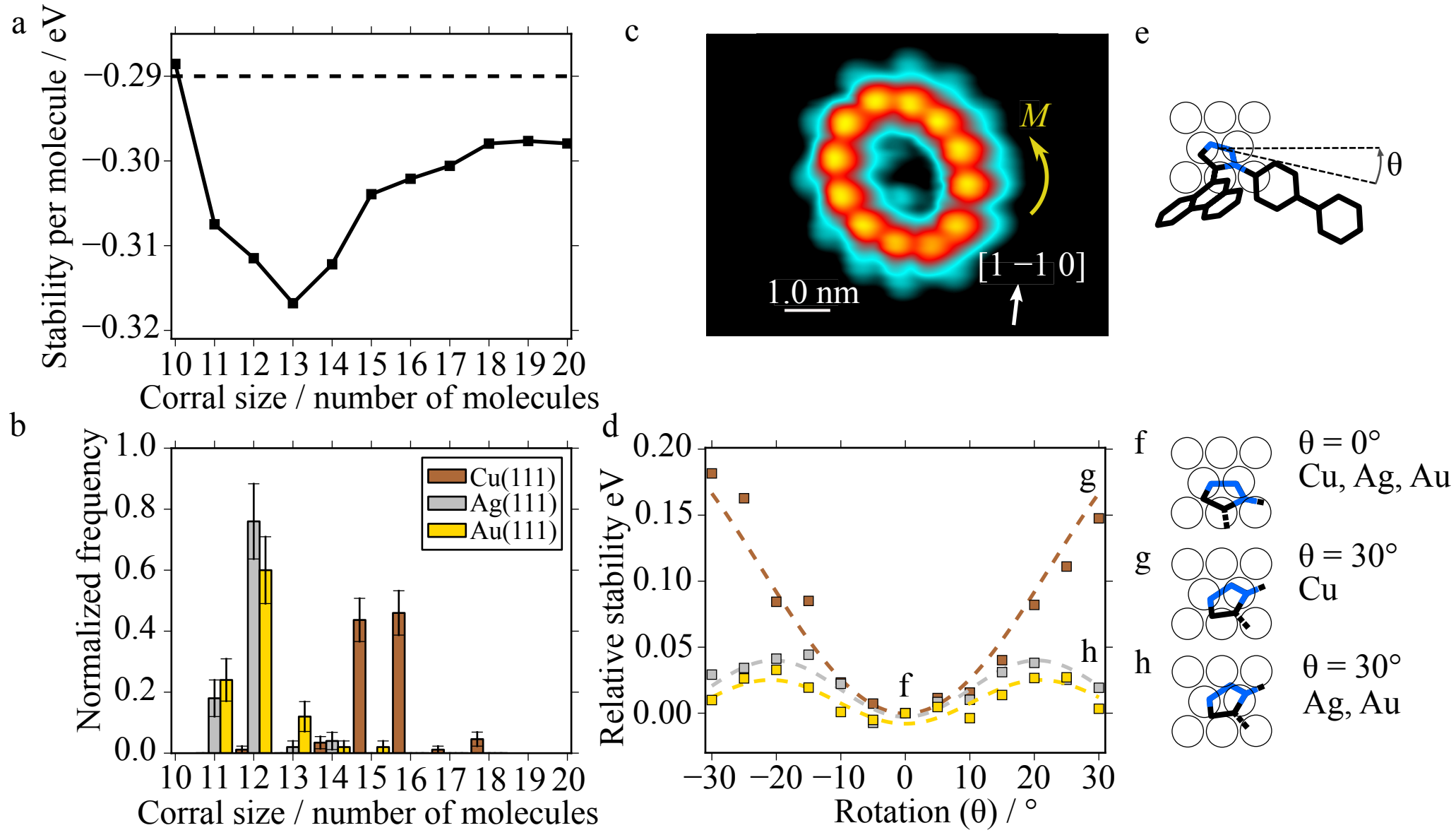
a
Stability per molecule / eV
−0.29
−0.30
−0.31
−0.32
10 11 12 13 14 15 16 17 18 19 20
Corral size / number of molecules
b
Normalized frequency
1.0
0.8
0.6
0.4
0.2
0.0
Cu(111)
Ag(111)
Au(111)
10 11 12 13 14 15 16 17 18 19 20
Corral size / number of molecules
c
M
[1 −1 0]
1.0 nm
d
Relative stability eV
0.20
0.15
0.10
0.05
0.00
g
h
f
−30 −20 −10 0 10 20 30
Rotation (θ) / °
e
θ
f
θ = 0°
Cu, Ag, Au
g
θ = 30°
Cu
h
θ = 30°
Ag, Au