

Publications

1. **Yuehua Deng**, Ge Huang, Shiyuan Liu, Min Zhang, Nikos S. Hatzakis*, Yanbin Jiang*. Loading Co-amorphous on Metal-Organic Frameworks for Gelation Elimination and Anti-cancer Drug Delivery Enhancement. *Chem. Eng. J.* **2024**, 497, 154452.
2. **Yuehua Deng**, Shiyuan Liu, Yanbin Jiang*, Holger Grohganz and Thomas Rades*. Salt hydrates as a source to form co-amorphous systems when prepared in the absence of water: hydrogen bond analysis. *Chem. Eng. Sci.*, **2024**, 120232.
3. **Yuehua Deng**, Wei Luo, Zhiyong Zheng, Guixuan Wei, Shiyuan Liu*, Yanbin Jiang*, Huaiyu Yang. Prediction of co-amorphous formation using non-bonded interaction energy: Molecular dynamic simulation and experimental validation. *Chem. Eng. Sci.*, **2023**, 118618.
4. **Yuehua Deng**, Shiyuan Liu, Yanbin Jiang*, Inês C. B. Martins, Thomas Rades*. Recent advances in co-former screening and formation prediction of multicomponent solid forms of low molecular weight drugs. *Pharmaceutics*. **2023**, 15(9):2174.
5. **Yuehua Deng**, Wenhao Deng, Wenquan Huang, Zhiyong Zheng, Rui Zhang, Shiyuan Liu*, Yanbin Jiang*. Norfloxacin Co-amorphous Salt Systems: Effects of Molecular Descriptors on the Formation and Physical Stability of Co-amorphous systems. *Chem. Eng. Sci.*, **2022**, 117549.
6. **Yuehua Deng**, Yuchen Chen, Fang Xie, Jingwen Tang, Rui Zhang, Huaiyu Yang, Yanbin Jiang*, Shiyuan Liu*. Minoxidil Multi-component Crystals with Aromatic Carboxylic Acids: Theoretical Calculation and Structural Analysis. *Cryst. Growth. Des.*, **2022**, 22(6): 3941–3953.