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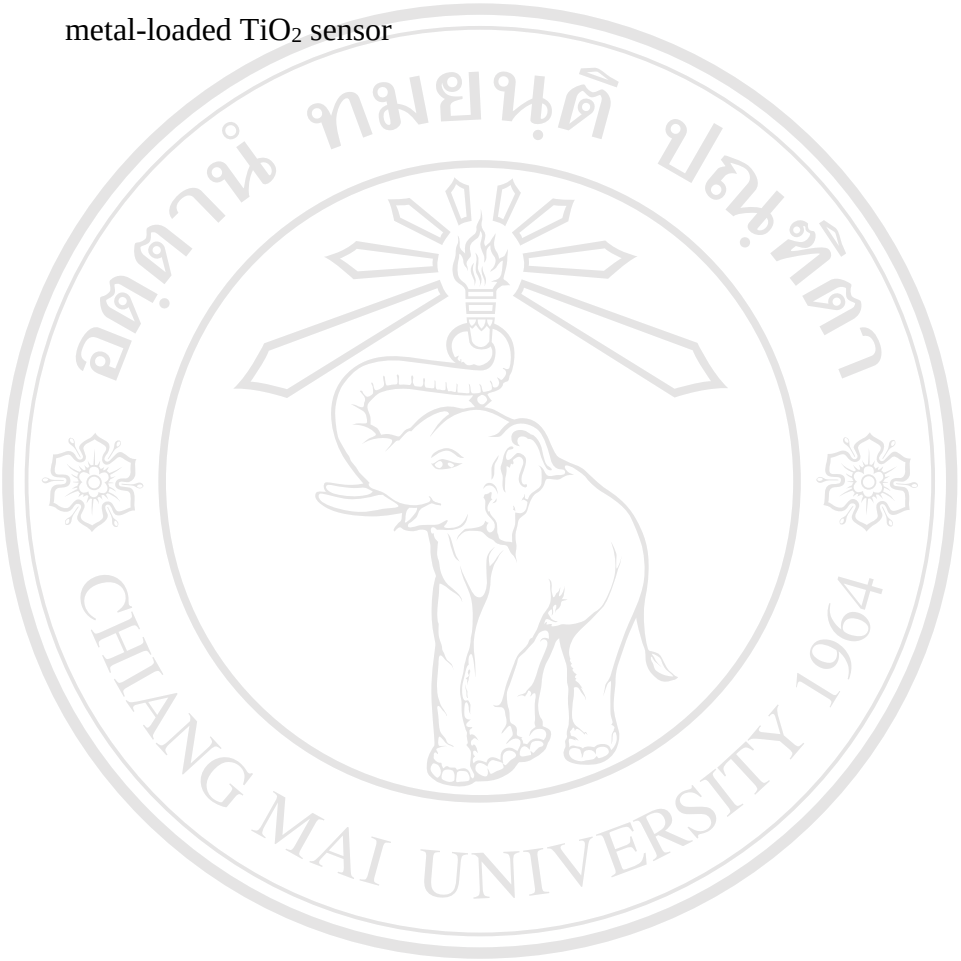

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ABBREVIATIONS AND SYMBOLS

Å	Angstrom
BET	Brunauer-Emmett-Teller
°C	Degree Celsius
CVD	Chemical vapor deposition
d_{BET}	Average BET-equivalent particle diameter
d_{hkl}	Interplanar distance between (hkl) planes
eV	Electron Volt
EDS,EDXS	Energy Dispersive X-ray Spectroscopy
FSP	Flame Spray Pyrolysis
h	Plank's constant (6.63×10^{-34} Js)
hν	Photon energy
HRTEM	High Resolution Transmission Electron Microscopy
ICDD	International Center for Diffraction Data
JCPDS	Joint Committee Powder Diffraction Standards
K	Kelvin
mg	Milligram
mL	Milliliter
nm	Nanometer (10^{-9} m)
PDF	Powder Diffraction File
pgm	Platinum group metal
PVD	Physical vapor deposition
SAED	Selected Area Electron Diffraction
SEM	Scanning Electron Microscopy
SSA	Specific Surface Area
SSA_{BET}	Specific surface area from BET method
TEM	Transmission Electron Microscopy

TLV	Threshold limit value
XRD	X-ray diffraction
λ	Wavelength
μg	Microgram (10-6 g)
μm	Micron (10-6 meter)
θ	Bragg angle for the reflection
ν	Frequency