

Eirh-Yu Hsie

List of Publications by Year in descending order

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27
papers

2,541
citations

304743

22
h-index

526287

27
g-index

27
all docs

27
docs citations

27
times ranked

2561
citing authors

#	ARTICLE	IF	CITATIONS
1	Top-down estimate of surface flux in the Los Angeles Basin using a mesoscale inverse modeling technique: assessing anthropogenic emissions of CO, NO _x and CO ₂ and their impacts. Atmospheric Chemistry and Physics, 2013, 13, 3661-3677.	4.9	142
2	Numerical uncertainty at mesoscale in a Lagrangian model in complex terrain. Geoscientific Model Development, 2012, 5, 1127-1136.	3.6	36
3	A volatility basis set model for summertime secondary organic aerosols over the eastern United States in 2006. Journal of Geophysical Research, 2012, 117, .	3.3	195
4	A new inversion method to calculate emission inventories without a prior at mesoscale: Application to the anthropogenic CO ₂ emission from Houston, Texas. Journal of Geophysical Research, 2012, 117, .	3.3	44
5	NO ₂ columns in the western United States observed from space and simulated by a regional chemistry model and their implications for NO _x emissions. Journal of Geophysical Research, 2009, 114, .	3.3	146
6	An evaluation of real-time air quality forecasts and their urban emissions over eastern Texas during the summer of 2006 Second Texas Air Quality Study field study. Journal of Geophysical Research, 2009, 114, .	3.3	69
7	Direct transport of midlatitude stratospheric ozone into the lower troposphere and marine boundary layer of the tropical Pacific Ocean. Journal of Geophysical Research, 2005, 110, .	3.3	84
8	Assessment of an ensemble of seven real-time ozone forecasts over eastern North America during the summer of 2004. Journal of Geophysical Research, 2005, 110, .	3.3	175
9	A case study of stratosphere-troposphere exchange during the 1996 North Atlantic Regional Experiment. Journal of Geophysical Research, 2004, 109, .	3.3	5
10	A modeling study of tropospheric species during the North Atlantic Regional Experiment (NARE). Journal of Geophysical Research, 1998, 103, 13593-13613.	3.3	3
11	Model study of tropospheric trace species distributions during PEM-West A. Journal of Geophysical Research, 1996, 101, 2073-2085.	3.3	76
12	Hydrocarbon ratios during PEM-WEST A: A model perspective. Journal of Geophysical Research, 1996, 101, 2087-2109.	3.3	144
13	Radon 222 simulations as a test of a three-dimensional regional transport model. Journal of Geophysical Research, 1996, 101, 29165-29177.	3.3	18
14	Parameterization of subgrid scale convective cloud transport in a mesoscale regional chemistry model. Journal of Geophysical Research, 1994, 99, 25615.	3.3	20
15	Observations and modeling of the reactive nitrogen photochemistry at a rural site. Journal of Geophysical Research, 1991, 96, 3045-3063.	3.3	127
16	A regional model study of the ozone budget in the eastern United States. Journal of Geophysical Research, 1991, 96, 10809-10845.	3.3	116
17	A study of the dependence of rural ozone on ozone precursors in the eastern United States. Journal of Geophysical Research, 1991, 96, 15377-15394.	3.3	108
18	Systematic variations in the concentration of NO _x (NO Plus NO ₂) at Niwot Ridge, Colorado. Journal of Geophysical Research, 1990, 95, 1817-1836.	3.3	112

#	ARTICLE	IF	CITATIONS
19	On the indirect determination of atmospheric OH radical concentrations from reactive hydrocarbon measurements. <i>Journal of Geophysical Research</i> , 1990, 95, 7493-7500.	3.3	74
20	Estimation of skill and uncertainty in regional numerical models. <i>Quarterly Journal of the Royal Meteorological Society</i> , 1989, 115, 763-806.	2.7	198
21	A comparison of explicit and implicit predictions of convective and stratiform precipitating weather systems with a meso-scale numerical model. <i>Quarterly Journal of the Royal Meteorological Society</i> , 1988, 114, 31-60.	2.7	43
22	A comparison of explicit and implicit predictions of convective and stratiform precipitating weather systems with a meso-scale numerical model. <i>Quarterly Journal of the Royal Meteorological Society</i> , 1988, 114, 31-60.	2.7	17
23	Impact of natural hydrocarbons on hydroxyl and peroxy radicals at a remote site. <i>Journal of Geophysical Research</i> , 1987, 92, 11879-11894.	3.3	227
24	Simulations of Frontogenesis in a Moist Atmosphere Using Alternative Parameterizations of Condensation and Precipitation. <i>Journals of the Atmospheric Sciences</i> , 1984, 41, 2701-2716.	1.7	49
25	Numerical Simulation of Frontogenesis in a Moist Atmosphere. <i>Journals of the Atmospheric Sciences</i> , 1984, 41, 2581-2594.	1.7	199
26	Diagnostic Studies of a Two-Dimensional Simulation of Frontogenesis in a Moist Atmosphere. <i>Journals of the Atmospheric Sciences</i> , 1984, 41, 2686-2700.	1.7	23
27	Numerical Simulation of Ice-Phase Convective Cloud Seeding. <i>Journal of Applied Meteorology</i> , 1980, 19, 950-977.	1.1	91