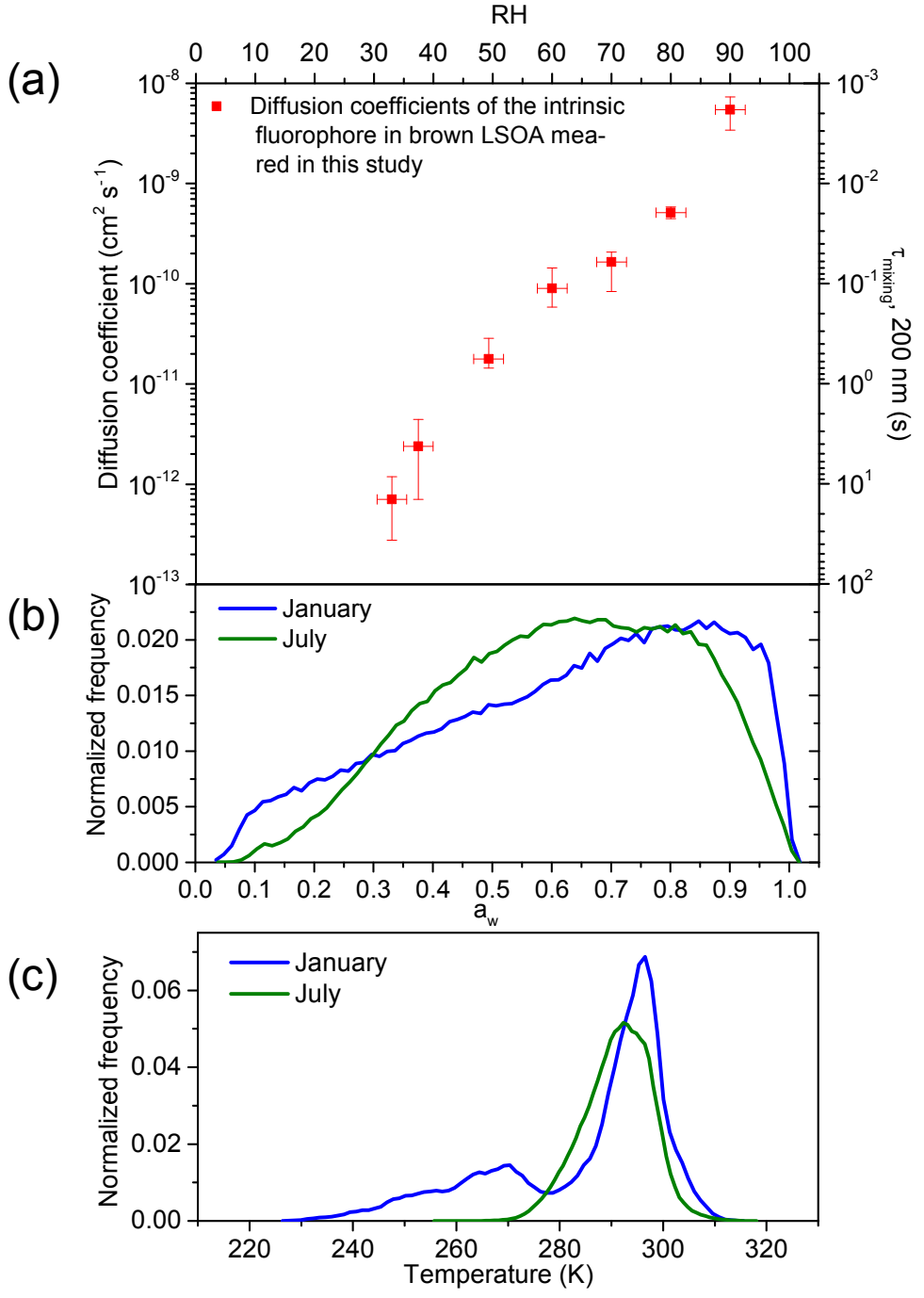
(a)
RH
0 10 20 30 40 50 60 70 80 90 100
Diffusion coefficients of the intrinsic fluorophore in brown LSOA mea-red in this study
Diffusion coefficient (cm^2 s^{-1})
10^{-8} 10^{-9} 10^{-10} 10^{-11} 10^{-12} 10^{-13}
τ_{mixing}, 200 nm (s)
10^{-3} 10^{-2} 10^{-1} 10^{0} 10^{1} 10^{2}
(b)
January
July
Normalized frequency
0.000 0.005 0.010 0.015 0.020
0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0
a_w
(c)
January
July
Normalized frequency
0.00 0.02 0.04 0.06
220 240 260 280 300 320
Temperature (K)