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Ultra-fast single-file transport of a simple liquid beyond the collective behavior zone

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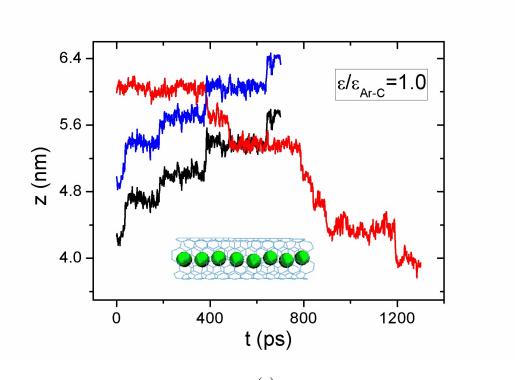
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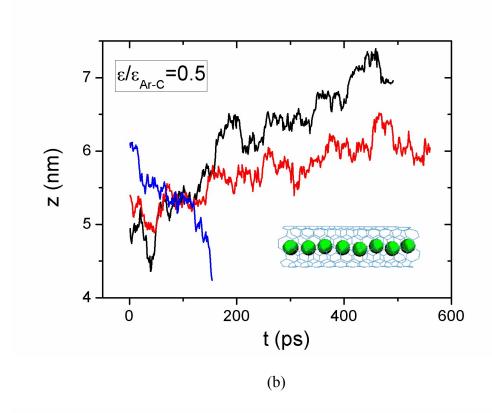
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Supporting Information





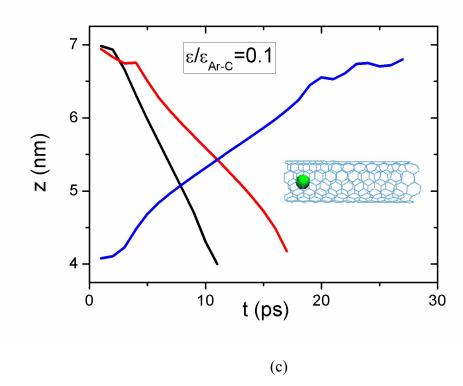


Figure S1. The particle motions inside the channel for different liquid-channel interactions. (a) Under strong liquid-channel interaction, the particles move collectively and step-by-step; (b) under moderate liquid-channel interaction, the particles also move collectively but with obscure steps; (c) under weak liquid-channel interaction, the particle move alone with nearly constant velocity.