

List of Abbreviations

POMs	Polyoxometalates
LPOMs	Lacunary Polyoxometalates
ZrO ₂	Hydrous zirconia
Al ₂ O ₃	Neutral alumina
PMo ₁₂	Dodecamolybdophosphate
PMo ₁₁	Undecamolybdophosphate
PMo ₁₁ / ZrO ₂	PMo ₁₁ supported on to ZrO ₂
PMo ₁₁ / Al ₂ O ₃	PMo ₁₁ supported on to Al ₂ O ₃
TMSPOMs	Transition Metal substituted Polyoxometalates
TM'SPW	Mono Transition Metal substituted Phosphotungstates
TMSPMo	Transition Metal substituted Phosphomolybdates
TM'SPMo	Mono Transition Metal substituted Phosphomolybdates
PMo ₁₁ Co	Mono Co(II)- substituted Phosphomolybdate
PMo ₁₁ Mn	Mono Mn(II)- substituted Phosphomolybdate
PMo ₁₁ Ni	Mono Ni(II)- substituted Phosphomolybdate
TBHP	<i>tert</i> -Butyl hydrogen peroxide
PTC	Phase Transfer Catalyst
TON	Turn Over Number
TBA	Tetra Butyl Ammonium