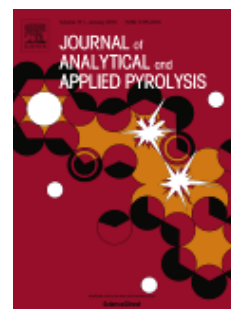




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### DESCRIPTION

The international *Journal of Analytical and Applied Pyrolysis* is devoted to the publication of qualitative and quantitative results relating to:

- **Controlled pyrolysis** (thermal degradation) of chemical materials, including synthetic and natural macromolecules as well as lower molecular weight chemicals;
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#### Quantities and units

length  $l$ ; metre: m  
mass  $m$  kilogram kg; gram g  
time  $t$ ; second s; minute min; hour h  
thermodynamic temperature  $T$ ; kelvin K  
Celsius temperature  $t$ ,\* degree Celsius C  
amount of substance  $n$ ; mole mol  
molar mass  $M$ ; kg mol<sup>-1</sup>  
concentration (amount)  $c$ ; mol dm<sup>-3</sup>, mol l<sup>-1</sup>  
molality  $m$ ; mol kg<sup>-1</sup>

pressure  $p$ ; pascal Pa  
energy  $E$ ; joule J  
heat  $q, Q$ ; joule J  
power, heat flow rate  $P, \dot{q}$ ; watt W  
volume  $V$ ; m<sup>3</sup>; litre l, L  
chemical potential (partial molar Gibbs energy)  $\mu$  J mol<sup>-1</sup>  
viscosity: dynamic  $\eta$  Pa s ; kinematic  $\mu$  m s<sup>-1</sup>

#### Prefixes

10<sup>-1</sup> d; 10<sup>-2</sup> c (centi); 10<sup>-3</sup> m (milli); 10<sup>-6</sup>  $\mu$  (micro); 10<sup>-9</sup> n (nano); 10<sup>-12</sup> p (pico); 10<sup>-15</sup> f (femto);  
10<sup>-18</sup> a (atta)

10 da (deca); 10<sup>2</sup> h (hecto); 10<sup>3</sup> k (kilo); 10<sup>6</sup> M (mega); 10<sup>9</sup> G (giga); 10<sup>12</sup> T (tera); 10<sup>15</sup> P (peta);  
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