# Alan M Dunker

List of Publications by Year
in descending order



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