

# Daisuke Yuhara

## List of Publications by Year in descending order

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Monte Carlo Sampling for Molecular Systems Using Continuous Normalizing Flow. Journal of Chemical Theory and Computation, 2022, 18, 1395-1405.	5.3	0
2	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
3	Dataflow programming for the analysis of molecular dynamics with AVIS, an analysis and visualization software application. PLoS ONE, 2020, 15, e0231714.	2.5	0
4	Anisotropy of dodecahedral water cages for guest gas occupancy in semiclathrate hydrates. Chemical Communications, 2019, 55, 10150-10153.	4.1	14
5	Detection of molecular behavior that characterizes systems using a deep learning approach. Nanoscale, 2019, 11, 10064-10071.	5.6	5
6	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
7	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
8	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
9	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, 1222.	0.0	0
10	Analysis of crystal growth of methane hydrate using molecular dynamics simulation. Molecular Simulation, 2015, 41, 918-922.	2.0	6
11	Nucleation rate analysis of methane hydrate from molecular dynamics simulations. Faraday Discussions, 2015, 179, 463-474.	3.2	57
12	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