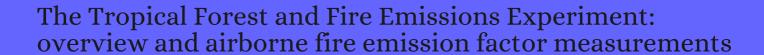
CITATION REPORT List of articles citing



DOI: 10.5194/acp-7-5175-2007 Atmospheric Chemistry and Physics, 2007, 7, 5175-5196.

Source: https://exaly.com/paper-pdf/41817363/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
203	The Tropical Forest and Fire Emissions Experiment: overview and airborne fire emission factor measurements. <i>Atmospheric Chemistry and Physics</i> , 2007 , 7, 5175-5196	6.8	187
202	Emissions from forest fires near Mexico City. Atmospheric Chemistry and Physics, 2007, 7, 5569-5584	6.8	183
201	The Tropical Forest and Fire Emissions Experiment: method evaluation of volatile organic compound emissions measured by PTR-MS, FTIR, and GC from tropical biomass burning. <i>Atmospheric Chemistry and Physics</i> , 2007 , 7, 5883-5897	6.8	153
200	Residential wood burning in an Alpine valley as a source for oxygenated volatile organic compounds, hydrocarbons and organic acids. 2008 , 42, 8278-8287		50
199	Chapter 4 Chemical Composition of Wildland Fire Emissions. 2008 , 8, 79-107		69
198	The tropical forest and fire emissions experiment: laboratory fire measurements and synthesis of campaign data. <i>Atmospheric Chemistry and Physics</i> , 2008 , 8, 3509-3527	6.8	192
197	African CO emissions between years 2000 and 2006 as estimated from MOPITT observations. 2009 , 6, 103-111		51
196	Atmospheric degradation of alkylfurans with chlorine atoms: Product and mechanistic study. 2009 , 43, 2804-2813		25
195	Proton-transfer reaction mass spectrometry. 2009 , 109, 861-96		509
194	Emissions of trace gases and aerosols during the open combustion of biomass in the laboratory. 2009 , 114,		297
193	Biomass Burning in Amazonia: Emissions, Long-Range Transport of Smoke and Its Regional and Remote Impacts. 2009 , 183-206		21
192	Modeling the Regional and Remote Climatic Impact of Deforestation. 2009, 233-250		15
191	Emissions of volatile organic compounds inferred from airborne flux measurements over a megacity. <i>Atmospheric Chemistry and Physics</i> , 2009 , 9, 271-285	6.8	99
190	On inferring isoprene emission surface flux from atmospheric boundary layer concentration measurements. <i>Atmospheric Chemistry and Physics</i> , 2009 , 9, 3629-3640	6.8	40
189	Rapid formation of isoprene photo-oxidation products observed in Amazonia. <i>Atmospheric Chemistry and Physics</i> , 2009 , 9, 7753-7767	6.8	127
188	Biomass burning and urban air pollution over the Central Mexican Plateau. <i>Atmospheric Chemistry and Physics</i> , 2009 , 9, 4929-4944	6.8	119
187	Emissions from biomass burning in the Yucatan. <i>Atmospheric Chemistry and Physics</i> , 2009 , 9, 5785-5812	6.8	358

(2011-2009)

186	Aerosol Particles in Amazonia: Their Composition, Role in the Radiation Balance, Cloud Formation, and Nutrient Cycles. 2009 , 207-232		22
185	Biomass burning aerosol emissions from vegetation fires: particle number and mass emission factors and size distributions. <i>Atmospheric Chemistry and Physics</i> , 2010 , 10, 1427-1439	6.8	191
184	Laboratory measurements of trace gas emissions from biomass burning of fuel types from the southeastern and southwestern United States. <i>Atmospheric Chemistry and Physics</i> , 2010 , 10, 11115-111	зб ^{.8}	173
183	Estimates of biomass burning emissions in tropical Asia based on satellite-derived data. <i>Atmospheric Chemistry and Physics</i> , 2010 , 10, 2335-2351	6.8	98
182	Characterization of a large biogenic secondary organic aerosol event from eastern Canadian forests. <i>Atmospheric Chemistry and Physics</i> , 2010 , 10, 2825-2845	6.8	141
181	Potential effects of particulate matter from combustion during services on human health and on works of art in medieval churches in Cyprus. 2010 , 158, 2946-53		18
180	An infrared spectral database for detection of gases emitted by biomass burning. 2010 , 53, 97-102		65
179	Direct homogeneous nucleation of NO2, H2O, and NH3 for the production of ammonium nitrate particles and HONO gas. 2010 , 489, 143-147		29
178	Measurement of HONO, HNCO, and other inorganic acids by negative-ion proton-transfer chemical-ionization mass spectrometry (NI-PT-CIMS): application to biomass burning emissions. 2010 , 3, 981-990		131
177	Eddy covariance flux measurements of ammonia by electron transfer reaction-mass spectrometry. 2010 ,		
176	Development and validation of a portable gas phase standard generation and calibration system for volatile organic compounds. 2010 , 3, 683-691		53
175	Photoisomerization and photochemistry of matrix-isolated 3-furaldehyde. 2010 , 114, 12427-36		23
174	Measurements of gas-phase inorganic and organic acids from biomass fires by negative-ion proton-transfer chemical-ionization mass spectrometry. 2010 , 115,		138
173	Sources and properties of Amazonian aerosol particles. 2010 , 48,		237
172	Can a Btate of the artithemistry transport model simulate Amazonian tropospheric chemistry?. 2011 , 116,		43
171	Forest natural regeneration and biomass production after slash and burn in a seasonally dry forest in the Southern Brazilian Amazon. 2011 , 261, 1490-1498		47
170	Spatial and temporal variability in the ratio of trace gases emitted from biomass burning. <i>Atmospheric Chemistry and Physics</i> , 2011 , 11, 3611-3629	6.8	89
169	Emission factors for open and domestic biomass burning for use in atmospheric models. Atmospheric Chemistry and Physics, 2011 , 11, 4039-4072	6.8	1136

168	Boreal forest fire emissions in fresh Canadian smoke plumes: C ₁ -C ₁₀ volatile organic compounds (VOCs), CO ₂ , CO, NO ₂ , NO, HCN and	6.8	178
167	CH ₃ CN. Atmospheric Chemistry and Physics, 2011, 11, 6445-6463 Trace gas and particle emissions from open biomass burning in Mexico. Atmospheric Chemistry and Physics, 2011, 11, 6787-6808	6.8	102
166	ACE-FTS measurements of trace species in the characterization of biomass burning plumes. <i>Atmospheric Chemistry and Physics</i> , 2011 , 11, 12169-12179	6.8	31
165	Airborne and ground-based measurements of the trace gases and particles emitted by prescribed fires in the United States. <i>Atmospheric Chemistry and Physics</i> , 2011 , 11, 12197-12216	6.8	113
164	Observations of nonmethane organic compounds during ARCTAS Part 1: Biomass burning emissions and plume enhancements. <i>Atmospheric Chemistry and Physics</i> , 2011 , 11, 11103-11130	6.8	70
163	Estimation of the influence that natural fires have on air pollution in the region of Moscow megalopolis based on the combined use of chemical transport model and measurement data. 2011 , 47, 457-467		4
162	Determining contributions of biomass burning and other sources to fine particle contemporary carbon in the western United States. 2011 , 45, 1986-1993		42
161	Laboratory evaluation of Amazon forest biomass burning emissions. 2011 , 45, 7455-7461		28
160	VOC identification and inter-comparison from laboratory biomass burning using PTR-MS and PIT-MS. 2011 , 303, 6-14		105
159	Eddy covariance flux measurements of ammonia by high temperature chemical ionisation mass spectrometry. 2011 , 4, 599-616		51
158	Estimated global mortality attributable to smoke from landscape fires. 2012 , 120, 695-701		398
157	Evolution of trace gases and particles emitted by a chaparral fire in California. <i>Atmospheric Chemistry and Physics</i> , 2012 , 12, 1397-1421	6.8	247
156	Summertime total OH reactivity measurements from boreal forest during HUMPPA-COPEC 2010. <i>Atmospheric Chemistry and Physics</i> , 2012 , 12, 8257-8270	6.8	103
155	Case study of the diurnal variability of chemically active species with respect to boundary layer dynamics during DOMINO. <i>Atmospheric Chemistry and Physics</i> , 2012 , 12, 5329-5341	6.8	28
154	Proton Transfer Reaction Mass Spectrometry (PTR-MS). 2012 , 605-630		2
153	Upcoming and prospective fire monitoring missions based on the heritage of the BIRD (bi-spectral infrared detection) satellite. 2012 ,		2
152	Characterizing the aging of biomass burning organic aerosol by use of mixing ratios: a meta-analysis of four regions. 2012 , 46, 13093-102		93
151	Methane airborne measurements and comparison to global models during BARCA. 2012 , 117, n/a-n/a		45

150	Rotational spectroscopy of 2-methylfuran from 8.7 to 960GHz. 2012 , 280, 27-33	16
149	Pre-Harvest Sugarcane Burning: Determination of Emission Factors through Laboratory Measurements. 2012 , 3, 164-180	48
148	Ozone production from wildfires: A critical review. 2012 , 51, 1-10	311
147	Wildfire and the atmosphere: Modelling the chemical and dynamic interactions at the regional scale. 2012 , 51, 234-249	26
146	Atmospheric fate of a series of furanaldehydes by their NO3 reactions. 2012 , 54, 177-184	20
145	Nanoparticle emissions from 11 non-vehicle exhaust sources 🖪 review. 2013 , 67, 252-277	229
144	Characteristics of fire-generated gas emission observed during a large peatland fire in 2009 at Kalimantan, Indonesia. 2013 , 74, 177-181	16
143	VOC emissions of smouldering combustion from Mediterranean wildfires in central Portugal. 2013 , 64, 339-348	38
142	Influence of specimen size, tray inclination and air flow rate on the emission of gases from biomass combustion. 2013 , 74, 52-59	9
141	Emission factors from aerial and ground measurements of field and laboratory forest burns in the southeastern US: PM2.5, black and brown carbon, VOC, and PCDD/PCDF. 2013 , 47, 8443-52	36
140	From BASE-ASIA toward 7-SEAS: A satellite-surface perspective of boreal spring biomass-burning aerosols and clouds in Southeast Asia. 2013 , 78, 20-34	49
139	Coupling field and laboratory measurements to estimate the emission factors of identified and unidentified trace gases for prescribed fires. <i>Atmospheric Chemistry and Physics</i> , 2013 , 13, 89-116	203
138	Airborne hydrogen cyanide measurements using a chemical ionisation mass spectrometer for the plume identification of biomass burning forest fires. <i>Atmospheric Chemistry and Physics</i> , 2013 , 13, 9217-9232	45
137	Measurements of reactive trace gases and variable O₃ formation rates in some South Carolina biomass burning plumes. <i>Atmospheric Chemistry and Physics</i> , 2013 , 13, 1141-1165	135
136	Combustion efficiency and emission factors for wildfire-season fires in mixed conifer forests of the northern Rocky Mountains, US. <i>Atmospheric Chemistry and Physics</i> , 2013 , 13, 7241-7262	65
135	Biomass burning fuel consumption rates: a field measurement database. 2014 , 11, 7305-7329	95
134	Quantification of volatile organic compounds in smoke from prescribed burning and comparison with occupational exposure limits. 2014 , 14, 1049-1057	13
133	Emissions of nonmethane volatile organic compounds from open crop residue burning in the Yangtze River Delta region, China. 2014 , 119, 7684-7698	37

132	Emissions of fine particle fluoride from biomass burning. 2014 , 48, 12636-44		49
131	Several fungi from fire-prone forests of southern India can utilize furaldehydes. 2014 , 13, 1049		13
130	Wildland fire emissions, carbon, and climate: Emission factors. 2014 , 317, 51-60		126
129	Organic aerosol emission ratios from the laboratory combustion of biomass fuels. 2014 , 119, 12,850-12,	871	26
128	Night-Time Atmospheric Reactivity of Some Oxygenated Organic Compounds. 2014, 105-134		
127	New emission factors for Australian vegetation fires measured using open-path Fourier transform infrared spectroscopy IPart 1: Methods and Australian temperate forest fires. <i>Atmospheric Chemistry and Physics</i> , 2014 , 14, 11313-11333	6.8	44
126	Satellite observations indicate substantial spatiotemporal variability in biomass burning NO_x emission factors for South America. <i>Atmospheric Chemistry and Physics</i> , 2014 , 14, 3929-3943	6.8	52
125	Trace gas emissions from combustion of peat, crop residue, domestic biofuels, grasses, and other fuels: configuration and Fourier transform infrared (FTIR) component of the fourth Fire Lab at Missoula Experiment (FLAME-4). <i>Atmospheric Chemistry and Physics</i> , 2014 , 14, 9727-9754	6.8	142
124	Revealing important nocturnal and day-to-day variations in fire smoke emissions through a multiplatform inversion. 2015 , 42, 3609-3618		54
123	Upper tropospheric ozone production from lightning NOx-impacted convection: Smoke ingestion case study from the DC3 campaign. 2015 , 120, 2505-2523		68
122	Acrylonitrile. 2015 , 741-754		1
121	Characterization of biomass burning emissions from cooking fires, peat, crop residue, and other fuels with high-resolution proton-transfer-reaction time-of-flight mass spectrometry. <i>Atmospheric Chemistry and Physics</i> , 2015 , 15, 845-865	6.8	192
120	The Greenhouse Gas Balance of Italy. 2015 ,		3
119	Measurement matters in managing landscape carbon. 2015 , 13, 6-15		10
118	Emissions from southeastern U.S. Grasslands and pine savannas: Comparison of aerial and ground field measurements with laboratory burns. 2015 , 111, 170-178		38
117	Biomass burning at Cape Grim: exploring photochemistry using multi-scale modelling. 2016,		
116	A broadband cavity enhanced absorption spectrometer for aircraft measurements of glyoxal, methylglyoxal, nitrous acid, nitrogen dioxide, and water vapor. 2016 , 9, 423-440		66
115	Shale Gas Production and Atmospheric Ethane. 2016 ,		

(2017-2016)

114	Nepal Ambient Monitoring and Source Testing Experiment (NAMaSTE): Emissions of trace gases and light-absorbing carbon from wood and dung cooking fires, garbage and crop residue burning, brick kilns, and other sources. 2016 ,		2
113	Multi-pollutants emissions from the burning of major agricultural residues in China and the related health-economic effect assessment. 2016 ,		
112	Seasonality and interannual variability of CH fluxes from the eastern Amazon Basin inferred from atmospheric mole fraction profiles. 2016 , 121, 168-184		19
111	HONO emission and production determined from airborne measurements over the Southeast U.S 2016 , 121, 9237-9250		34
110	Nepal Ambient Monitoring and Source Testing Experiment (NAMaSTE): emissions of trace gases and light-absorbing carbon from wood and dung cooking fires, garbage and crop residue burning, brick kilns, and other sources. <i>Atmospheric Chemistry and Physics</i> , 2016 , 16, 11043-11081	6.8	93
109	Agricultural fires in the southeastern U.S. during SEAC4RS: Emissions of trace gases and particles and evolution of ozone, reactive nitrogen, and organic aerosol. 2016 , 121, 7383-7414		71
108	Tropical Peatland Ecosystems. 2016 ,		31
107	Impact of the New South Wales fires during October 2013 on regional air quality in eastern Australia. 2016 , 131, 150-163		26
106	Methane and Nitrous Oxide Emissions from Tropical Peat Soil. 2016 , 339-351		4
105	Investigating dominant characteristics of fires across the Amazon during 2005 2 014 through satellite data synthesis of combustion signatures. 2017 , 122, 1224-1245		13
104	Photolysis of Particulate Nitrate as a Source of HONO and NO. 2017 , 51, 6849-6856		83
103	Emission factors of trace gases and particles from tropical savanna fires in Australia. 2017 , 122, 6059-60	074	21
102	Quantitative Infrared Absorption Spectra and Vibrational Assignments of Crotonaldehyde and Methyl Vinyl Ketone Using Gas-Phase Mid-Infrared, Far-Infrared, and Liquid Raman Spectra: s-cis vs s-trans Composition Confirmed via Temperature Studies and ab Initio Methods. 2017 , 121, 1195-1212		20
101	Comparison of ultraviolet absorbance and NO-chemiluminescence for ozone measurement in wildfire plumes at the Mount Bachelor Observatory. 2017 , 166, 224-233		9
100	Atmospheric Oxidation of Furan and Methyl-Substituted Furans Initiated by Hydroxyl Radicals. 2017 , 121, 9306-9319		20
99	Global and Brazilian Carbon Response to El Ni 0 Modoki 2011 0 010. 2017 , 4, 637-660		36
98	Long-path measurements of pollutants and micrometeorology over Highway 401 in Toronto. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 14119-14143	6.8	13
97	Biomass burning at Cape Grim: exploring photochemistry using multi-scale modelling. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 11707-11726	6.8	5

96	Multi-pollutant emissions from the burning of major agricultural residues in China and the related health-economic effects. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 4957-4988	6.8	34
95	Determination of enhancement ratios of HCOOH relative to CO in biomass burning plumes by the Infrared Atmospheric Sounding Interferometer (IASI). <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 1108	3 <u>6:</u> 8111	o \$
94	Near-field emission profiling of Rainforest and Cerrado fires in Brazil during SAMBBA 2012. 2017,		2
93	Possibility for an infrared sounder as IASI to document the HCOOH chemistry in biomass burning plumes. 2017 ,		
92	Global fire emissions estimates during 1997⊠016. 2017 , 9, 697-720		693
91	Emission factors of atmospheric and climatic pollutants from crop residues burning. 2018 , 68, 849-865		25
90	Aerosol optical properties and trace gas emissions by PAX and OP-FTIR for laboratory-simulated western US wildfires during FIREX. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 2929-2948	6.8	71
89	Identification and composition of conformational isomers and their cations in crotonaldehyde by VUV-MATI spectroscopy. 2018 , 20, 27162-27168		10
88	Assesment of PM2.5 emission from corn stover burning determining in chamber combustion. 2018 , 345, 012048		
87	Aircraft Observations of Aerosol in the Manaus Urban Plume and Surrounding Tropical Forest during GoAmazon 2014/15. 2018 ,		1
86	In-situ measurements of trace gases, PM, and aerosol optical properties during the 2017 NW US wildfire smoke event. 2018 ,		О
85	Characterisation of emission from open-field burning of crop residue during harvesting period in north-west India. 2018 , 190, 663		5
84	The vertical distribution of biomass burning pollution over tropical South America from aircraft in situ measurements during SAMBBA. 2018 ,		1
83	Atmospheric Oxidation Mechanism of Sabinene Initiated by the Hydroxyl Radicals. 2018 , 122, 8783-8793	3	3
82	Biomass burning emission disturbances of isoprene oxidation in a tropical forest. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 12715-12734	6.8	9
81	Gas-phase ozonolysis of furans, methylfurans, and dimethylfurans in the atmosphere. 2018 , 20, 24735-2	4743	3
80	Aircraft observations of the chemical composition and aging of aerosol in the Manaus urban plume during GoAmazon 2014/5. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 10773-10797	6.8	20
79	Particle and VOC emission factor measurements for anthropogenic sources in West Africa. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 7691-7708	6.8	30

78	Thermochemical Properties of PM2.5 as Indicator of Combustion Phase of Fires. 2018, 9, 230		2
77	New Tropical Peatland Gas and Particulate Emissions Factors Indicate 2015 Indonesian Fires Released Far More Particulate Matter (but Less Methane) than Current Inventories Imply. 2018 , 10, 495		25
76	Near-field emission profiling of tropical forest and Cerrado fires in Brazil during SAMBBA 2012. Atmospheric Chemistry and Physics, 2018 , 18, 5619-5638	5.8	14
75	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. Atmospheric Chemistry and Physics, 2019, 19, 7973-8001	5.8	19
74	Characterization of pollutants emitted during burning of eight main tree species in subtropical China. 2019 , 215, 116899		5
73	Volatile Organic Compound Emissions from Prescribed Burning in Tallgrass Prairie Ecosystems. 2019 , 10, 1-464		5
72	The vertical distribution of biomass burning pollution over tropical South America from aircraft in situ measurements during SAMBBA. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 5771-5790	5.8	16
71	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. 2019 ,		
70	Impacts of six potential HONO sources on HO budgets and SOA formation during a wintertime heavy haze period in the North China Plain. 2019 , 681, 110-123		26
69	Isoprene, Methyl Vinyl Ketone and Methacrolein from TROICA-12 Measurements and WRF-CHEM and GEOS-CHEM Simulations in the Far East Region. 2019 , 10, 152		4
68	Theoretical study on the atmospheric oxidation reaction of 2-furanaldehyde initiated by NO3 radicals. 2019 , 722, 50-57		1
67	In situ measurements of trace gases, PM, and aerosol optical properties during the 2017 NW US wildfire smoke event. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 3905-3926	5.8	29
66	Isotopic characterization of nitrogen oxides (NO_{<i>x</i>}), nitrous acid (HONO), and nitrate (<i>p</i>NO₃) from laboratory biomass burning during FIREX. 2019 , 12, 6303-6317		11
65	Biomass Burning Unlikely to Account for Missing Source of Carbonyl Sulfide. 2019 , 46, 14912-14920		16
64	The Externalities of a Deforestation Control Policy in Infant Health: Evidence from Brazil. 2019 , 67, 369-4	100	5
63	Unraveling electronic states and relaxation dynamics in ultraviolet excited crotonaldehyde via femtosecond time-resolved photoelectron imaging. 2020 , 739, 136918		
62	Aerosol Mass and Optical Properties, Smoke Influence on O3, and High NO3 Production Rates in a Western U.S. City Impacted by Wildfires. 2020 , 125, e2020JD032791		12
61	Volatile organic compounds and ozone at four national parks in the southwestern United States. 2020 , 239, 117783		6

60	High Temporal Resolution Satellite Observations of Fire Radiative Power Reveal Link Between Fire Behavior and Aerosol and Gas Emissions. 2020 , 47, e2020GL090707	11
59	Global nitrous acid emissions and levels of regional oxidants enhanced by wildfires. 2020 , 13, 681-686	25
58	Rate coefficients and product branching ratios for (E)-2-butenal + H reactions. 2020, 22, 14246-14254	1
57	Development and Evaluation of a Detailed Mechanism for Gas-Phase Atmospheric Reactions of Furans. 2020 , 4, 1254-1268	1
56	DIEGO: A Multispectral Thermal Mission for Earth Observation on the International Space Station. 2020 , 53, 28-38	5
55	An inter-comparative evaluation of PKU-FUEL global SO emission inventory. 2020 , 722, 137755	4
54	HONO Emissions from Western U.S. Wildfires Provide Dominant Radical Source in Fresh Wildfire Smoke. 2020 , 54, 5954-5963	26
53	Introductory lecture: air quality in megacities. 2021 , 226, 9-52	13
52	Quantifying fugitive gas emissions from an oil sands tailings pond with open-path Fourier transform infrared measurements. 2021 , 14, 945-959	6
51	Boreal forest fire CO and CH₄ emission factors derived from tower observations in Alaska during the extreme fire season of 2015. <i>Atmospheric Chemistry and Physics</i> , 6.8 2021 , 21, 8557-8574	3
50	Grazing in California's Mediterranean Multi-Firescapes. 2021 , 5,	2
49	Ambient volatile organic compounds in tropical environments: Potential sources, composition and impacts - A review. 2021 , 285, 131355	7
48	Emissions from Forest Fires: Methods of Estimation and National Results. 2015 , 87-102	2
47	Laboratory measurements of trace gas emissions from biomass burning of fuel types from the Southeastern and Southwestern United States.	5
46	Spatial and temporal variability in the ratio of trace gases emitted from biomass burning.	3
45	Emission factors for open and domestic biomass burning for use in atmospheric models.	28
44	Observations of volatile organic compounds during ARCTAS (Part 1: Biomass burning emissions and plume enhancements.	1
43	ACE-FTS measurements of trace species in the characterization of biomass burning plumes.	2

42	Airborne and ground-based measurements of the trace gases and particles emitted by prescribed fires in the United States.	5
41	Evolution of trace gases and particles emitted by a chaparral fire in California.	5
40	Trace gas and particle emissions from open biomass burning in Mexico.	5
39	Boreal forest fire emissions in fresh Canadian smoke plumes: C ₁ fL ₁₀ volatile organic compounds (VOCs), CO ₂ CO, NO ₂ , NO, HCN and	3
38	Coupling field and laboratory measurements to estimate the emission factors of identified and unidentified trace gases for prescribed fires.	2
37	Measurements of reactive trace gases and variable O ₃ formation rates in some South Carolina biomass burning plumes.	2
36	Study of the diurnal variability of atmospheric chemistry with respect to boundary layer dynamics during DOMINO.	2
35	Summertime total OH reactivity measurements from boreal forest during HUMPPA-COPEC 2010.	3
34	Satellite observations indicate substantial spatiotemporal variability in biomass burning NO _x emission factors for South America.	2
33	Combustion efficiency and emission factors for US wildfires.	2
32	Airborne hydrogen cyanide measurements using a chemical ionisation mass spectrometer for the	
	plume identification of biomass burning forest fires.	2
31		7
31	plume identification of biomass burning forest fires. Trace gas emissions from combustion of peat, crop residue, biofuels, grasses, and other fuels:	
	plume identification of biomass burning forest fires. Trace gas emissions from combustion of peat, crop residue, biofuels, grasses, and other fuels: configuration and FTIR component of the fourth Fire Lab at Missoula Experiment (FLAME-4). Characterization of biomass burning smoke from cooking fires, peat, crop residue and other fuels	7
30	plume identification of biomass burning forest fires. Trace gas emissions from combustion of peat, crop residue, biofuels, grasses, and other fuels: configuration and FTIR component of the fourth Fire Lab at Missoula Experiment (FLAME-4). Characterization of biomass burning smoke from cooking fires, peat, crop residue and other fuels with high resolution proton-transfer-reaction time-of-flight mass spectrometry. New emission factors for Australian vegetation fires measured using open-path Fourier transform	3
30	plume identification of biomass burning forest fires. Trace gas emissions from combustion of peat, crop residue, biofuels, grasses, and other fuels: configuration and FTIR component of the fourth Fire Lab at Missoula Experiment (FLAME-4). Characterization of biomass burning smoke from cooking fires, peat, crop residue and other fuels with high resolution proton-transfer-reaction time-of-flight mass spectrometry. New emission factors for Australian vegetation fires measured using open-path Fourier transform infrared spectroscopy [Part 1: methods and Australian temperate forest fires. The tropical forest and fire emissions experiment: laboratory fire measurements and synthesis of	7 3 2
30 29 28	Plume identification of biomass burning forest fires. Trace gas emissions from combustion of peat, crop residue, biofuels, grasses, and other fuels: configuration and FTIR component of the fourth Fire Lab at Missoula Experiment (FLAME-4). Characterization of biomass burning smoke from cooking fires, peat, crop residue and other fuels with high resolution proton-transfer-reaction time-of-flight mass spectrometry. New emission factors for Australian vegetation fires measured using open-path Fourier transform infrared spectroscopy (Part 1: methods and Australian temperate forest fires. The tropical forest and fire emissions experiment: laboratory fire measurements and synthesis of campaign data. Biomass burning aerosol emissions from vegetation fires: particle number and mass emission	7 3 2 11

24	Biomass burning and urban air pollution over the Central Mexican Plateau.	13
23	Emissions from biomass burning in the Yucatan.	3
22	Emissions relationships in western forest fire plumes Part 1: Reducing the effect of mixing errors on emission factors. 2020 , 13, 7069-7096	1
21	Measurement of HONO, HNCO, and other inorganic acids by negative-ion proton-transfer chemical-ionization mass spectrometry (NI-PT-CIMS): application to biomass burning emissions.	4
20	Development and validation of a portable gas phase standard generation and calibration system for volatile organic compounds.	4
19	A broadband cavity enhanced absorption spectrometer for aircraft measurements of glyoxal, methylglyoxal, nitrous acid, nitrogen dioxide, and water vapor.	2
18	Differences in the torsional anharmonicity between reactant and transition state: the case of 3-butenal + H abstraction reactions. 2021 , 23, 25414-25423	2
17	Analysis of how the spatial and temporal patterns of fire and their bioclimatic and anthropogenic drivers vary across the Amazon rainforest in El Niö and non-El Niö years. 2021 , 9, e12029	1
16	Emissions of volatile organic compounds inferred from airborne flux measurements over a megacity.	1
15	Exceptional emissions of NH ₃ and HCOOH in the 2010 Russian wildfires.	1
14	PTR-MS in the Environmental Sciences. 129-219	
13	High Temporal Resolution Satellite Observations of Fire Radiative Power Reveal Link Between Fire Behavior and Aerosol and Gas Emissions.	3
12	Nitrite/Nitrous Acid Generation from the Reaction of Nitrate and Fe(II) Promoted by Photolysis of Iron-Organic Complexes. 2021 , 55, 15715-15723	3
11	Organic aerosol compositions and source estimation by molecular tracers in Dushanbe, Tajikistan 2022 , 119055	
10	Trace gas emissions from laboratory combustion of leaves typically consumed in forest fires in Southwest China. 2022 , 157282	1
9	A quadcopter unmanned aerial system (UAS)-based methodology for measuring biomass burning emission factors. 2022 , 15, 4271-4294	
8	Hourly biomass burning emissions product from blended geostationary and polar-orbiting satellites for air quality forecasting applications. 2022 , 281, 113237	1
7	Reconciling the total carbon budget for boreal forest wildfire emissions using airborne observations. 2022 , 22, 12493-12523	O

CITATION REPORT

6	Theoretical Spectroscopic Study of Two Ketones of Atmospheric Interest: Methyl Glyoxal (CH3COCHO) and Methyl Vinyl Ketone (CH3COCH?CH2).	0
5	Rate Coefficients for the Gas-Phase Reactions of Nitrate Radicals with a Series of Furan Compounds.	О
4	Direct Detection of Acetonitrile at pptv Level with a Photoinduced Associative Ionization Time-of-Flight Mass Spectrometry.	O
3	Remote sensing of optical properties of smoke aerosols: simulation experiment and application based on spaceborne data. 2022 , 16,	O
2	Evaluating major anthropogenic VOC emission sources in densely populated Vietnamese cities 2022 , 120927	2
1	Influence of Wildfire on Urban Ozone: An Observationally Constrained Box Modeling Study at a Site in the Colorado Front Range.	O