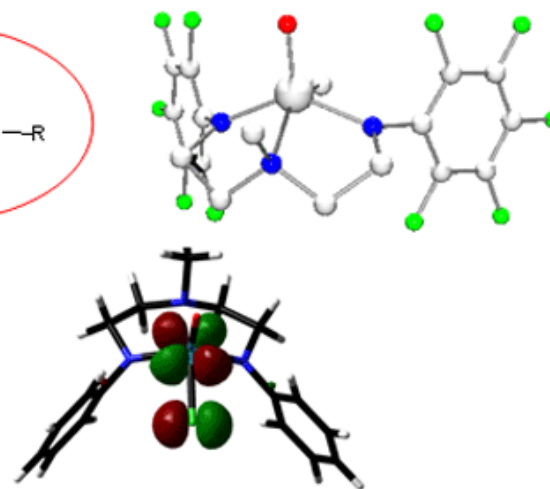
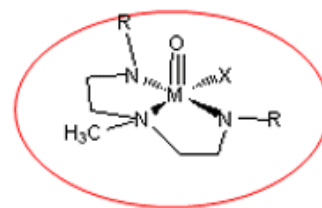
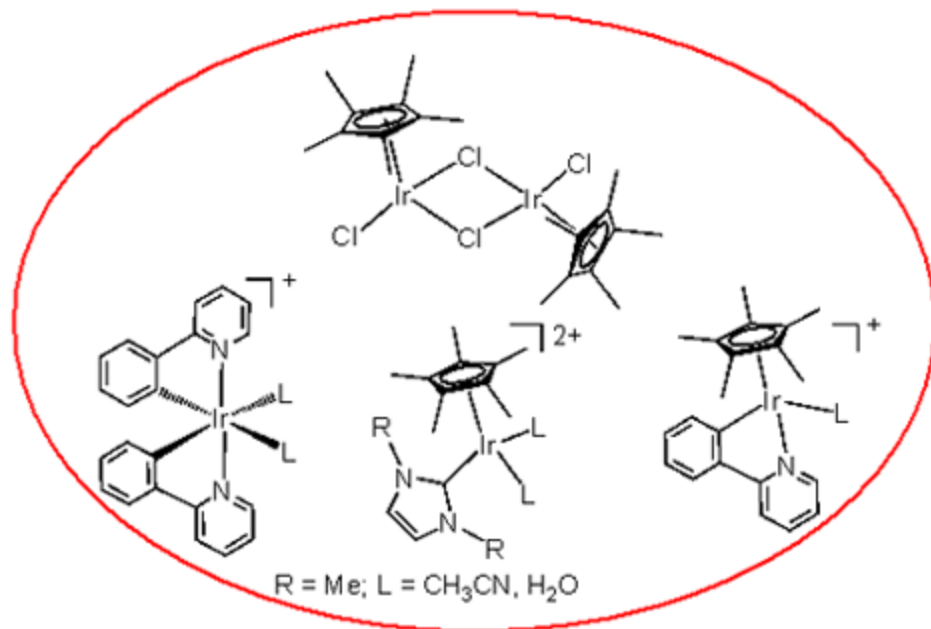
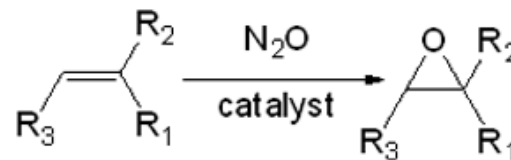
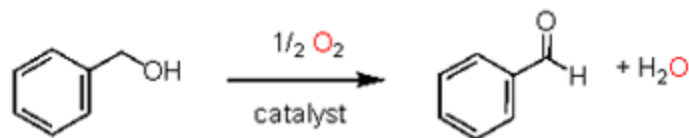


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Green Catalytic Oxidations



Our research interest can be broadly defined as in the area of transition metal catalysis. Currently, our primary focus is catalytic oxidation reactions with a particular emphasis on oxidations utilizing O_2 and N_2O . Special emphasis will be placed on the mechanistic interpretation of these catalytic reactions with an eye on the elucidation of reaction pathways in order to gain insights for catalytic development in the future. Our research will encompass many areas from the development of useful synthetic organic methodologies for organic chemistry to the mechanistic principles that underlie catalytic oxidations.