

「分析化学」で論文題名に使用できる略語の例

*論文タイトルで使用できる略語の例です。これら以外でも編集委員会の判断により一般的と認められる略語は使用することができます。

AAS:	Atomic Absorption Spectrometry
AES:	Auger Electron Spectroscopy
AFM:	Atomic Force Microscope
ATR:	Attenuated Total Reflection
BOD:	Biochemical Oxygen Demand
CE:	Capillary Electrophoresis
CE-MS:	Capillary Electrophoresis/Mass Spectrometer
CE/MS:	Capillary Electrophoresis/Mass Spectrometry
COD:	Chemical Oxygen Demand
CZE:	Capillary Zone Electrophoresis
DMSO:	Dimethylsulfoxide
DMF:	Dimethylformamide
DTA:	Differential Thermal Analysis
DSC:	Differential Scanning Calorimetry
EDTA:	Ethylenediaminetetraacetic Acid
EDX:	Energy Dispersive X-ray Analysis
ELISA:	Enzyme-Linked Immunosorbent Assay
ESCA:	Electron Spectroscopy for Chemical Analysis
ESR:	Electron Spin Resonance
ESI:	Electrospray Ionization
FIA:	Flow Injection Analysis
FT-IR:	Fourier Transform- Infrared Spectroscopy
GFAAS:	Graphite furnace Atomic Absorption Spectrometry
GC:	Gas Chromatography
GC-MS:	Gas Chromatograph-Mass Spectrometer
GC/MS:	Gas Chromatography/Mass Spectrometry
HILIC:	Hydrophilic Interaction Liquid Chromatography
HPLC:	High Performance Liquid Chromatography
IC:	Ion Chromatography
ICP:	Inductively Coupled Plasma
ICP-AES:	Inductively Coupled Plasma-Atomic Emission Spectroscopy
ICP-OES:	Inductively Coupled Plasma-Optical Emission Spectroscopy
ICP-MS:	Inductively Coupled Plasma-Mass Spectrometry
IR:	Infrared
LC:	Liquid Chromatography
LC-MS:	Liquid Chromatograph-Mass Spectrometer
LC/MS:	Liquid Chromatography/Mass Spectrometry
MALDI:	Matrix Assisted Laser Desorption/Ionization
MS:	Mass Spectrometry
μ TAS:	Micro Total Analysis System

NAA: Neutron Activation Analysis
NIR : Near Infrared
NMR: Nuclear Magnetic Resonance
PIXE: Particle Induced X-ray Emission
QCM: Quartz Crystal Microbalance
Q-MS: Quadrupole-Mass Spectrometer
SHG: Second Harmonic Generation
SIMS: Secondary Ion Mass Spectrometry
SEM: Scanning Electron Microscope
SPR: Surface Plasmon Resonance
STM: Scanning Tunneling Microscope
TEM: Transmission Electron Microscope
THF: Tetrahydrofuran
TG: Thermogravimetry
TDS: Thermal Desorption Spectroscopy
TOF-MS: Time-of-Flight Mass Spectrometer
UV: Ultraviolet
UV-Vis: Ultraviolet-Visible Absorption Spectroscopy
VOC: Volatile Organic Compound
XAFS: X-ray Absorption Fine Structure
XANES: X-ray Absorption Near Edge Structure
XRD: X-ray Diffraction
XRF: X-ray Fluorescence
XPS: X-ray Photoelectron Spectroscopy