Supporting Information of JP074784f

"Inter-chain Impacts on Electronic Structures of Heterocyclic Oligomers and Polymers Containing Group 14, 15, and 16 Heteroatoms: Quantum Chemical Calculations in Combination with Molecular Dynamics Simulations"

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Figure S1. Snapshots of oligoheterocycle systems, 1-6 (n=3/2), from MD simulations at 200 ps. The green-colored chains enable us to easily perceive the chain distortions.

Figure S2. The statistic distribution of effective conjugated length (*ECL*) for short-length (n=3/2) oligoheterocycle systems by MD/PCFF simulations.

Figure S3. Radial distribution functions f(r) of distances between two centers of mass of two thiophene rings in different chains of various packing systems within the inter-chain distance of 4.0 Å.

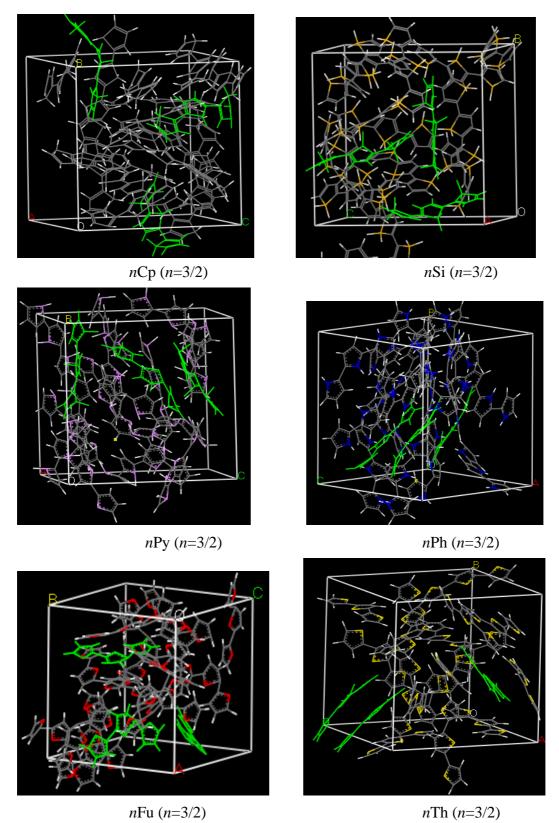


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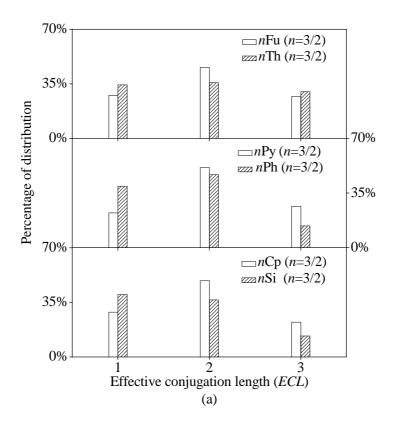


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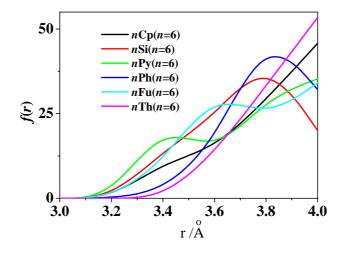


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