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List of abbreviation and symbols

ANN	artificial neural network
d.b	Dry basis
ER	Expansion ratio
FEM	Finite element method
GA	Genetic algorithms
HTST	High-temperature short time
ER	Expansion ratio
FEM	Finite element method
GA	Genetic algorithms
MR	Moisture ratio
PP	Percentage puffing
RCCD	Rotatable central composite design
RMS	Root mean square
RSM	Response surface methodology
μ	Viscosity (Pa.s)
a, b, k, n	Drying model coefficient
A_r	Archimedes number
b	Breath (meter)
c_p	specific heat capacity at constant pressure ($J.kg^{-1}.^0C^{-1}$)
D_{eff}	Effective diffusivity
D_r	Equivalent diameter (meter)
g	Acceleration due to gravity
h	Heat transfer coefficient
l	Length (meter)
m	Mass (kg)
M_0	Initial moisture content
M_e	Equilibrium moisture content
M_t	Moisture content at time t
n_a	Number of experiments carried out at levels $+a_m$ and $- a_m$
n_c	Number of experiments carried out at the centre point
n_f	Number of factorial design experiments carried out at +1 and -1
t	Time (minute)
T	Temperature (Kelvin)
V	Velocity (m/s)
W	Weight
X	Independent variable
y	Coded Independent variable
Y	Dependent variable
y	Coded Dependent variable
ε	Porosity
ρ	Density
φ	Sphericity