

Pawan Gupta

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

385
citations

933447

10
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

316
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetics of methane hydrate formation in an aqueous solution of thermodynamic promoters (THF and) Tj ETQq1 1 35, 1519-1534.	0.784314 4.4	91
2	Effect of aromatic/aliphatic based ionic liquids on the phase behavior of methane hydrates: Experiments and modeling. Journal of Chemical Thermodynamics, 2018, 117, 9-20.	2.0	40
3	Formation and Dissociation Kinetics of Methane Hydrate in Aqueous Oilfield Polymer Solutions (Polyacrylamide, Xanthan Gum, and Guar Gum) and Their Performance Evaluation as Low-Dosage Kinetic Hydrate Inhibitors (LDHI). Energy & Fuels, 2019, 33, 6335-6349.	5.1	35
4	Natural Gas Production from a Marine Clayey Hydrate Reservoir Formed in Seawater Using Depressurization at Constant Pressure, Depressurization by Constant Rate Gas Release, Thermal Stimulation, and Their Implications for Real Field Applications. Energy & Fuels, 2019, 33, 3108-3122.	5.1	30
5	Performance evaluation of esters and graphene nanoparticles as an additives on the rheological and lubrication properties of water-based drilling mud. Journal of Petroleum Science and Engineering, 2021, 204, 108680.	4.2	29
6	Phase Equilibrium of Methane Hydrate in the Presence of Aqueous Solutions of Quaternary Ammonium Salts. Journal of Chemical & Engineering Data, 2018, 63, 2410-2419.	1.9	28
7	Thermodynamic modeling of phase equilibrium of carbon dioxide clathrate hydrate in aqueous solutions of promoters and inhibitors suitable for gas separation. Asia-Pacific Journal of Chemical Engineering, 2017, 12, 709-722.	1.5	26
8	Polymer Flooding in Artificial Hydrate Bearing Sediments for Methane Gas Recovery. Energy & Fuels, 2018, 32, 6657-6668.	5.1	26
9	Phase Equilibrium of Methane Hydrate in Aqueous Solutions of Polyacrylamide, Xanthan Gum, and Guar Gum. Journal of Chemical & Engineering Data, 2019, 64, 1650-1661.	1.9	26
10	Gas Hydrates as a Potential Energy Resource for Energy Sustainability. Green Energy and Technology, 2018, , 265-287.	0.6	21
11	Polymer-Assisted Chemical Inhibitor Flooding: A Novel Approach for Energy Recovery from Hydrate-Bearing Sediments. Industrial & Engineering Chemistry Research, 2021, 60, 8043-8055.	3.7	12
12	A review on natural gas ecosystem in India: Energy scenario, market, pricing assessment with the developed part of world and way forward. Journal of Natural Gas Science and Engineering, 2022, 99, 104459.	4.4	10
13	Investigations on the thermal and electrical conductivity of polyethylene glycol-based CuO and ZnO nanofluids. Indian Chemical Engineer, 2020, 62, 402-412.	1.5	6
14	Interaction of lubricants on the rheological and filtration loss properties of water-based drilling fluids. Petroleum Science and Technology, 2021, 39, 235-248.	1.5	3
15	Semiclathrate Hydrate of Methane and Quaternary Ammonium Salts for Natural Gas Storage and Gas Separation. , 2018, , .		2