

## PRINT ONLY: COSMIC DUST

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[\*The Study of Kinetics of C, N and Xe Release During Isothermal Pyrolysis and Subsequent Oxidation of Nanodiamonds from Orgueil\*](#) [#1437]

The results on kinetics of release of C, N, and Xe under different conditions during pyrolysis of two aliquots from intermediate-grain-sized fraction of nanodiamonds from the meteorite Orgueil are discussed.

Kortenkamp S. J.

[\*Trapping of Interplanetary Dust Particles in Earth's Quasi-Satellite Resonance: Dependence on Particle Size\*](#) [#2779]

Numerical simulations are used to model the orbital evolution of interplanetary dust particles decaying into the inner solar system under PR drag. Trapping in Earth's 1:1 quasi-satellite resonance is studied as a function of dust particle diameter.