Article

Modified Dual-Site Langmuir Adsorption Equilibrium Models from A GCMC Molecular Simulation

Junchao Wang, Yongjie Wei and Zhengfei Ma *

State Key Laboratory of Material-Oriented Chemical Engineering, College of Chemical Engineering, Nanjing Tech University, Nanjing 210009, China; wangjunchao@njtech.edu.cn (J.W.); 15895875675@njtech.edu.cn (Y.W.)

* Correspondence: mazf@njtech.edu.cn

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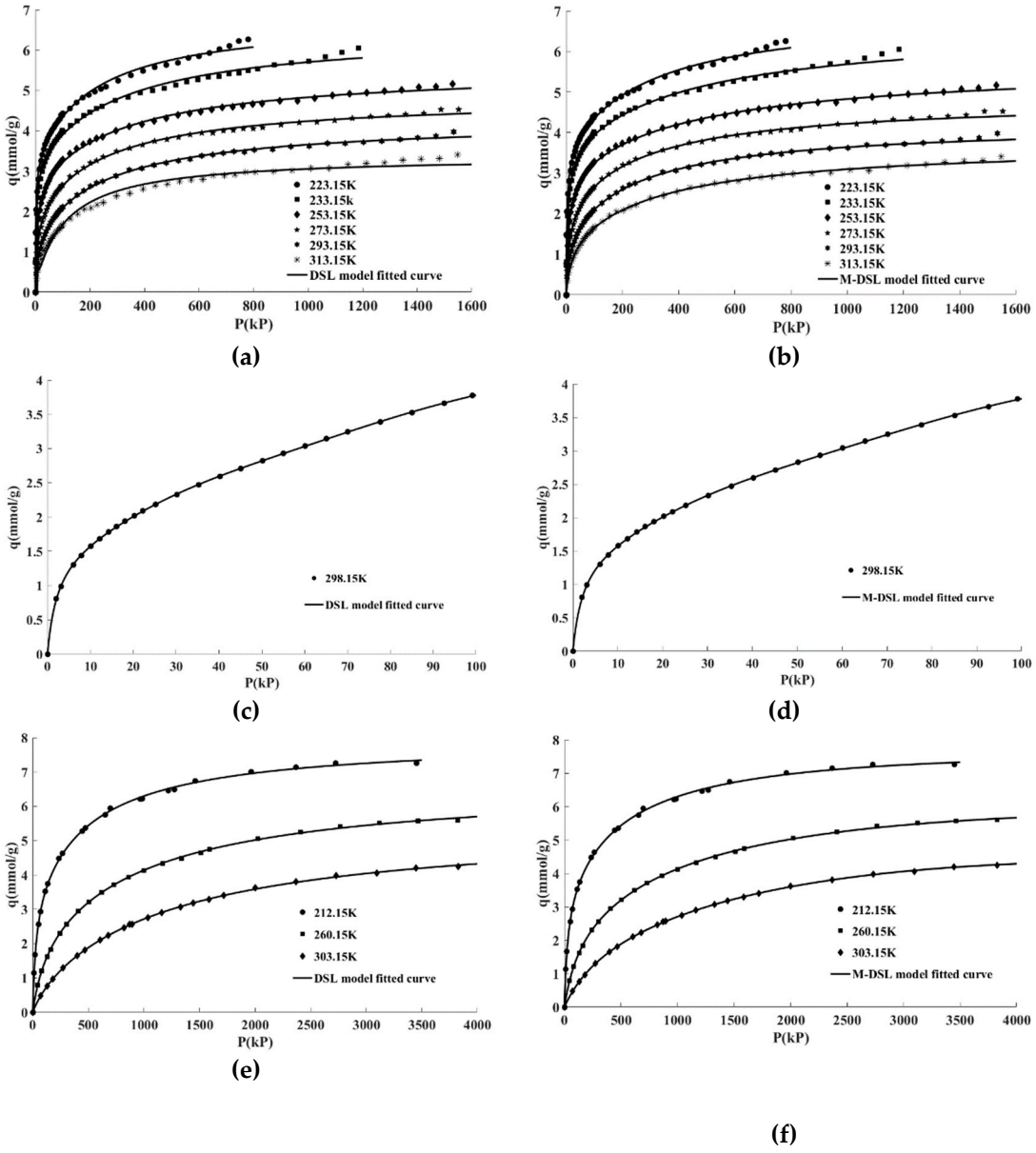

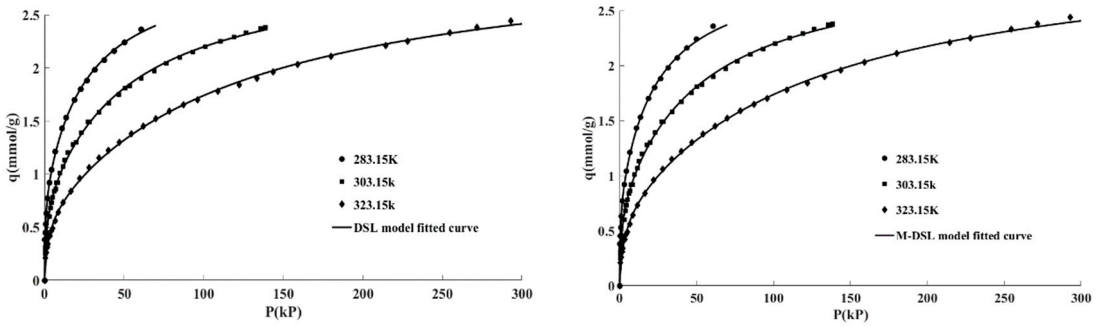

Figure S1. Comparison curves of the DSL model and the M-DSL model for different systems, (**a**) The DSL model for C2H4-HHPAC; (**b**) the M-DSL model for C2H4-HHPAC; (**c**) the DSL model for CO2-MIL-101(Cr); (**d**) the M-DSL model for CO2-MIL-101(Cr); (**e**) the DSL model for CH4-BPL; (**f**) the M-DSL model for CH4-BPL; (**g**) the DSL model for CO2-H-Mordenite; (**h**) the M-DSL model for CO2-H-Mordenite.

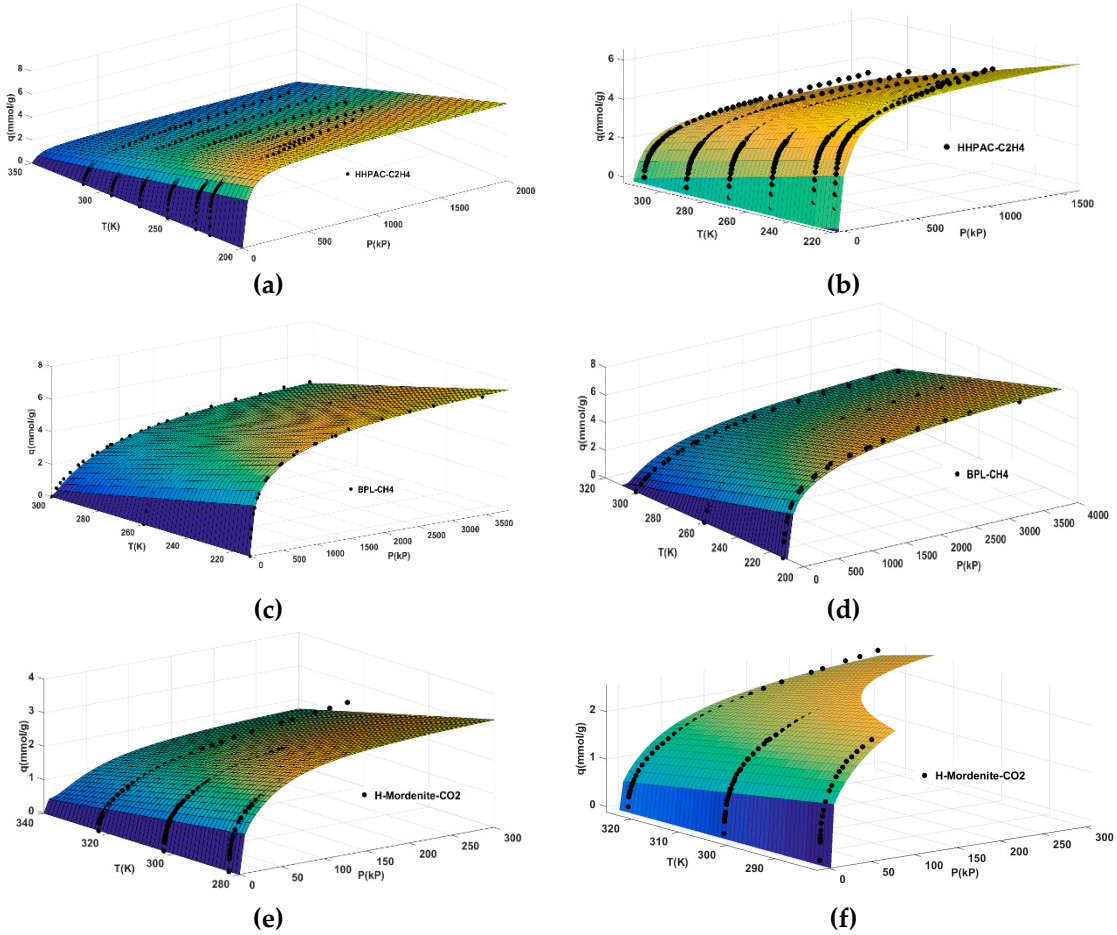

Figure S2. Comparison curves of the TDSL model and the M-TDSL model for different systems, (**a**) The TDSL model for C_2H_4-HHPAC; (**b**) the M-TDSL model for C_2H_4-HHPAC; (**c**) the TDSL model for CH_4-BPL; (**d**) the M-TDSL model for CH_4-BPL; (**e**) the TDSL model for CO_2-H-Mordenite; (**f**) the M-TDSL model for CO_2-H-Mordenite.