitioning of Tracers for Biogenic Oxidation. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 9952-62	10.3	54
333	LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. <i>Astrophysical Journal Letters</i> , <b>2016</b> , 826, L13	7.9	183
332	Volatile Organic Compound Emissions from Humans Indoors. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 12686-12694	10.3	133
331	Introduction: Observations and Modeling of the Green Ocean Amazon (GoAmazon2014/5). <i>Atmospheric Chemistry and Physics</i> , <b>2016</b> , 16, 4785-4797	6.8	162
330	Evaluation of regional isoprene emission factors and modeled fluxes in California. <i>Atmospheric Chemistry and Physics</i> , <b>2016</b> , 16, 9611-9628	6.8	12
329	Volatility and lifetime against OH heterogeneous reaction of ambient isoprene-epoxydiols-derived secondary organic aerosol (IEPOX-SOA). <i>Atmospheric Chemistry and Physics</i> , <b>2016</b> , 16, 11563-11580	6.8	60
328	Speciated measurements of semivolatile and intermediate volatility organic compounds (S/IVOCs) in a pine forest during BEACHON-RoMBAS 2011. <i>Atmospheric Chemistry and Physics</i> , <b>2016</b> , 16, 1187-1205	6.8	25

327	Organic nitrate chemistry and its implications for nitrogen budgets in an isoprene- and monoterpene-rich atmosphere: constraints from aircraft (SEACRS) and ground-based (SOAS) observations in the Southeast US. <i>Atmospheric Chemistry and Physics</i> , <b>2016</b> , 16, 5969-5991	6.8	129
326	The lifetime of nitrogen oxides in an isoprene-dominated forest. <i>Atmospheric Chemistry and Physics</i> , <b>2016</b> , 16, 7623-7637	6.8	49
325	Understanding isoprene photooxidation using observations and modeling over a subtropical forest in the southeastern US. <i>Atmospheric Chemistry and Physics</i> , <b>2016</b> , 16, 7725-7741	6.8	18
324	Speciation of OH reactivity above the canopy of an isoprene-dominated forest. <i>Atmospheric Chemistry and Physics</i> , <b>2016</b> , 16, 9349-9359	6.8	47
323	Sulfur Dioxide Accelerates the Heterogeneous Oxidation Rate of Organic Aerosol by Hydroxyl Radicals. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 3554-61	10.3	28
322	Atmospheric fates of Criegee intermediates in the ozonolysis of isoprene. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 10241-54	3.6	130
321	Spatially resolved flux measurements of NO <sub>x</sub> from London suggest significantly higher emissions than predicted by inventories. <i>Faraday Discussions</i> , <b>2016</b> , 189, 455-72	3.6	33
320	Highly functionalized organic nitrates in the southeast United States: Contribution to secondary organic aerosol and reactive nitrogen budgets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 1516-21	11.5	195
319	Recent Discoveries and Future Challenges in Atmospheric Organic Chemistry. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 2754-64	10.3	120
318	Evaluation of regional isoprene emission factors and modeled fluxes in California <b>2016</b> ,		1
317	Sensitive detection of $\alpha$ -alkanes using a mixed ionization mode proton-transfer-reaction mass spectrometer. <i>Atmospheric Measurement Techniques</i> , <b>2016</b> , 9, 5315-5329	4	18
316	Speciation of OH reactivity above the canopy of an isoprene-dominated forest <b>2016</b> ,		2
315	Organic nitrate chemistry and its implications for nitrogen budgets in an isoprene- and monoterpene-rich atmosphere: constraints from aircraft (SEACRS) and ground-based (SOAS) observations in the Southeast US <b>2016</b> ,		3
314	Organic and inorganic decomposition products from the thermal desorption of atmospheric particles. <i>Atmospheric Measurement Techniques</i> , <b>2016</b> , 9, 1569-1586	4	10
313	A technique for rapid source apportionment applied to ambient organic aerosol measurements from a thermal desorption aerosol gas chromatograph (TAG). <i>Atmospheric Measurement Techniques</i> , <b>2016</b> , 9, 5637-5653	4	7
312	The Lifetime of Nitrogen Oxides in an Isoprene Dominated Forest <b>2016</b> ,		1
311	Ozone production chemistry in the presence of urban plumes. <i>Faraday Discussions</i> , <b>2016</b> , 189, 169-89	3.6	37
310	Time Resolved Measurements of Speciated Tailpipe Emissions from Motor Vehicles: Trends with Emission Control Technology, Cold Start Effects, and Speciation. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 13592-13599	10.3	33

309	Isoprene suppression of new particle formation: Potential mechanisms and implications. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2016</b> , 121, 14,621	4.4	26
308	Isoprene photochemistry over the Amazon rainforest. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 6125-30	11.5	63
307	Testing Atmospheric Oxidation in an Alabama Forest. <i>Journals of the Atmospheric Sciences</i> , <b>2016</b> , 73, 4699-4710	2.1	42
306	Ethylene glycol emissions from on-road vehicles. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 3322-33	2.3	4
305	Atmospheric benzenoid emissions from plants rival those from fossil fuels. <i>Scientific Reports</i> , <b>2015</b> , 5, 12064	4.9	79
304	Long-term trends in California mobile source emissions and ambient concentrations of black carbon and organic aerosol. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 5178-88	10.3	78
303	Siloxanes Are the Most Abundant Volatile Organic Compound Emitted from Engineering Students in a Classroom. <i>Environmental Science and Technology Letters</i> , <b>2015</b> , 2, 303-307	11	88
302	An Atmospheric Constraint on the NO <sub>2</sub> Dependence of Daytime Near-Surface Nitrous Acid (HONO). <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 12774-81	10.3	23
301	Modeling comprehensive chemical composition of weathered oil following a marine spill to predict ozone and potential secondary aerosol formation and constrain transport pathways. <i>Journal of Geophysical Research: Oceans</i> , <b>2015</b> , 120, 7300-7315	3.3	19
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