

# Dongsheng Bai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8977315/publications.pdf>

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17  
papers

973  
citations

933447

10  
h-index

940533

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1005  
citing authors

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