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LIST OF ABBREVIATION

SEM	Scanning Electron Microscope
FTIR.....	Fourier Transformed Infrared Spectroscopy
PL.....	Photoluminescence
XRD.....	X-ray Diffractogram
UV.....	Ultraviolet
BOD.....	Biological Oxygen Demand
RSM.....	Response surface Methodology
SITP.....	Silicic Acid Transporter Protein