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List of Abbreviations

TGA	Thermogravimetric analysis
DTG	Differential thermogravimetry
MFSC	<i>Mesua ferrea</i> seed cover
PGSC	<i>Pongamia glabra</i> seed cover
FWO	Flynn-Wall-Ozawa
KAS	Kissinger-Akahira-Sunose
RSM	Response surface methodology
CCD	Central composite design
ANOVA	Analysis of variance
GC-MS	Gas chromatography-Mass spectrometry
TIC	Total ion chromatogram
FTIR	Fourier transformed infrared
GHG	Greenhouse gas
SEM	Scanning electron microscope
S _I	Initial degradation stage of a DTG curve
S _{II}	Active pyrolysis zone
S _{III}	Passive pyrolysis zone
T _{end}	Ending temperature of a particular zone of active pyrolysis
T _{max}	Temperature where maximum mass loss rate occur
T _{onset}	Starting temperature of a particular zone of active pyrolysis
W _{max}	Maximum mass loss rate
XRD	X-ray diffraction
EDX	Energy dispersive x-ray spectroscopy
L	Liter