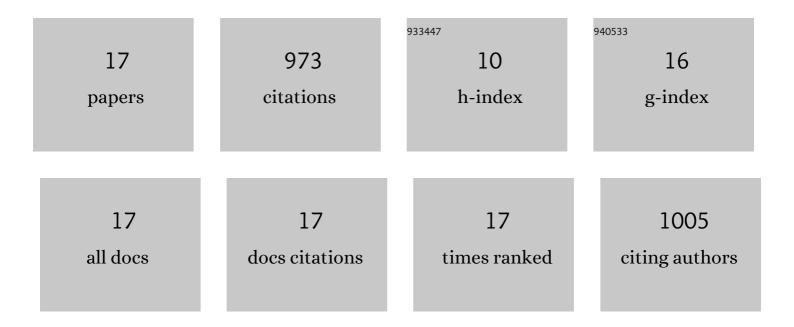
Dongsheng Bai

List of Publications by Year in descending order

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



#	Article	IF	CITATIONS
1	Anlotinib inhibits angiogenesis via suppressing the activation of VEGFR2, PDGFRÎ ² and FGFR1. Gene, 2018, 654, 77-86.	2.2	257
2	Replacement mechanism of methane hydrate with carbon dioxide from microsecond molecular dynamics simulations. Energy and Environmental Science, 2012, 5, 7033.	30.8	212
3	Microsecond Molecular Dynamics Simulations of the Kinetic Pathways of Gas Hydrate Formation from Solid Surfaces. Langmuir, 2011, 27, 5961-5967.	3.5	154
4	Nucleation of the CO ₂ Hydrate from Three-Phase Contact Lines. Langmuir, 2012, 28, 7730-7736.	3.5	93
5	How Properties of Solid Surfaces Modulate the Nucleation of Gas Hydrate. Scientific Reports, 2015, 5, 12747.	3.3	79
6	The effect of aqueous NaCl solution on methane hydrate nucleation and growth. Fluid Phase Equilibria, 2019, 487, 76-82.	2.5	47
7	Origin of Self-preservation Effect for Hydrate Decomposition: Coupling of Mass and Heat Transfer Resistances. Scientific Reports, 2015, 5, 14599.	3.3	40
8	Evolution of bubbles in decomposition and replacement process of methane hydrate. Molecular Simulation, 2017, 43, 1061-1073.	2.0	17
9	Role of Guest Molecules on the Hydrate Growth at Vaporâ€Liquid Interfaces. AICHE Journal, 2013, 59, 2621-2629.	3.6	16
10	Molecular Dynamics Simulation of Methane Hydrate Decomposition in the Presence of Alcohol Additives. ChemPhysChem, 2019, 20, 2553-2565.	2.1	15
11	Size Effect of Silica Shell on Gas Uptake Kinetics in Dry Water. Langmuir, 2016, 32, 7365-7371.	3.5	10
12	Methane Hydrate Nucleation within Elastic Confined Spaces: Suitable Spacing and Elasticity Can Accelerate the Nucleation. Langmuir, 2018, 34, 10889-10896.	3.5	9
13	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
14	Effect of Cage Occupancy on Stability and Decomposition of Methane Hydrate. Journal of Physical Chemistry B, 2022, 126, 492-502.	2.6	8
15	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
16	Synthesis, antioxidant and antimelanogenic activities of PEGylated α -tocopheryl lipoate conjugates. Journal of Dermatological Science, 2017, 86, 73-75.	1.9	1
17	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