# Daisuke Yuhara

List of Publications by Year
in descending order

| 12 papers | 122 citations | 1684188 5 h-index | 1720034 7 g-index |
|---|---|---|---|
| 12 all docs | 12 docs citations | 12 times ranked | 166 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Nucleation rate analysis of methane hydrate from molecular dynamics simulations. Faraday Discussions, 2015, 179, 463-474. | 3.2 | 57 |
| 2 | Cage occupancies, lattice constants, and guest chemical potentials for structure II hydrogen clathrate hydrate from Gibbs ensemble Monte Carlo simulations. Journal of Chemical Physics, 2019, 150, 134503. | 3.0 | 19 |
| 3 | Analysis of three-phase equilibrium conditions for methane hydrate by isometric-isothermal molecular dynamics simulations. Journal of Chemical Physics, 2018, 148, 184501. | 3.0 | 16 |
| 4 | Anisotropy of dodecahedral water cages for guest gas occupancy in semiclathrate hydrates. Chemical Communications, 2019, 55, 10150-10153. | 4.1 | 14 |
| 5 | Analysis of crystal growth of methane hydrate using molecular dynamics simulation. Molecular Simulation, 2015, 41, 918-922. | 2.0 | 6 |
| 6 | Detection of molecular behavior that characterizes systems using a deep learning approach. Nanoscale, 2019, 11, 10064-10071. | 5.6 | 5 |
| 7 | On effective radii of dodecahedral cages in semiclathrate hydrates for van der Waals and Platteeuw model. Fluid Phase Equilibria, 2021, 527, 112846. | 2.5 | 5 |
| 8 | Recent Advances in Clathrate Hydrates Research using Molecular Simulations. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 2018, 28, 102-112. | 0.0 | 0 |
| 9 | Dataflow programming for the analysis of molecular dynamics with AViS, an analysis and visualization software application. PLoS ONE, 2020, 15, e0231714. | 2.5 | 0 |
| 10 | G141 Molecular dynamics simulation of methane hydrate growth on water/methane interface. The Proceedings of the Thermal Engineering Conference, 2013, 2013, 223-224. | 0.0 | 0 |
| 11 | Analysis of three-phase equilibrium points for methane hydrate/water/methane systems by NVT molecular dynamics simulation. The Proceedings of the Thermal Engineering Conference, 2016, 2016, I222. | 0.0 | 0 |
| 12 | Efficient Monte Carlo Sampling for Molecular Systems Using Continuous Normalizing Flow. Journal of Chemical Theory and Computation, 2022, 18, 1395-1405. | 5.3 | 0 |