

Tatiana Kuznetsova

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

499
citations

623734

14
h-index

677142

22
g-index

30
all docs

30
docs citations

30
times ranked

465
citing authors

#	ARTICLE	IF	CITATIONS
1	Imitating possible consequences of drilling through marine hydrate reservoir. <i>Energy</i> , 2022, 239, 121802.	8.8	13
2	Temporal shift and predictive performance of machine learning for heart transplant outcomes. <i>Journal of Heart and Lung Transplantation</i> , 2022, 41, 928-936.	0.6	12
3	The State of the Problem of Achieving Extremely Low LDL Levels. <i>Current Pharmaceutical Design</i> , 2021, 27, 3841-3857.	1.9	4
4	Modeling Heat Transport in Systems of Hydrate-Filled Sediments Using Residual Thermodynamics and Classical Nucleation Theory. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4124.	2.5	3
5	Thermodynamics of hydrate systems using a uniform reference state. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2021, 16, e2706.	1.5	2
6	Why Should We Use Residual Thermodynamics for Calculation of Hydrate Phase Transitions?. <i>Energies</i> , 2020, 13, 4135.	3.1	13
7	Hydrate Production Philosophy and Thermodynamic Calculations. <i>Energies</i> , 2020, 13, 672.	3.1	29
8	Maximum tolerance for water content at various stages of a natuna production. <i>Heat and Mass Transfer</i> , 2019, 55, 1059-1079.	2.1	16
9	Molecular dynamics study of morpholines at water CO_2 Carbon dioxide interfaces. <i>Fluid Phase Equilibria</i> , 2019, 485, 44-60.	2.5	13
10	Cardiac activity in the Mediterranean mussel (<i>Mytilus galloprovincialis</i> Lamarck, 1819) as a biomarker for assessing sea water quality in Boka Kotorska Bay, South Adriatic Sea. <i>Mediterranean Marine Science</i> , 2019, 20, 680.	1.6	8
11	Molecular dynamics study of surfactant-modified water-carbon dioxide systems. <i>Molecular Simulation</i> , 2018, 44, 128-136.	2.0	15
12	Methanol as a hydrate inhibitor and hydrate activator. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 21968-21987.	2.8	45
13	Hydrogen bond lifetimes and statistics of aqueous mono-, di- and tri-ethylene glycol. <i>AIChE Journal</i> , 2017, 63, 1674-1689.	3.6	17
14	Molecular dynamics study of N-formyl morpholine surfactant in CO ₂ /H ₂ O/oil interfacial system. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	3
15	Utilizing Non-Equilibrium Thermodynamics and Reactive Transport to Model CH ₄ Production from the Nankai Trough Gas Hydrate Reservoir. <i>Energies</i> , 2017, 10, 1064.	3.1	1
16	Using a Reactive Transport Simulator to Simulate CH ₄ Production from Bear Island Basin in the Barents Sea Utilizing the Depressurization Method. <i>Energies</i> , 2017, 10, 187.	3.1	8
17	Effects of Sodium Chloride on Acidic Nanoscale Pores Between Steel and Cement. <i>Journal of Physical Chemistry C</i> , 2016, 120, 29264-29271.	3.1	13
18	ZDHHC3 Tyrosine Phosphorylation Regulates Neural Cell Adhesion Molecule Palmitoylation. <i>Molecular and Cellular Biology</i> , 2016, 36, 2208-2225.	2.3	43

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19	Hydrate Formation during Transport of Natural Gas Containing Water and Impurities. Journal of Chemical & Engineering Data, 2016, 61, 936-949.	1.9	30
20	Impact of water film thickness on kinetic rate of mixed hydrate formation during injection of CO_2 into CH_4 hydrate. AIChE Journal, 2015, 61, 3944-3957.	3.6	33
21	Adsorption Properties of Triethylene Glycol on a Hydrated $\{101\bar{1}..4\}$ Calcite Surface and Its Effect on Adsorbed Water. Langmuir, 2015, 31, 8606-8617.	3.5	23
22	Investigations of the Chemical Potentials of Dissolved Water and H_2S in CO_2 Streams Using Molecular Dynamics Simulations and the Gibbs-Duhem Relation. Journal of Chemical & Engineering Data, 2015, 60, 2906-2914.	1.9	7
23	Modulation of network activity and induction of homeostatic synaptic plasticity by enzymatic removal of heparan sulfates. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20140134.	4.0	19
24	Consequences of CO_2 solubility for hydrate formation from carbon dioxide containing water and other impurities. Physical Chemistry Chemical Physics, 2014, 16, 8623-8638.	2.8	22
25	Can hydrate form in carbon dioxide from dissolved water?. Physical Chemistry Chemical Physics, 2013, 15, 2063-2074.	2.8	40
26	Molecular dynamics studies of water deposition on hematite surfaces. AIP Conference Proceedings, 2012, , .	0.4	2
27	Molecular dynamics simulations of methane hydrate pre-nucleation phenomena and the effect of PVCap kinetic inhibitor. AIP Conference Proceedings, 2012, , .	0.4	12
28	Molecular dynamics study of calcite, hydrate and the temperature effect on CO_2 transport and adsorption stability in geological formations. Molecular Physics, 2012, 110, 1097-1106.	1.7	27
29	An alternative for carbon dioxide emission mitigation: In situ methane hydrate conversion. AIP Conference Proceedings, 2012, , .	0.4	4
30	Impact of Low-Dosage Inhibitors on Clathrate Hydrate Stability. Macromolecular Symposia, 2010, 287, 168-176.	0.7	22