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LIST OF ABBREVIATIONS

Dz	=	Self-diffusion coefficient (z axis)
BLYP	=	Beck-Lee-Yang-Parr functional
BN	=	Boron nitride
BNNTs	=	Boron nitride nanotubes
CNTs	=	Carbon nanotubes
GlpF	=	Glycerol the crystal structure (F is symbol of native glycerol)
HF	=	Hartree-Fock
I _x	=	Angular momentum x component
I _y	=	Angular momentum y component
I _z	=	Angular momentum z component
LJ	=	Lennard-Jones
MC	=	Monte Carlo
MD	=	Molecular dynamics
MSD	=	Mean square displacement
MWCNT	=	Multi walled carbon nanotube
n(r)	=	Coordination number
NPT	=	Isothermal-Isobaric (NPT) ensemble
NT	=	Nanotubes
NVE	=	Microcanonical ensemble (NVE)
NVT	=	Canonical ensemble (NVT)
PW	=	Plane-Wave
RDF	=	Radial distribution function
SPC	=	Simple point charge
SPC/E	=	Extended simple point charge
STM	=	Temperature scanning tunneling microscope
SWBNNT	=	Single walled boron nitride nanotube
SWCNT	=	Single walled carbon nanotube
TEM	=	Transmission electron microscopy