Molecular oxygen is by far the most attractive terminal oxidant for catalyzed oxidations, one of the central transformations in organic chemistry. Guest Editor Professor Shannon Stahl has assembled a diverse set of experts in the field of catalytic aerobic oxidations, highlighting accomplishments and ongoing challenges in this important area.

Tom Rovis

Catalytic Aerobic Oxidations
aliphatic alkenyl amides

\[ \text{X = C, NTs; } n = 1, 2 \]

D. Yang

B. U. W. Maes

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