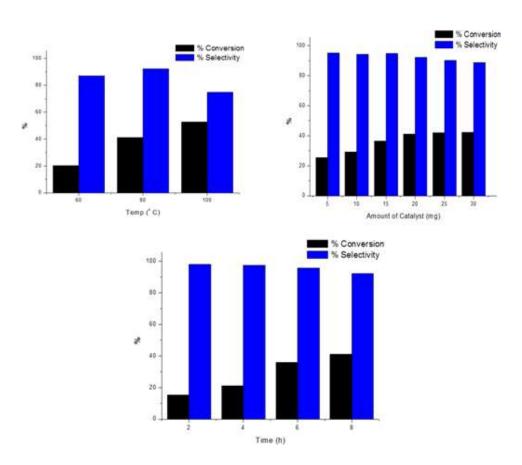
Keggin type transition metal substituted phosphomolybdates: Heterogeneous catalysts for selective aerobic oxidation of alcohols and alkenes under solvent free condition

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Aerobic oxidation of styrene over PMo₁₁M (M=Co, Mn, Ni)

Fig. S1 Optimization of reaction conditions for aerobic oxidation of styrene over PMo₁₁Co

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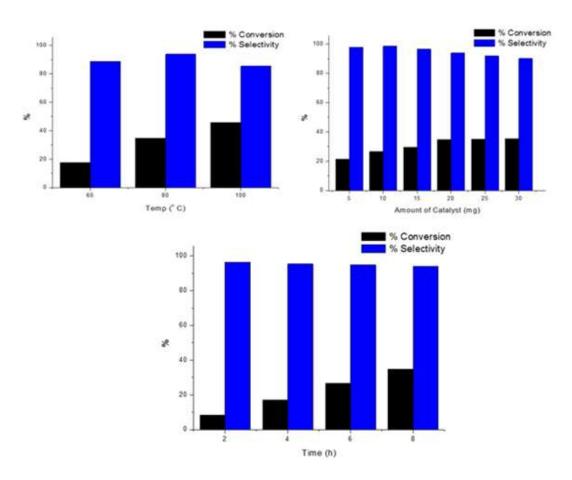


Fig. S2 Optimization of reaction conditions for aerobic oxidation of styrene over PMo₁₁Mn

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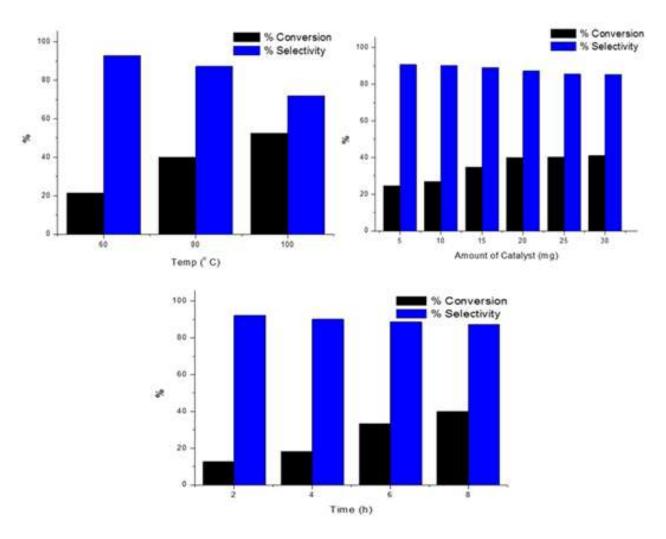


Fig. S3 Optimization of reaction conditions for aerobic oxidation of styrene over PMo₁₁Ni

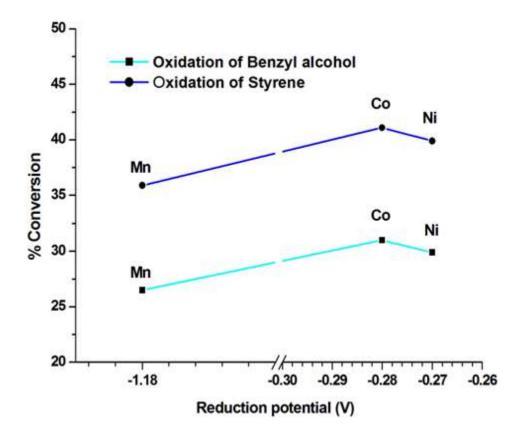
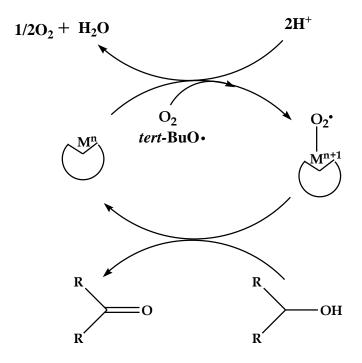


Fig. S4 Conversion with respect to reduction potential of metal



Scheme S1 Proposed reaction mechanism for oxidation of alcohol using O2