

Alan M Dunker

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6467013/publications.pdf>

Version: 2024-02-01

10
papers

604
citations

1307594

7
h-index

1474206

9
g-index

14
all docs

14
docs citations

14
times ranked

573
citing authors

#	ARTICLE	IF	CITATIONS
1	The decoupled direct method for calculating sensitivity coefficients in chemical kinetics. <i>Journal of Chemical Physics</i> , 1984, 81, 2385-2393.	3.0	268
2	Comparison of Source Apportionment and Sensitivity Analysis in a Particulate Matter Air Quality Model. <i>Environmental Science & Technology</i> , 2009, 43, 6669-6675.	10.0	143
3	The Decoupled Direct Method for Sensitivity Analysis in a Three-Dimensional Air Quality Model Implementation, Accuracy, and Efficiency. <i>Environmental Science & Technology</i> , 2002, 36, 2965-2976.	10.0	122
4	Ozone sensitivity to isoprene chemistry and emissions and anthropogenic emissions in central California. <i>Atmospheric Environment</i> , 2016, 145, 326-337.	4.1	20
5	Source Apportionment of the Anthropogenic Increment to Ozone, Formaldehyde, and Nitrogen Dioxide by the Path-Integral Method in a 3D Model. <i>Environmental Science & Technology</i> , 2015, 49, 6751-6759.	10.0	18
6	Contributions of foreign, domestic and natural emissions to US ozone estimated using the path-integral method in CAMx nested within GEOS-Chem. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 12553-12571.	4.9	16
7	Chemical Sensitivity Analysis and Uncertainty Analysis of Ozone Production in the Comprehensive Air Quality Model with Extensions Applied to Eastern Texas. <i>Environmental Science & Technology</i> , 2020, 54, 5391-5399.	10.0	9
8	Source apportionment of organic aerosol and ozone and the effects of emission reductions. <i>Atmospheric Environment</i> , 2019, 198, 89-101.	4.1	7
9	Standard and alternative procedures for projecting future ozone in the Houston area using relative reduction factors. <i>Atmospheric Environment: X</i> , 2019, 2, 100029.	1.4	1
10	Uncertainty analysis of modeled ozone changes due to anthropogenic emission reductions in Eastern Texas. <i>Atmospheric Environment</i> , 2022, 268, 118798.	4.1	0