

J. Lewis Basicities

The widely variable stabilization of m- and p-substituted benzhydrylium ions, which enabled their use as reference electrophiles for the construction of nucleophilicity scales (Section F) and as reference electrofuges for the construction of nucleofugality scales (Section I) has recently been used for the construction of Lewis basicity scales with respect to C-centered Lewis acids of equal steric shielding (Figure 7, #369). Hine's concept of "Carbon basicity" developed in JACS **1965**, *87*, 3387 thus found a broad experimental basis, which can be used for a systematic analysis of rate-equilibrium relationships.

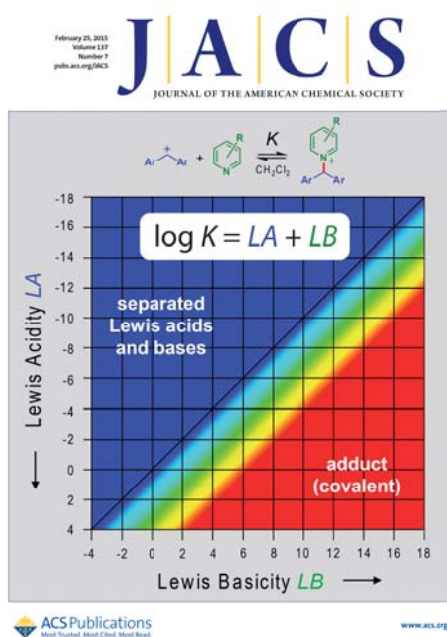


Figure 7. Frontispiece of Feb. 25, 2015 issue of the Journal of the American Chemical Society.