

Wataru Shimada

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

983
citations

1040056

9
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

530
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase diagram, latent heat, and specific heat of TBAB semiclathrate hydrate crystals. <i>Fluid Phase Equilibria</i> , 2005, 234, 131-135.	2.5	335
2	Tetra-n-butylammonium bromide-water (1/38). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2005, 61, o65-o66.	0.4	214
3	Separation of Gas Molecule Using Tetra-n-butyl Ammonium Bromide Semi-Clathrate Hydrate Crystals. <i>Japanese Journal of Applied Physics</i> , 2003, 42, L129-L131.	1.5	168
4	Three-dimensional pattern formation during growth of ice dendrites – its relation to universal law of dendritic growth. <i>Journal of Crystal Growth</i> , 1993, 128, 234-239.	1.5	105
5	Memory effect on semi-clathrate hydrate formation: A case study of tetragonal tetra-n-butyl ammonium bromide hydrate. <i>Chemical Engineering Science</i> , 2010, 65, 5442-5446.	3.8	56
6	Free-growth forms and growth kinetics of tetra-n-butyl ammonium bromide semi-clathrate hydrate crystals. <i>Journal of Crystal Growth</i> , 2005, 274, 246-250.	1.5	52
7	Bacterial communities in Asian dust-containing snow layers on Mt. Tateyama, Japan. <i>Bulletin of Glaciological Research</i> , 2011, 29, 31-39.	1.0	16
8	Three-Dimensional Morphology of Natural Snow Crystals. <i>Crystal Growth and Design</i> , 2016, 16, 5603-5605.	3.0	10
9	Rapid growth of ice crystal dendrite tips in dilute solution of trehalose. <i>Journal of Crystal Growth</i> , 2018, 493, 25-29.	1.5	9
10	Comparison of Snow Cover Observations along the Tateyama-Kurobe Alpine Route with Snow Cover Simulations Using the Non-hydrostatic Regional Climate Model (NHRCM) with Different Horizontal Resolutions. <i>Journal of Geography (Chigaku Zasshi)</i> , 2019, 128, 77-92.	0.3	6
11	Nucleation probability of Type-A tetra-n-butyl ammonium bromide semi-clathrate hydrate via the memory effect. <i>Journal of Crystal Growth</i> , 2022, 583, 126560.	1.5	6
12	Asymmetrical Three-Dimensional Morphology of Growing Snow Crystals Observed by a Michelson Interferometer. <i>Crystal Growth and Design</i> , 2018, 18, 6426-6430.	3.0	4
13	Three-dimensional aspects of sidebranch formation during the growth of snow crystals. <i>Journal of Crystal Growth</i> , 2020, 548, 125846.	1.5	2