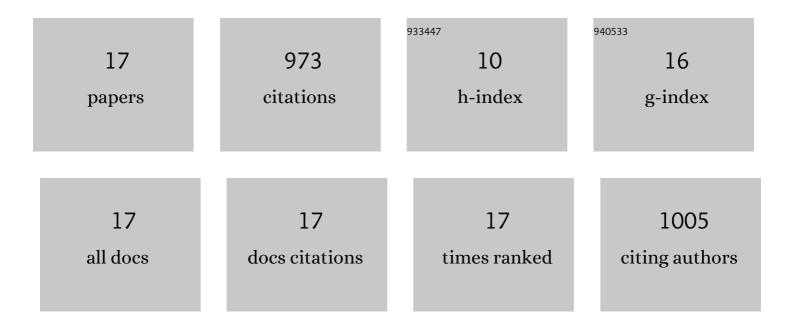
Dongsheng Bai

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8977315/publications.pdf Version: 2024-02-01



#	Article	IF	CITATION
1	Effect of Cage Occupancy on Stability and Decomposition of Methane Hydrate. Journal of Physical Chemistry B, 2022, 126, 492-502.	2.6	8
2	Investigations on energy transfer mechanism and tunable luminescent properties of Co-doped Ca9La(PO4)7:Dy3+,Eu3+ phosphors. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	8
3	Molecular Dynamics Simulation of Methane Hydrate Decomposition in the Presence of Alcohol Additives. ChemPhysChem, 2019, 20, 2553-2565.	2.1	15
4	The effect of aqueous NaCl solution on methane hydrate nucleation and growth. Fluid Phase Equilibria, 2019, 487, 76-82.	2.5	47
5	Anlotinib inhibits angiogenesis via suppressing the activation of VEGFR2, PDGFRÎ ² and FGFR1. Gene, 2018, 654, 77-86.	2.2	257
6	Interfacial effect of cyclodextrin inclusion complex on gas adsorption kinetics of dry water emulsion. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 544, 8-14.	4.7	7
7	Why the Gas Uptake Behavior of Dry Salt Water Is Vastly Different above 279 K? A Dynamics-Controlled Process That Can Be Intensified by the Cooling Stimulation Method. Journal of Physical Chemistry C, 2018, 122, 27360-27367.	3.1	0
8	Methane Hydrate Nucleation within Elastic Confined Spaces: Suitable Spacing and Elasticity Can Accelerate the Nucleation. Langmuir, 2018, 34, 10889-10896.	3.5	9
9	Synthesis, antioxidant and antimelanogenic activities of PEGylated α -tocopheryl lipoate conjugates. Journal of Dermatological Science, 2017, 86, 73-75.	1.9	1
10	Evolution of bubbles in decomposition and replacement process of methane hydrate. Molecular Simulation, 2017, 43, 1061-1073.	2.0	17
11	Size Effect of Silica Shell on Gas Uptake Kinetics in Dry Water. Langmuir, 2016, 32, 7365-7371.	3.5	10
12	How Properties of Solid Surfaces Modulate the Nucleation of Gas Hydrate. Scientific Reports, 2015, 5, 12747.	3.3	79
13	Origin of Self-preservation Effect for Hydrate Decomposition: Coupling of Mass and Heat Transfer Resistances. Scientific Reports, 2015, 5, 14599.	3.3	40
14	Role of Guest Molecules on the Hydrate Growth at Vapor‣iquid Interfaces. AICHE Journal, 2013, 59, 2621-2629.	3.6	16
15	Replacement mechanism of methane hydrate with carbon dioxide from microsecond molecular dynamics simulations. Energy and Environmental Science, 2012, 5, 7033.	30.8	212
16	Nucleation of the CO ₂ Hydrate from Three-Phase Contact Lines. Langmuir, 2012, 28, 7730-7736.	3.5	93
17	Microsecond Molecular Dynamics Simulations of the Kinetic Pathways of Gas Hydrate Formation from Solid Surfaces. Langmuir, 2011, 27, 5961-5967.	3.5	154