metals

On Sluggish Diffusion in Fcc Al–Co–Cr–Fe–Ni High-Entropy Alloys: An Experimental and Numerical Study

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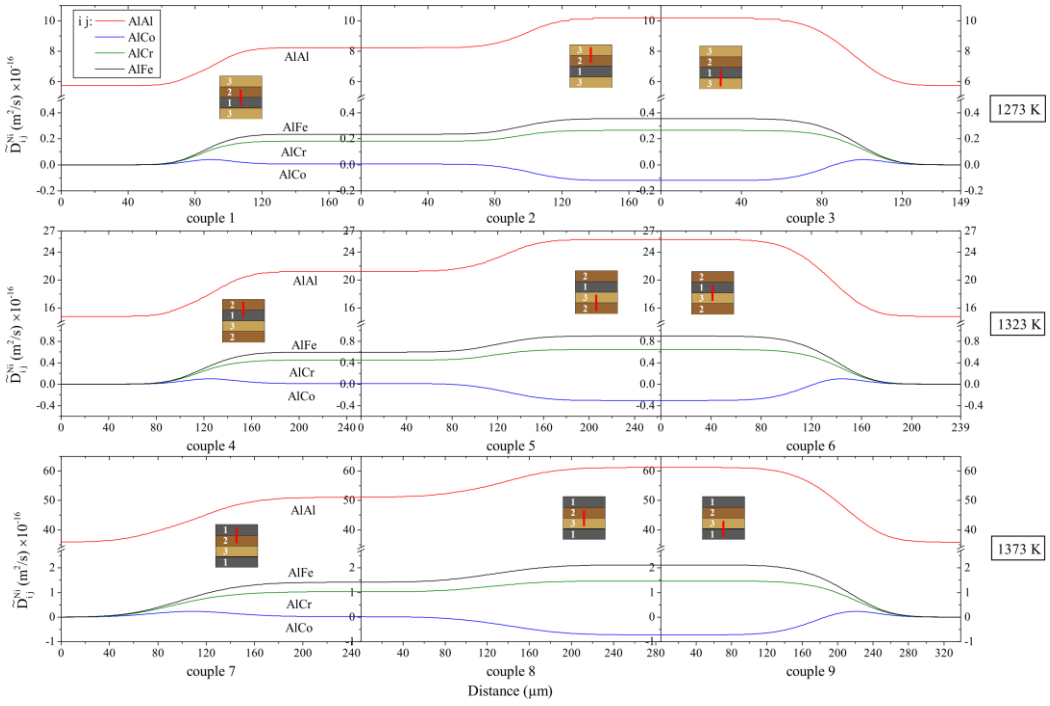
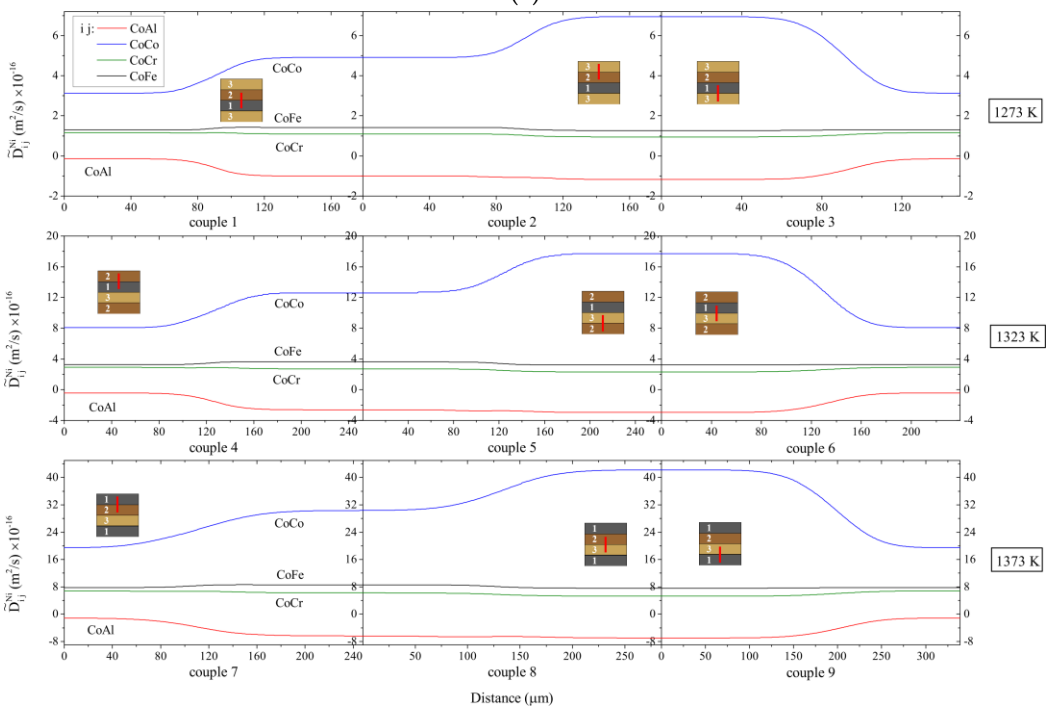
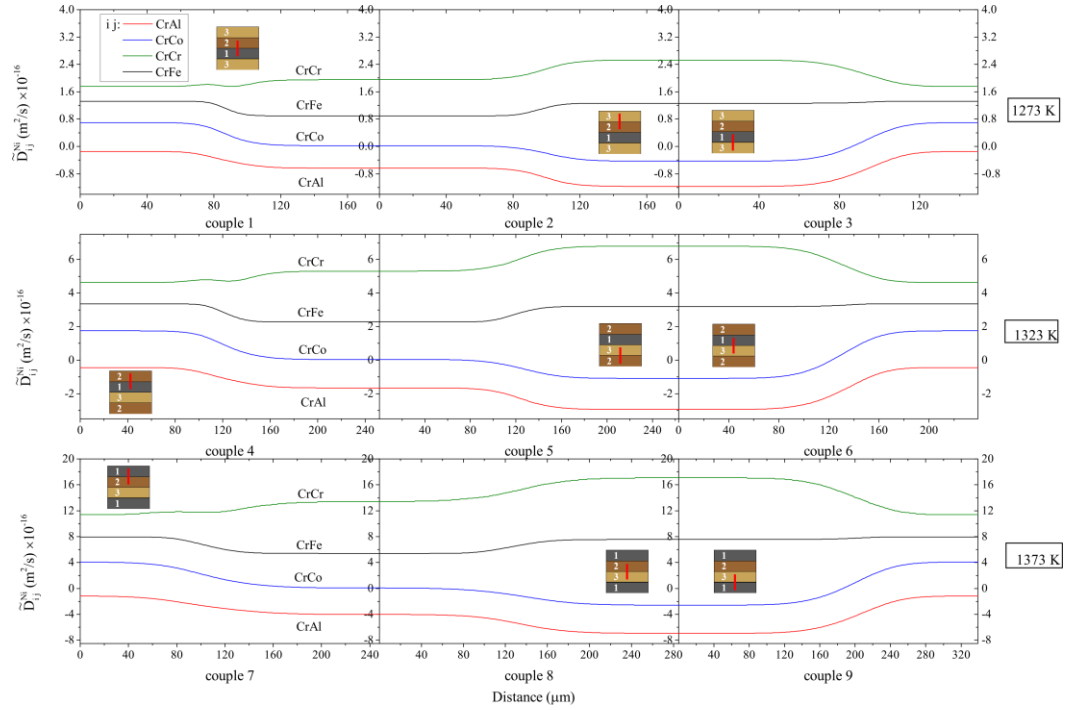
Supplementary Material



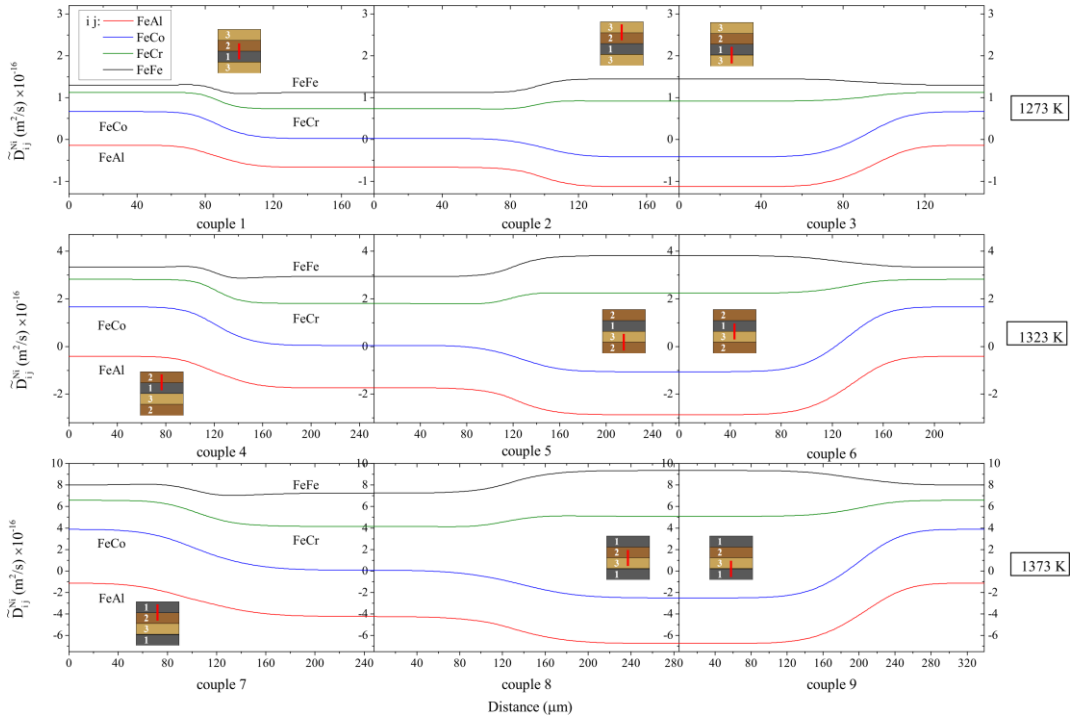
(**a**)



(**b**)

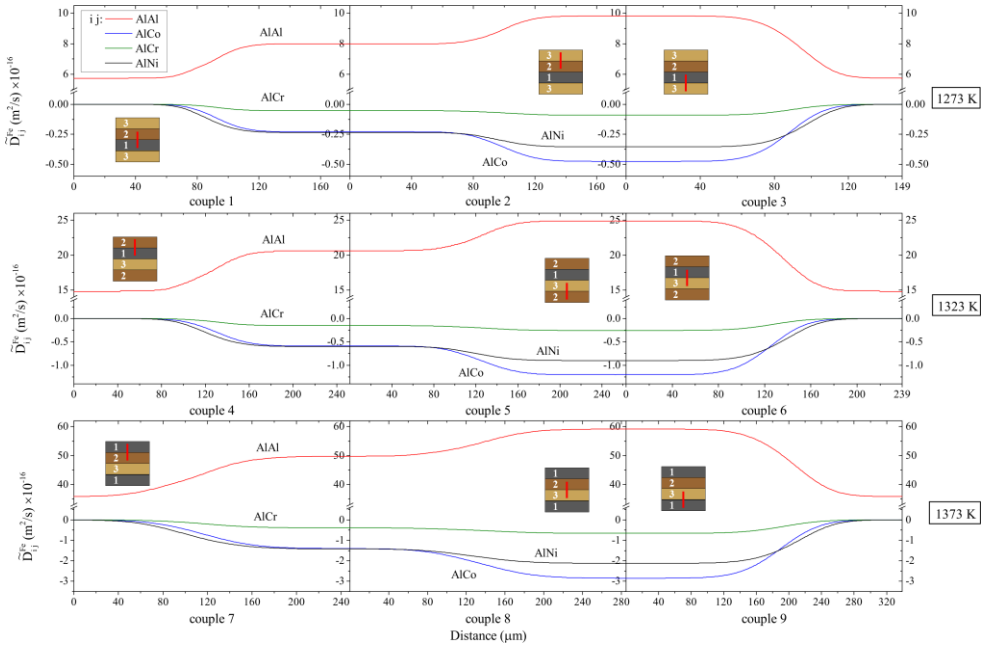


(**c**)

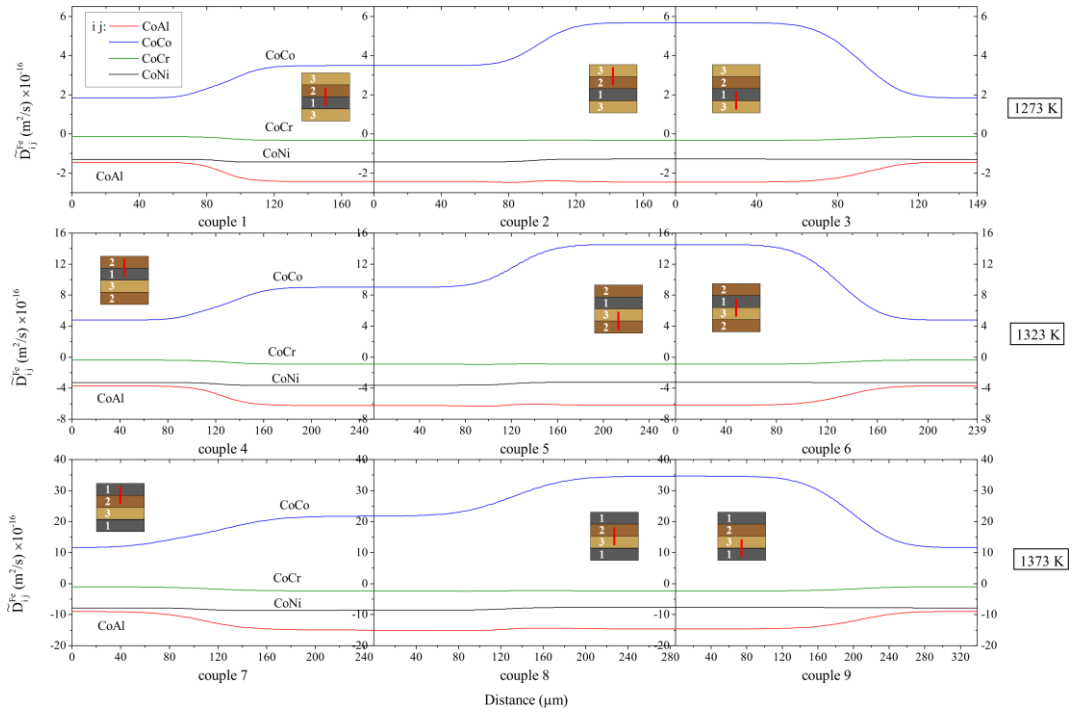


(**d**)

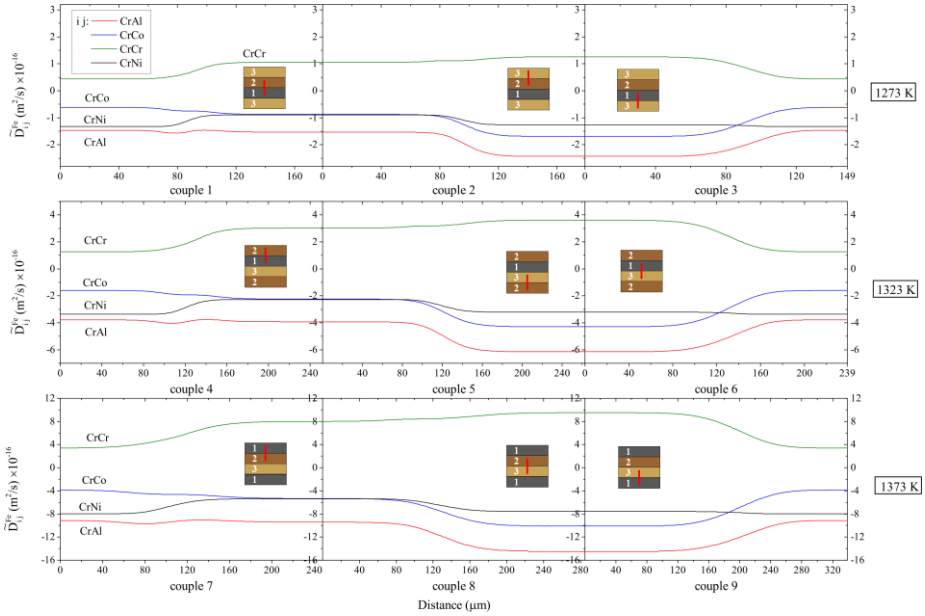
Figure S1. The evaluated diagonal and off-diagonal interdiffusivities for (a) Al, (b) Co, (c) Cr, and (d) Fe in the diffusion multiples annealed for 46 h at 1273 K, 1323 K and 1373 K, respectively, where Ni is taken as the dependent component.


i j: AlAl AlCo AlCr AlNi
AlAl
AlCr
AlNi
AlCo
1273 K
1323 K
1373 K
couple 1
couple 2
couple 3
couple 4
couple 5
couple 6
couple 7
couple 8
couple 9
Distance (μm)

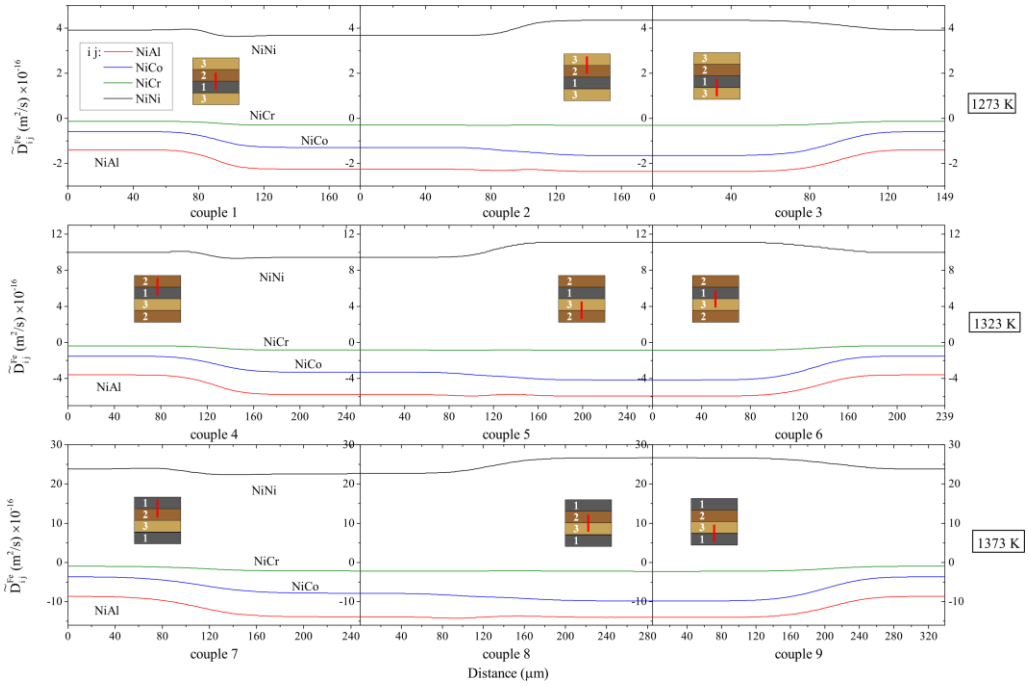
(**a**)


i j: CoAl CoCo CoCr CoNi
CoCo
CoCr
CoNi
CoAl
1273 K
1323 K
1373 K
couple 1
couple 2
couple 3
couple 4
couple 5
couple 6
couple 7
couple 8
couple 9
Distance (μm)

(**b**)



(**c**)



(**d**)

Figure S2. The evaluated diagonal and off-diagonal interdiffusivities for (a) Al, (b) Co, (c) Cr, and (d) Ni in the diffusion multiples annealed for 46 h at 1273 K, 1323 K and 1373 K, respectively, where Fe is taken as the dependent component.