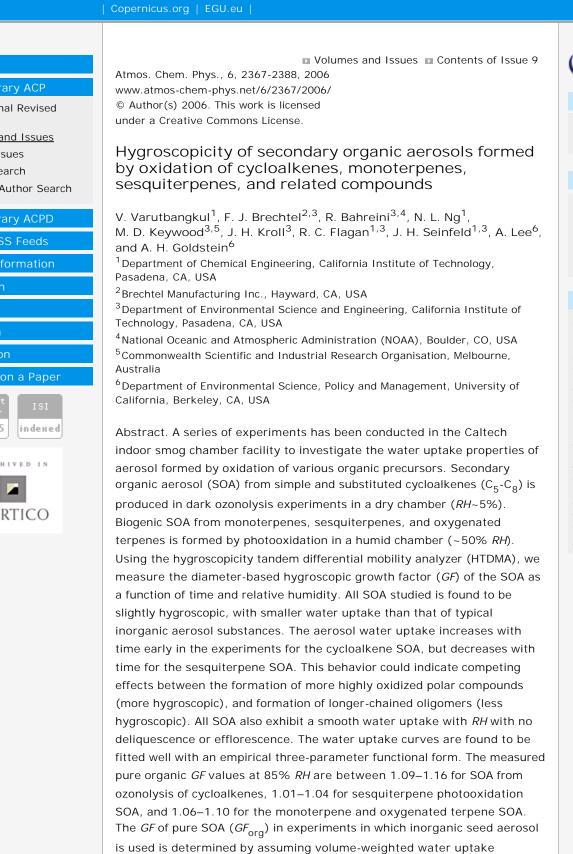
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(Zdanovskii-Stokes-Robinson or "ZSR" approach) and using the sizeresolved organic mass fraction measured by the Aerodyne Aerosol Mass Spectrometer. Knowing the water content associated with the inorganic fraction yields GF_{org} values. However, for each precursor, the GF_{org} values computed from different HTDMA-classified diameters agree with each other | EGU Journals | Contact

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to varying degrees. Comparing growth factors from different precursors, we find that $GF_{\rm org}$ is inversely proportional to the precursor molecular weight and SOA yield, which is likely a result of the fact that higher-molecular weight precursors tend to produce larger and less hygroscopic oxidation products.

■ <u>Final Revised Paper</u> (PDF, 2656 KB) ■ <u>Discussion Paper</u> (ACPD)

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